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ECOSYS M5521cdn
ECOSYS M5521cdw

OPERATION GUIDE

KYOCERA
Document Solutions

Preface

Thank you for purchasing this machine.

This Operation Guide is intended to help you operate the machine correctly, perform routine maintenance, and take simple troubleshooting measures as needed so that the machine can always be used in the optimum condition.

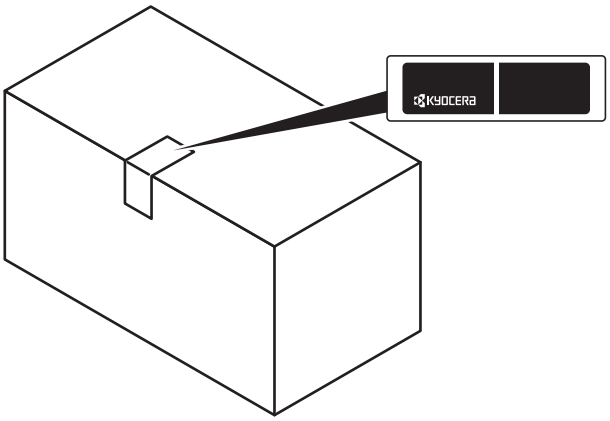
Please read this Operation Guide before using the machine.

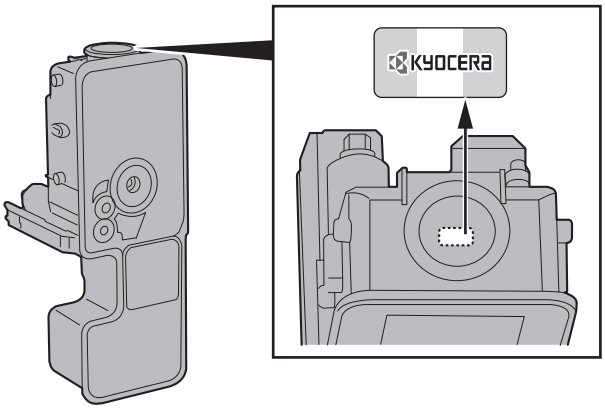
To maintain quality, we recommend using genuine Kyocera toner containers, which must pass numerous quality inspections.

The use of non-genuine toner containers may cause failure.

We will not be liable for any damages caused by the use of third party supplies in this machine.

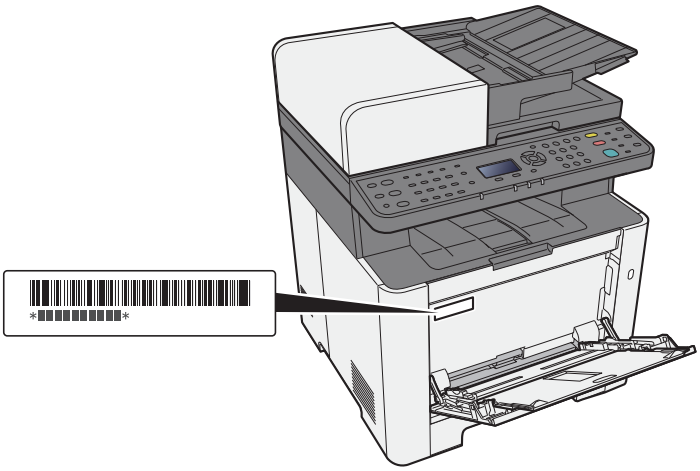
A label is affixed to our genuine supplies, as shown below.





Checking the Equipment's Serial Number

The equipment's serial number is printed in the location shown in the figure.



You'll need the equipment's serial number when contacting your Service Representative. Please check the number before contacting your Service Representative.

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Overview

Input Data

Original | Electronic data | USB memory | Fax data

Security

You can apply the various machine security levels to your specific needs.

Strengthen security (page xi)

Operations from your PC

Command Center RX
You can check the status and change the settings of the machine from a Web browser on your computer.

Command Center RX (page 2-45)
Command Center RX User Guide

Document Box functions

This function serves a variety of purposes, including saving data in the machine and on a USB memory stick.

Printing Data Saved in the Printer (page 4-10)

Output Data

Copy functions

Printer functions

Copying (page 5-12)
Printing from PC (page 4-1)

Send functions

Frequently-Used Sending Method (page 5-14)

USB memory

Saving Documents to USB Memory (Scan to USB) (page 5-37)

Fax functions

FAX Operation Guide

NOTE

- Before using the machine, be sure to read the following:

Legal and Safety Information (page 1-1)

- To prepare the device for use, including setting up cable connections and installing software.

Installing and Setting up the Machine (page 2-1)

- To learn how to load paper, set up shared folders, and add addresses to the address book, refer to the following:

Preparation before Use (page 3-1)

Machine Features

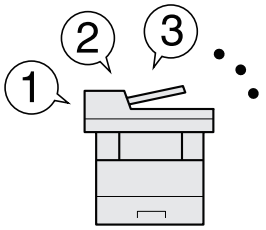
The machine is equipped with many useful functions.

Using Various Functions (page 6-1)

Here are some examples.

Optimize your office workflow

Access to frequently used functions with just one touch (Favorites)

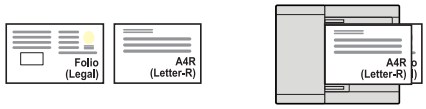


You can preset frequently used functions.

Once you register frequently used settings as favorite, you can call up the settings easily. Using this favorite brings the same results even if operated by another person.

Program (page 5-8)

Scan originals of different sizes at a time (Mixed Size Originals)

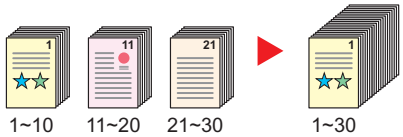


It is useful when preparing conference materials.

You can set the different sized originals at one time so you don't need to reset the originals regardless of size.

Mixed Size Originals (page 6-16)

Scan a large number of originals in separate batches and produce as one job (Continuous Scan)



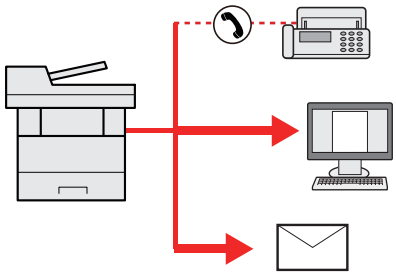
It is useful when preparing many-page handouts.

When a large number of originals cannot be placed in the document processor at one time, the originals can be scanned in separate batches and then copied or sent as one job.

Continuous Scan (page 6-17)

Optimize your office workflow

Send one time with multiple sending options (Multi Sending)



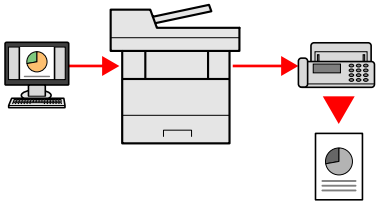
You can send a same document to the multiple destinations using a different method.

You can specify multiple destinations of different send methods such as E-mail, SMB, and Fax.

You can reduce your workflow by sending a job at once.

Sending to Different Types of Destinations (Multi Sending) (page 5-25)

Send a FAX from a PC (Sending FAX from PC)



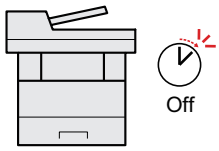
You can save the paper used for sending a FAX with this function.

You can send a file to be faxed from the PC without printing the file, so that you can reduce the number of pieces of paper and perform sending jobs efficiently.

FAX Operation Guide

Save energy and cost

Save energy as needed (Energy Saver function)

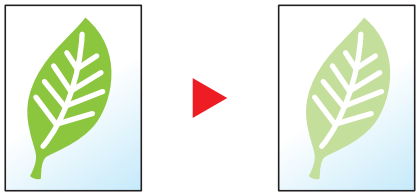


The machine is equipped with Energy Saver function that automatically switched into Sleep Mode. You can set appropriate Energy Saver Recovery Level depending on the operation.

Energy Saver function (page 2-26)

Save energy and cost

Use less toner for printing (EcoPrint)



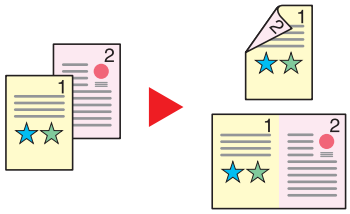
You can save toner consumption with this function.

When you only need to check the printed content, such as a trial print run or documents for internal confirmation, use this function to save toner.

Use this function when a high-quality print is not required.

EcoPrint (page 6-17)

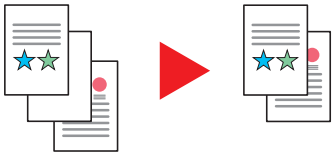
Reduce paper use (Paper Saving Printing)



You can print originals on both sides of the paper. You can also print multiple originals onto one sheet.

Combine (page 6-13)
Duplex (page 6-9)

Skip blank pages when printing (Skip Blank Page)

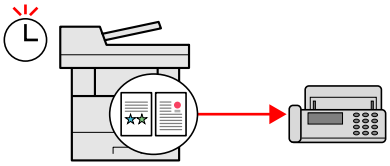


When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.

Skip Blank Page (page 6-22)

Save energy and cost

Send a FAX to reduce the communication cost (FAX Delayed Transmission)



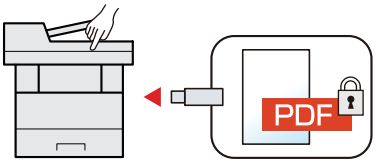
You can reduce the communication cost with this function.

The communication cost can be reduced by setting the timer to the time period during which the communication cost is low.

FAX Operation Guide

Strengthen security

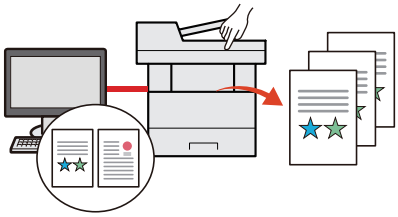
Password-protect a PDF file (PDF Encryption Functions)



Use the PDF format's password security options to restrict document viewing, printing and editing.

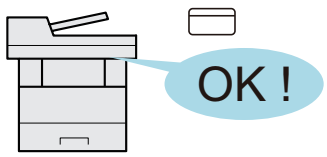
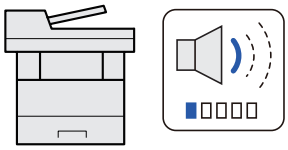
PDF Encryption Functions (page 6-26)

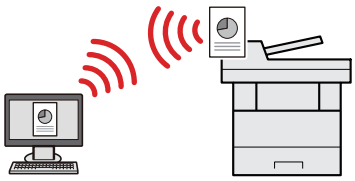
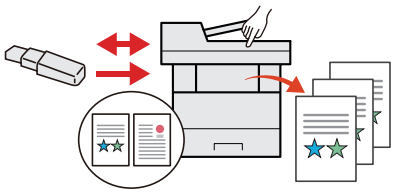
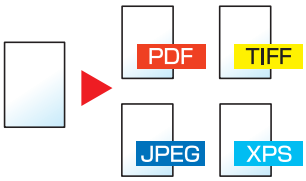
Prevent loss of finished documents (Private Print)



Temporarily saving print jobs in the main unit document box and outputting them when in front of the device can prevent documents from being taken by others.

Printing Data Saved in the Printer (page 4-10)

Strengthen security		Use functions more efficiently
Log in by ID card (Card Authentication)  You can log in simply by touching an ID card. You don't need to enter your user name and password. ➡ Card Authentication Kit(B) "Card Authentication Kit" (page 11-4)	**Strengthen security (Settings for Administrator)** Various functions are available for administrators to strengthen security. ➡ Strengthening the Security (page 2-44)	**Make the machine quiet (Quiet Mode)**  You can make the machine quiet by reducing its running noise.ON/OFF switching by one-touch is possible. ➡ Quiet Mode (page 2-29)

Use functions more efficiently		
Install the machine without concerning the network cables (Wireless Network)  If there is a wireless LAN environment, it is possible to install the unit without worrying about the network wiring. In addition, Wi-Fi Direct, etc. are supported. ➡ Network Setup (page 2-18) Setting Wi-Fi Direct (page 2-24)	**Use USB memory (USB Memory)**  It is useful when you need to print documents outside your office or you cannot print documents from your PC. You can print the document from the USB memory by plugging it directly into the machine. Original scanned at the machine can be saved in the USB memory also. ➡ Printing Documents Stored in Removable USB Memory (page 5-35) Saving Documents to USB Memory (Scan to USB) (page 5-37)	**Specify image file format (File Format)**  You can select the various file formats when sending/storing images. ➡ File Format (page 6-24)

Use functions more efficiently

Perform remote operation (Command Center RX)

You can access to the machine remotely to print, send or download data.

Administrators can configure the machine behavior or management settings.

Command Center RX (page 2-45)

Color and Image Quality Functions

The machine is equipped with various color and image quality functions. You can adjust the scanned image as desired.

Basic Color Modes

The basic color modes are as follows.

Color mode	Description	Reference image		Reference page
		Before	After	
Full Color	Scans a document in full color.			page 6-19
Grayscale	Scans a document in grayscale.			page 6-19
Black & White	Scans a document in black & white.			page 6-19

For details, refer to the following:

➔ Color Selection (page 6-19)

Adjusting Image Quality and Color

To adjust the image quality or color of an image, use the following functions.

I want to...	Sample image		Function	Page
	Before	After		
Adjust the color precisely.				
Adjust the density.			Density	page 6-17
Adjust the color by strengthening blue or red tones. **Example: Strengthening red**			Color Balance	page 6-19
Adjust the saturation.			Saturation	page 6-21
Adjust the image quality precisely				
Emphasize or blur the image outline. **Example: Emphasize the image outlines**			Sharpness	page 6-20
Adjust the difference between dark and light parts of the image.			Contrast	page 6-20
Darken or lighten the background (the area with no texts or images) of a document. **Example: Lightening the background**			Background Density	page 6-21
Adjust the scanned image				
Decrease the file size and produce the characters clearly.			File format [High Comp. PDF]	page 6-24

Guides Provided with the Machine

The following guides are provided with the machine. Refer to each guide as needed.

The contents of the guides are subject to change without notice for the purpose of improvement of machine performance.

Printed guides

Start using the machine quickly	**Quick Guide** Explains how to use basic functions of the machine, how to use convenient features, how to perform routine maintenance, and what to do when problems occur.
For safe use of the machine	**Safety Guide** Provides safety and cautionary information for installation environment and use of the machine. Be sure to read this guide before using the machine. **Safety Guide (ECOSYS M5521cdn/ECOSYS M5521cdw)** Indicates the space required for machine installation, and describes the cautionary labels and other safety information. Be sure to read this guide before using the machine.

Guides (PDF) on the DVD (Product Library)

Use the machine thoughtfully	**Operation Guide (This Guide)** Explains how to load paper and perform copy, print and scan operations, and indicates default settings and other information.
Use the fax functions	**FAX Operation Guide** Explains how to use the fax function.
Use the ID card	**Card Authentication Kit (B) Operation Guide** Explains how to perform authentication using the ID card.
Easily register machine information and configure settings	**Command Center RX User Guide** Explains how to access the machine from a Web browser on your computer to check and change settings.
Print data from a computer	**Printer Driver User Guide** Explains how to install the printer driver and use the printer function.
Directly print a PDF file	**KYOCERA Net Direct Print Operation Guide** Explains how to print PDF files without launching Adobe Acrobat or Reader.
Monitor the machine and printers on the network	**KYOCERA Net Viewer User Guide** Explains how to monitor your network printing system (the machine) with KYOCERA Net Viewer.
Print without using the printer driver	**PRESCRIBE Commands Command Reference** Describes the native printer language (PRESCRIBE commands). **PRESCRIBE Commands Technical Reference** Describes the PRESCRIBE command functions and control for each type of emulation.
Adjust the print or scan position	**Maintenance Menu User Guide** Maintenance Menu provides the explanation on how to configure the print, scan, and other settings.

Install the following versions of Adobe Reader to view the manuals on the DVD.
Version 8.0 or later

About the Operation Guide (this Guide)

Structure of the guide

The Operation Guide contains the following chapters.

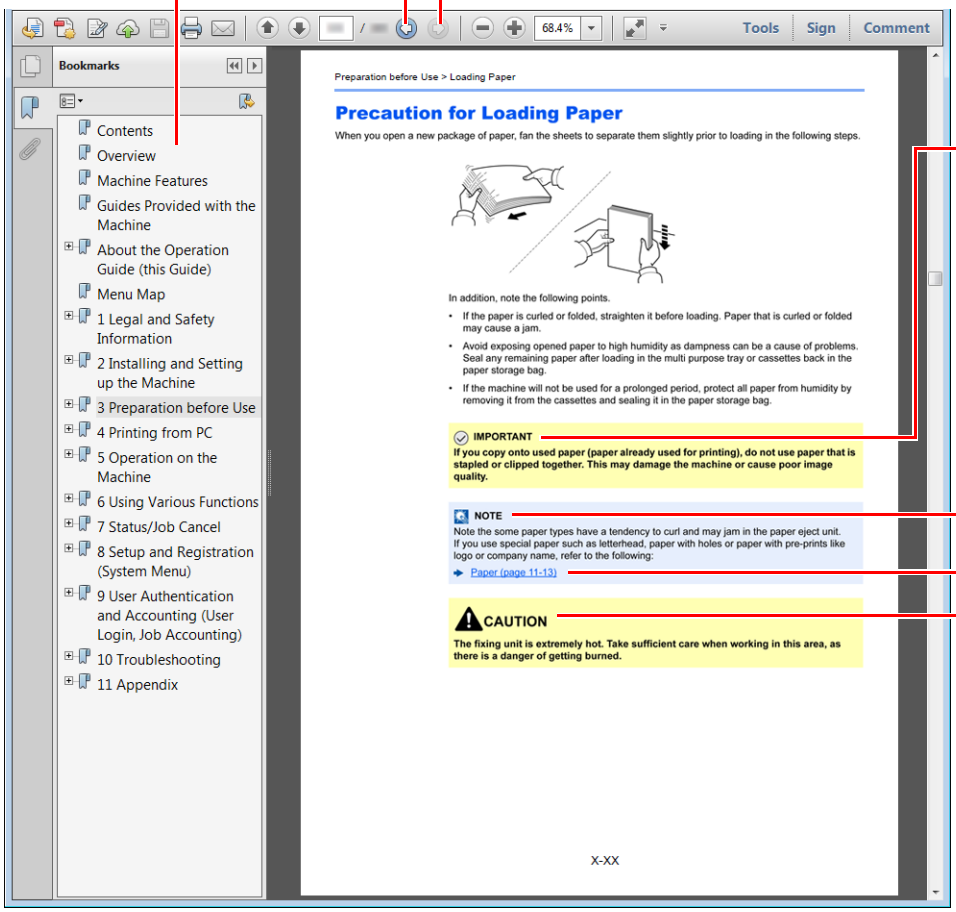
Chapter		Contents
1	**Legal and Safety Information**	Provides precautions regarding use of the machine and trademark information.
2	**Installing and Setting up the Machine**	Explains part names, cable connections, installation of the software, login, logout, and other matters related to administration of the machine.
3	**Preparation before Use**	Explains preparations and settings that are required in order to use the machine, such as how to load paper, and create an address book.
4	**Printing from PC**	Explains functions that are available when the machine is used as a printer.
5	**Operation on the Machine**	Explains the basic procedures for using the machine, such as placing originals, making copies, sending documents, and using document boxes.
6	**Using Various Functions**	Explains convenient functions that are available on the machine.
7	**Status/Job Cancel**	Explains how to check the status of a job and the job history, and how to cancel jobs being printed or waiting to print. Also explains how to check paper and toner levels, how to check the device status, and how to cancel fax transmission.
8	**Setup and Registration (System Menu)**	Explains System Menu and how it relates to the operation of the machine.
9	**User Authentication and Accounting (User Login, Job Accounting)**	Explains user login and job accounting.
10	**Troubleshooting**	Explains what to do when toner runs out, an error is displayed, or a paper jam or other problem occurs.
11	**Appendix**	Describes convenient options that are available for the machine. Provides information on media types and paper sizes, and gives a glossary of terms. Explains how to enter characters, and lists the specifications of the machine.

Conventions Used in This Guide

Adobe Reader XI is used as an example in the explanations below.

Click an item in the Table of Contents to jump to the corresponding page.

Click to move from the current page to the previously displayed page. This is convenient when you want to return to the page from which you jumped to the current page.



IMPORTANT

Indicates operational requirements and restrictions to operate the machine correctly, and avoid damage to the machine or property.

NOTE

Indicates supplemental explanations and reference information for operations.

Refer to

Click the underlined text to jump to the corresponding page.

CAUTION

Indicates that personal injury or mechanical damage may result from insufficient attention to or incorrect compliance with the related points.

NOTE

The items that appear in Adobe Reader vary depending on how it is used. If the Table of Contents or tools do not appear, refer to Adobe Reader Help.

Certain items are indicated in this guide by the conventions described below.

Convention	Description
[**Bold**]	Indicates keys and buttons.
"Regular"	Indicates a message or setting.

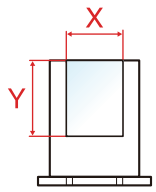
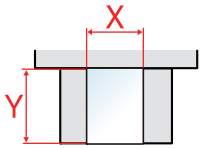
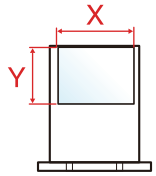
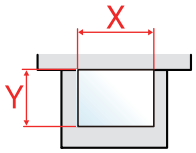
Conventions used in procedures for operating the machine

In this Operation Guide, continuous operation is as follows:

Actual procedure	Procedure indicated in this guide
Select the [**System Menu/Counter**] key. ▼ Select the [▲] or [▼] key to select [**Common settings**]. ▼ Select the [**OK**] key.	[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key

Size and Orientation of Paper

Paper sizes such as A5 and Statement can be used in both the horizontal and vertical orientations. To distinguish the orientations when these sizes are used, "R" is added to sizes used in the vertical orientation. In addition, the following icons are used to indicate paper placement orientations on the message display.

Orientation		Setting Position (X=Length, Y=Width)	Icons on the message display	Indicated size in this Guide*1
Vertical orientation (-R)	Cassette			A5-R, Statement-R
	Multipurpose tray			A5-R, Statement-R
Horizontal orientation	Cassette			A5
	Multipurpose tray			A5, Statement

*1 Paper sizes that can be used vary depending on the function and source tray. For details, refer to the following.

➡ Specifications (page 11-21)

Menu Map

This is a list of menus displayed on the message display. Depending on the settings, some menus may not be displayed. Some menu names may differ from their reference titles.

Paper Selection (page 6-8)
Collate (page 6-9)
Duplex (page 6-9)
Zoom (page 6-11)
Combine (page 6-13)
Original Size (page 6-15)
Orig.Orientation (page 6-15)
Mixed Size Orig. (page 6-16)
Original Image (page 6-16)
Density (page 6-17)
EcoPrint (page 6-17)
Continuous Scan (page 6-17)
File Name Entry (page 6-18)
JobFinish Notice (page 6-18)
Print Override (page 6-18)
Color Selection (page 6-19)
Color Balance (page 6-19)
Sharpness (page 6-20)
Contrast (page 6-20)
Backgrnd Density (page 6-21)
Saturation (page 6-21)
Skip Blank Page (page 6-22)

Send E-mail Folder FAX

Me(E-mail) (page 5-26)
E-mail (page 5-15)
Folder(SMB) (page 5-16)
Folder(FTP) (page 5-18)
WSD Scan (page 5-23)
FAX (Refer to **FAX Operation Guide**.)

Send E-mail Folder FAX → Function Menu

Color Selection (page 6-19)
Original Size (page 6-15)
Original Image (page 6-16)
Scan Resolution (page 6-22)
Sending Size (page 6-23)
Zoom (page 6-11)
Orig.Orientation (page 6-15)
Mixed Size Orig. (page 6-16)
Continuous Scan (page 6-17)
File Format (page 6-24)
File Name Entry (page 6-18)
Subject/Body (page 6-28)
JobFinish Notice (page 6-18)
FAX Resolution (Refer to **FAX Operation Guide**.)
FAX Delayed TX (Refer to **FAX Operation Guide**.)
FAX Direct TX (Refer to **FAX Operation Guide**.)
FAX RX Polling (Refer to **FAX Operation Guide**.)
FAX TX Report (Refer to **FAX Operation Guide**.)
Density (page 6-17)
FTP Encrypted TX (page 6-28)
File Separation (page 6-28)
Sharpness (page 6-20)
Contrast (page 6-20)
Backgrnd Density (page 6-21)
Skip Blank Page (page 6-22)

Document Box/USB

Sub Address Box (Refer to FAX Operation Guide.)				
Polling Box (Refer to FAX Operation Guide.)				
Job Box	Private/Stored (page 4-11)			
	Quick/Proof (page 4-14)			
USB Memory	**Store File**	Function Menu	Color Selection (page 6-19)	
			Original Size (page 6-15)	
			Original Image (page 6-16)	
			Scan Resolution (page 6-22)	
			Storing Size (page 6-29)	
			Zoom (page 6-11)	
			Orig.Orientation (page 6-15)	
			Mixed Size Orig. (page 6-16)	
			Continuous Scan (page 6-17)	
			File Format (page 6-24)	
			File Separation (page 6-28)	
			File Name Entry (page 6-18)	
			JobFinish Notice (page 6-18)	
			Density (page 6-17)	
			Sharpness (page 6-20)	
			Contrast (page 6-20)	
			Backgrnd Density (page 6-21)	
			Skip Blank Page (page 6-22)	
	(File Selection)	**Print**	Function Menu	Collate (page 6-9)
				Paper Selection (page 6-8)
				Duplex (page 6-9)
				EcoPrint (page 6-17)
				File Name Entry (page 6-18)
				JobFinish Notice (page 6-18)
				Print Override (page 6-18)
				Color Selection (page 6-19)
				Encrypted PDF (page 6-29)
				JPEG/TIFF Print (page 6-30)
				XPS FitTo Page (page 6-30)

Recall program. (page 5-8)

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Send Job Status (page 7-5)
Store Job Status (page 7-6)
Scheduled Job (page 7-7)
Print Job Log (page 7-10)
Send Job Log (page 7-11)
Store Job Log (page 7-12)
FAX Job Log (Refer to **FAX Operation Guide**.)
Scanner (page 7-14)
Printer (page 7-14)
FAX (Refer to **FAX Operation Guide**.)
Toner Status (page 7-15)
Paper Status (page 7-15)
USB Memory (page 7-14)
USB Keyboard (page 7-14)
Network (page 7-14)
Wi-Fi (page 7-14)

System Menu/
Counter

Report	**Report Print**	Menu Map (page 8-5)	
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		Send History (page 8-6)	
		Destination (page 8-6)	
		Subject (page 8-6)	
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Counter (page 2-43)			
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			Device Name (page 8-7)
			IP Address (page 8-7)
			Auto Disconnect (page 8-7)
		Wi-Fi Settings	Wi-Fi (page 8-8)
			Setup (page 8-8)
			TCP/IP Settings (page 8-10)
			Restart Network (page 8-11)
		Wired Netwk. Set	TCP/IP Settings (page 8-11)
			LAN Interface (page 8-11)
		Bonjour (page 8-12)	
		IPSec (page 8-12)	
		ProtocolSettings (page 8-12)	
		Secure Settings (page 8-16)	
		Ping (page 8-16)	
		Restart Network (page 8-16)	
	Primary Network (page 8-16)		
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		USB Device (page 8-17)	
		USB Storage (page 8-17)	
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System/Network	Restart (page 8-17)		
	Op Functions (page 8-17)		
User/Job Account	**User Login Set.**	User Login (page 9-3)	
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		NW User Property (page 9-18)	
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		Backgrnd(Copy) (page 8-28)	
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	ColorCalibration (page 8-38)	
	Color Regist. (page 8-38)	
	Correct. Bk Line (page 8-38)	
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1 Legal and Safety Information

Please read this information before using your machine. This chapter provides information on the following topics.

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Notice

Safety Conventions in This Guide

The sections of this guide and parts of the machine marked with symbols are safety warnings meant to protect the user, other individuals and surrounding objects, and ensure correct and safe usage of the machine. The symbols and their meanings are indicated below.

WARNING: Indicates that serious injury or even death may result from insufficient attention to or incorrect compliance with the related points.

CAUTION: Indicates that personal injury or mechanical damage may result from insufficient attention to or incorrect compliance with the related points.

Symbols

The △ symbol indicates that the related section includes safety warnings. Specific points of attention are indicated inside the symbol.

... [General warning]

... [Warning of high temperature]

The ⃠ symbol indicates that the related section includes information on prohibited actions. Specifics of the prohibited action are indicated inside the symbol.

... [Warning of prohibited action]

... [Disassembly prohibited]

The ● symbol indicates that the related section includes information on actions which must be performed. Specifics of the required action are indicated inside the symbol.

... [Alert of required action]

... [Remove the power plug from the outlet]

... [Always connect the machine to an outlet with a ground connection]

Please contact your service representative to order a replacement if the safety warnings in this Operation Guide are illegible or if the guide itself is missing (fee required).

NOTE
An original which resembles a bank note closely may not be copied properly in some rare cases because this machine is equipped with a counterfeiting prevention function.

Environment

The service environmental conditions are as follows:

Temperature	50 to 90.5°F (10 to 32.5°C)
Humidity	10 to 80%

Avoid the following locations when selecting a site for the machine.

- Avoid locations near a window or with exposure to direct sunlight.
- Avoid locations with vibrations.
- Avoid locations with drastic temperature fluctuations.
- Avoid locations with direct exposure to hot or cold air.
- Avoid poorly ventilated locations.

If the floor is delicate against casters, when this machine is moved after installation, the floor material may be damaged.

During copying, some ozone is released, but the amount does not cause any ill effect to one's health. If, however, the machine is used over a long period of time in a poorly ventilated room or when making an extremely large number of prints, the smell may become unpleasant. To maintain the appropriate environment for copy work, it is suggested that the room be properly ventilated.

Precautions for Use

Cautions when handling consumables

CAUTION

Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

Keep parts which contain toner out of the reach of children.

If toner happens to spill from parts which contain toner, avoid inhalation and ingestion, as well as contact with your eyes and skin.

- If you do happen to inhale toner, move to a place with fresh air and gargle thoroughly with a large amount of water. If coughing develops, contact a physician.
- If you do happen to ingest toner, rinse your mouth with water and drink 1 or 2 cups of water to dilute the contents of your stomach. If necessary, contact a physician.
- If you do happen to get toner in your eyes, flush them thoroughly with water. If there is any remaining tenderness, contact a physician.
- If toner does happen to get on your skin, wash with soap and water.

Do not attempt to force open or destroy parts which contain toner.

Other precautions

Return the exhausted toner container to your dealer or service representative. The collected toner container will be recycled or disposed in accordance with the relevant regulations.

Store the machine while avoiding exposure to direct sunlight.

Store the machine in a place where the temperature stays below 40°C while avoiding sharp changes of temperature and humidity.

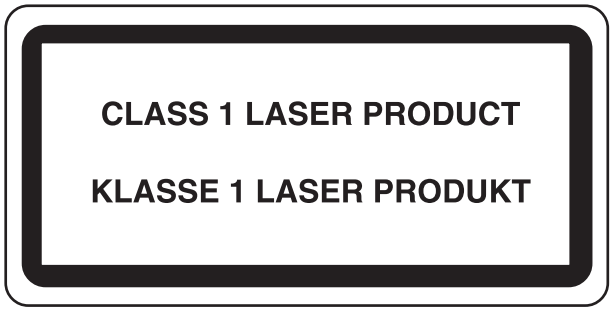
If the machine will not be used for an extended period of time, remove the paper from the cassette and the Multipurpose (MP) Tray, return it to its original package and reseal it.

Laser Safety (Europe)

Laser radiation could be hazardous to the human body. For this reason, laser radiation emitted inside this machine is hermetically sealed within the protective housing and external cover. In the normal operation of the product by user, no radiation can leak from the machine.

This machine is classified as Class 1 laser product under IEC/EN 60825-1:2014.

Regarding CLASS 1 laser products, information is provided on the rating label.



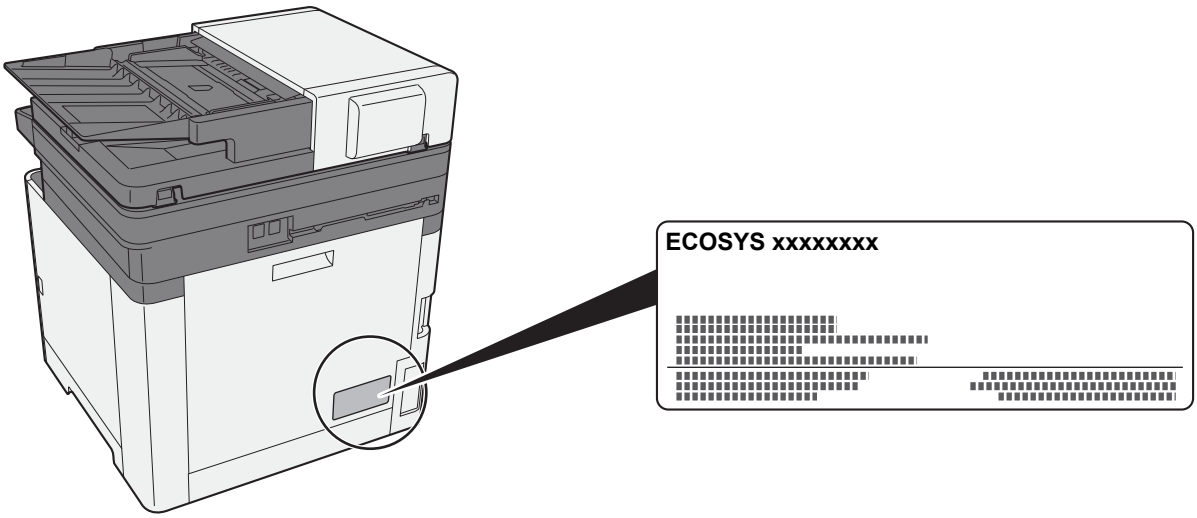
SAFETY OF LASER BEAM (USA)

1. Safety of laser beam

This machine has been certified by the manufacturer to Class 1 level under the radiation performance standards established by the U.S.DHHS (Department of Health and Human Services) in 1968. This indicates that the product is safe to use during normal operation and maintenance. The laser optical system, enclosed in a protective housing and sealed within the external covers, never permits the laser beam to escape.

2. The CDRH Act

A laser-product-related act was implemented on Aug. 2, 1976, by the Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration (FDA). This act prohibits the sale of laser products in the U.S. without certification, and applies to laser products manufactured after Aug. 1, 1976. The label shown below indicates compliance with the CDRH regulations and must be attached to laser products marketed in the United States. The position of the rating label is show below.



3. Maintenance

For safety of the service personnel, follow the maintenance instructions in the other section of this manual.

4. Safety switch

The power to the laser unit is cut off when the front cover is opened.

Safety Instructions Regarding the Disconnection of Power

Caution: The power plug is the main isolation device! Other switches on the equipment are only functional switches and are not suitable for isolating the equipment from the power source.

Attention: Le débranchement de la fiche secteur est le seul moyen de mettre l'appareil hors tension. Les interrupteurs sur l'appareil ne sont que des interrupteurs de fonctionnement: ils ne mettent pas l'appareil hors tension.

Compliance and Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- The use of a non-shielded interface cable with the referenced device is prohibited.

CAUTION — The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions; (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter.

* The above statements are valid only in the United States of America and Canada.

NOTE — Use shielded interface cables.

Other precautions (for users in California, the United States)

Perchlorate Material - special handling may apply. See *www.dtsc.ca.gov/hazardouswaste/perchlorate*.

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EN ISO 7779

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EK1-ITB 2000

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Wireless Connection (Mexico only)

The operation of this equipment is subject to the following two conditions:

(1) it is possible that this equipment or device may not cause harmful interference, and (2) this equipment or device must accept any interference, including interference that may cause undesired operation.

La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Security Precautions when Using Wireless LAN (If equipped)

Wireless LAN allows information to be exchanged between wireless access points instead of using a network cable, which offers the advantage that a LAN connection can be established freely within an area in which radio waves can be transmitted.

On the other hand, the following problems may occur if security settings are not configured, because radio waves can pass through obstacles (including walls) and reach everywhere within a certain area.

Secretly Viewing Communication Contents

A third person with malicious objectives may intentionally monitor radio waves and gain unauthorized access to the following communication contents.

- Personal information including ID, passwords, and credit card numbers
- Contents of email messages

Illegal Intrusion

A third party with malicious intent may gain unauthorized access to personal or company networks and conduct the following illegal actions.

- Extracting personal and confidential information (information leak)
- Entering into communication while impersonating a specific person and distributing unauthorized information (spoofing)
- Modifying and retransmitting intercepted communications (falsification)
- Transmitting computer viruses and destroying data and systems (destruction)

Wireless LAN cards and wireless access points contain built-in security mechanisms to address these problems and to reduce the possibility of these problems occurring by configuring the security settings of wireless LAN products when the product is used.

We recommend that customers take responsibility and use their judgment when configuring the security settings and that they ensure that they fully understand the problems that can occur when the product is used without configuring the security settings.

Limited Use of This Product (If equipped)

- Radio waves transmitted from this product may affect medical equipment. When using this product in a medical institution or in the vicinity of medical instruments, either use this product according to the instructions and precautions provided by the administrator of the institution or those provided on the medical instruments.
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Energy Saving Control Function

The device comes equipped with a Sleep where printer and fax functions remain in a waiting state but power consumption is reduced to a minimum after a certain amount of time elapses since the device was last used. If the machine is not used while in sleep mode, the power automatically turns off.

Sleep (page 2-26)
Power Off Rule (models for Europe) (page 2-28)

Automatic 2-Sided Print Function

This device includes 2-sided printing as a standard function. For example, by printing two 1-sided originals onto a single sheet of paper as a 2-sided print, it is possible to lower the amount of paper used.

Duplex (page 6-9)

Printing in duplex mode reduces paper consumption and contributes to the conservation of forest resources. Duplex mode also reduces the amount of paper that must be purchased, and thereby reduces cost. It is recommended that machines capable of duplex printing be set to use duplex mode by default.

Resource Saving - Paper

For the preservation and sustainable use of forest resources, it is recommended that recycled as well as virgin paper certified under environmental stewardship initiatives or carrying recognised ecolabels, which meet EN 12281:2002* or an equivalent quality standard, be used.
This machine also supports printing on 64 g/m^2 paper. Using such paper containing less raw materials can lead to further saving of forest resources.

* : EN12281:2002 "Printing and business paper - Requirements for copy paper for dry toner imaging processes"

Your sales or service representative can provide information about recommended paper types.

Environmental benefits of "Power Management"

To reduce power consumption when idle, this machine is equipped with a power management function that automatically activates energy-saving mode when the machine is idle for a certain period of time.
Although it takes the machine a slight amount of time to return to READY mode when in energy-saving mode, a significant reduction in energy consumption is possible. It is recommended that the machine be used with the activation time for energy-saving mode set to the default setting.

Energy Star (ENERGY STAR®) Program

We have determined as a participating company in the International Energy Star Program that this product is compliant with the standards laid out in the International Energy Star Program.
ENERGY STAR® is a voluntary energy efficiency program with the goal of developing and promoting the use of products with high energy efficiency in order to help prevent global warming. By purchasing ENERGY STAR® qualified products, customers can help reduce emissions of greenhouse gases during product use and cut energy-related costs.

2 Installing and Setting up the Machine

This chapter provides information for the administrator of this machine, such as part names, cable connection, and software installation.

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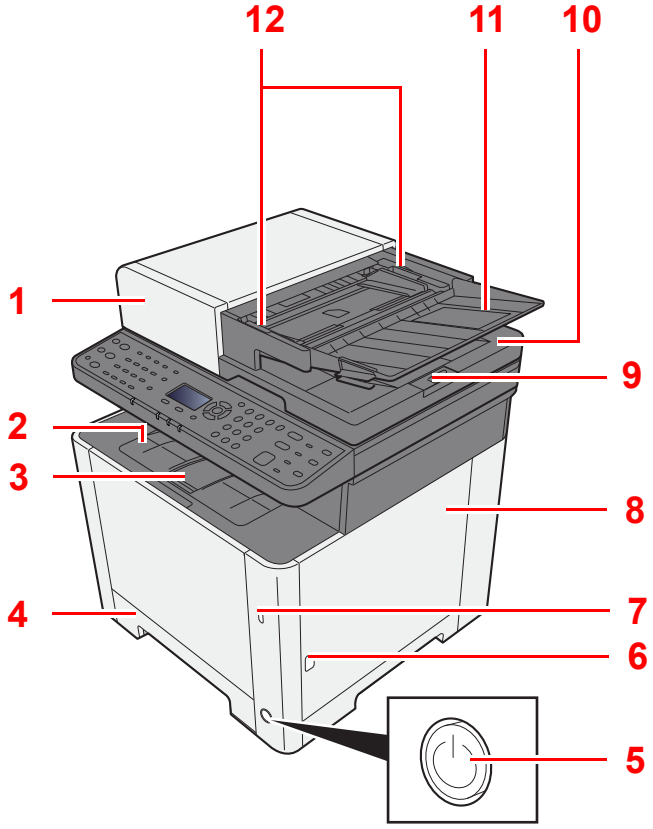
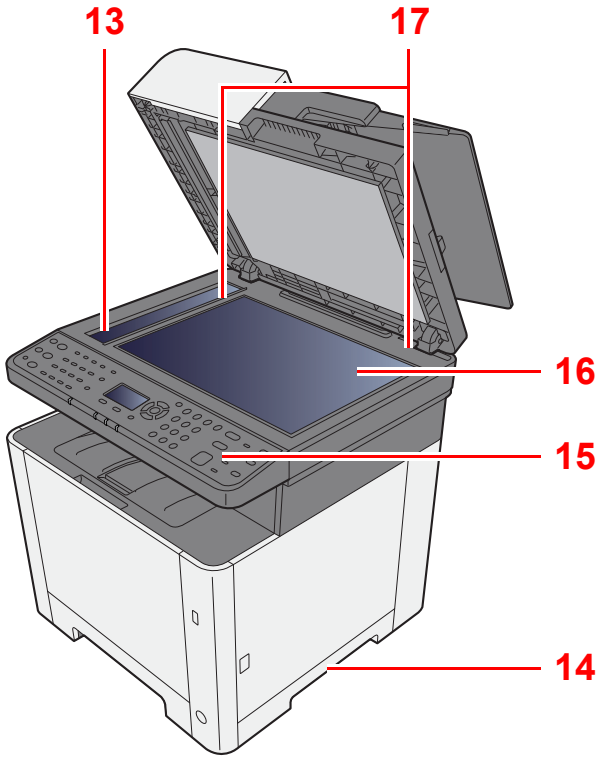
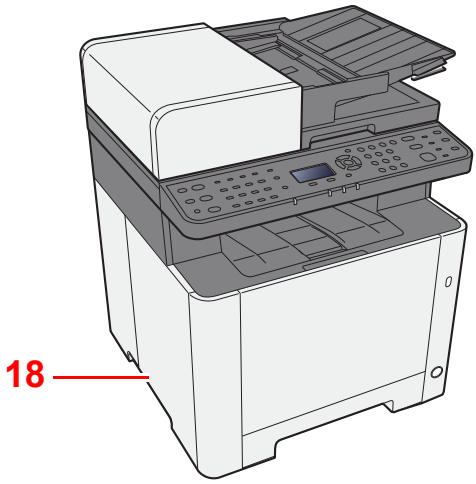
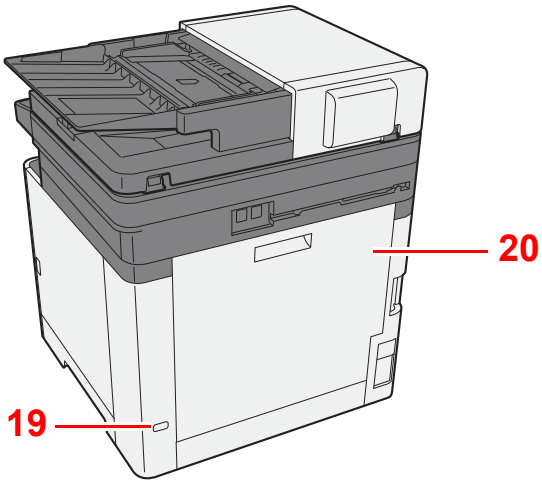
Part Names (Machine Exterior)





1 Document Processor
2 Inner Tray
3 Paper Stopper
4 Cassette 1
5 Power Switch
6 Button (Right Cover Open)
7 USB Memory Slot
8 Right Cover
9 Original Stopper
10 Original Eject Table
11 Original Table
12 Original Width Guides
13 Slit Glass
14 Handles
15 Operation Panel
16 Platen
17 Original Size Indicator Plates



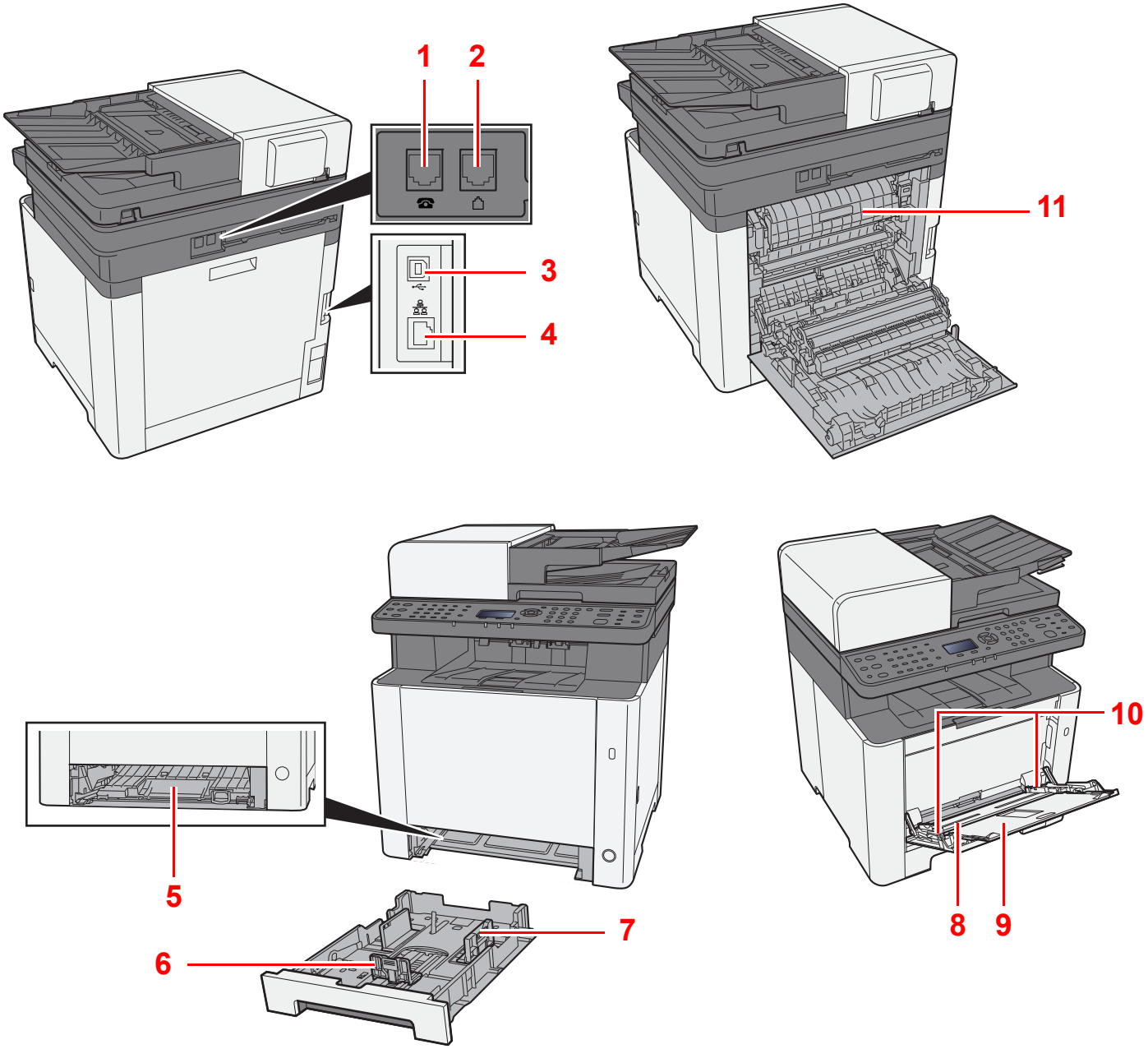


18 Handles

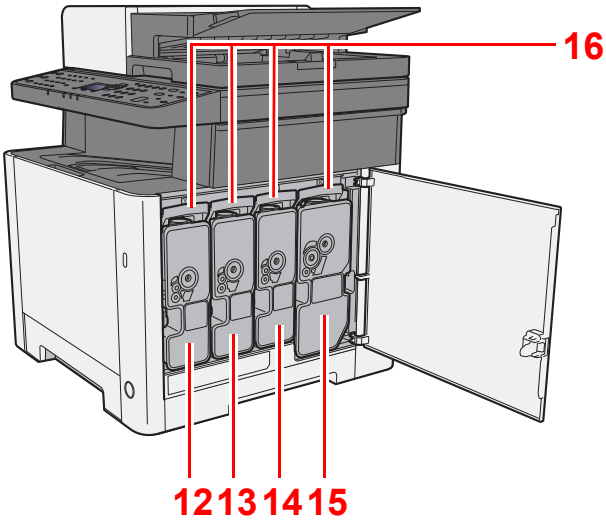
19 Anti-theft Lock Slot

20 Rear Cover 1

Part Names (Connectors/Interior)



1 TEL Connector
2 LINE Connector
3 USB Interface Connector
4 Network Interface Connector
5 Feed Cover
6 Paper Length Guide
7 Paper Width Guides
8 Multipurpose Tray
9 Tray Extension
10 Paper Width Guides
11 Fuser Cover



12 Toner Container (Yellow)

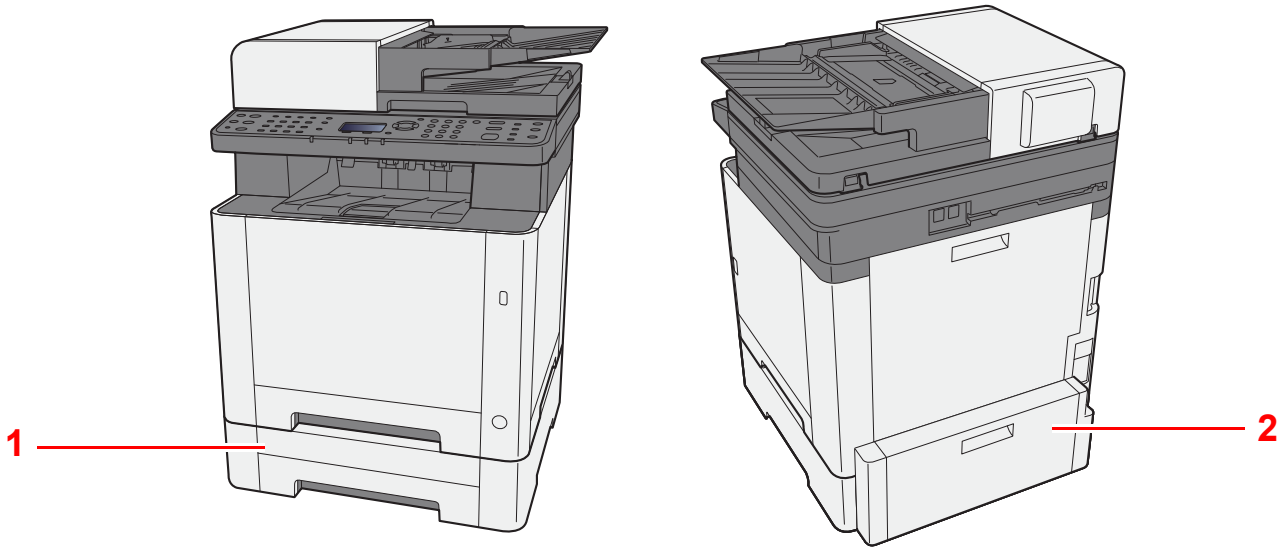
13 Toner Container (Cyan)

14 Toner Container (Magenta)

15 Toner Container (Black)

16 Toner Container Lock Lever

Part Names (With Optional Equipments Attached)



1 Cassette 2

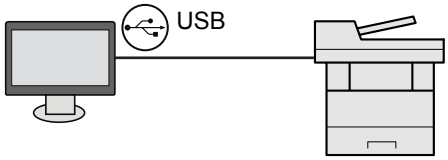
2 Rear Cover 2

Optional Equipment (page 11-2)

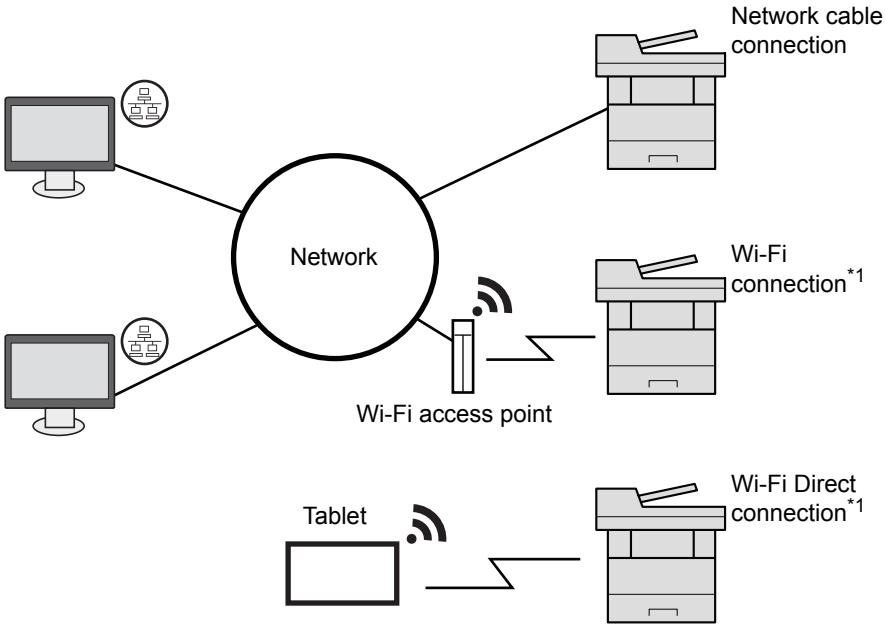
Connecting the Machine and Other Devices

Prepare the cables necessary to suit the environment and purpose of the machine use.

When Connecting the Machine to the PC via USB



When Connecting the Machine to the PC or Tablet by network cable, Wi-Fi, or Wi-Fi direct



*1 Only for models with Wi-Fi.

NOTE

If you are using wireless LAN, refer to the following.

Configuring the Wireless Network (page 2-20)

Cables that Can Be Used

Connection Environment	Function	Necessary Cable
Connect a LAN cable to the machine.	Printer/Scanner/Network FAX	LAN cable (10BASE-T, 100BASE-TX, 1000BASE-T)
Connect a USB cable to the machine.	Printer/Scanner (TWAIN/WIA)	USB 2.0 compatible cable (Hi-Speed USB compliant, max. 5.0 m, shielded)

IMPORTANT

Using a cable other than a USB 2.0 compatible cable may cause failure.

Connecting Cables

Connecting LAN Cable

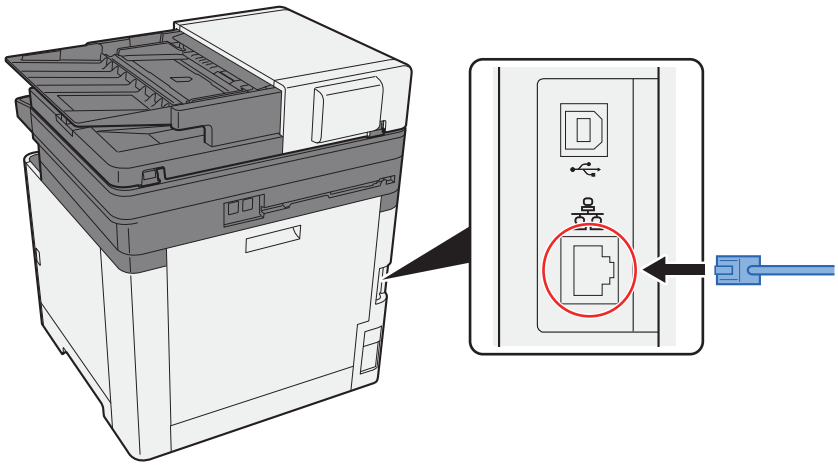
IMPORTANT

Make sure that the power to the machine is turned off.

Power Off (page 2-10)

1 Connect the cable to the machine.

1 Connect the LAN cable to the network interface connector.



2 Connect the other end of the cable to the hub or the PC.

2 Power on the machine and configure the network.

Network Setup (page 2-18)

Connecting USB Cable

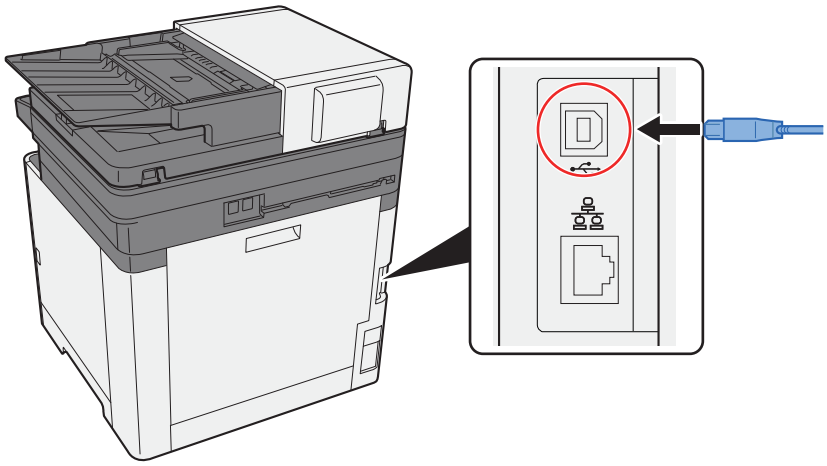
IMPORTANT

Make sure that the power to the machine is turned off.

Power Off (page 2-10)

1 Connect the cable to the machine.

1 Connect the USB cable to the USB interface connector.



2 Connect the other end of the cable to the PC.

2 Power on the machine.

Connecting the Power Cable

1 Connect the cable to the machine.

Connect one end of the supplied power cable to the machine and the other end to a power outlet.

IMPORTANT

Only use the power cable that comes with the machine.

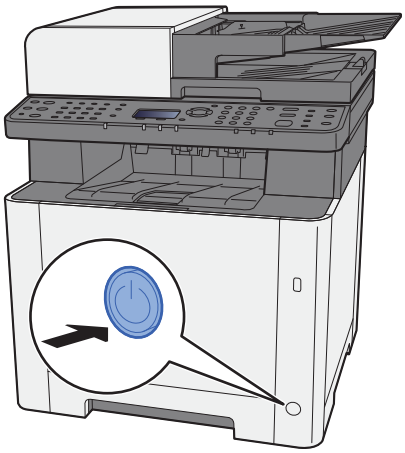
NOTE

When connecting the power cord to this machine, the message display may be displayed momentarily.

Power On/Off

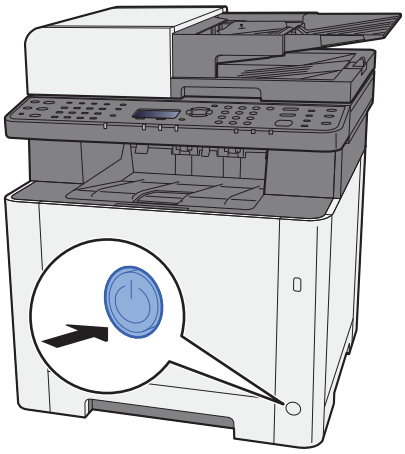
Power On

1 **Turn the power switch on.**



Power Off

1 **Turn the power switch off.**



The confirmation message for power supply off is displayed when [**Show PowerOffMsg**] is set to [**On**].

Show PowerOffMsg (page 8-31)

It takes about 3 minutes for power off.

CAUTION

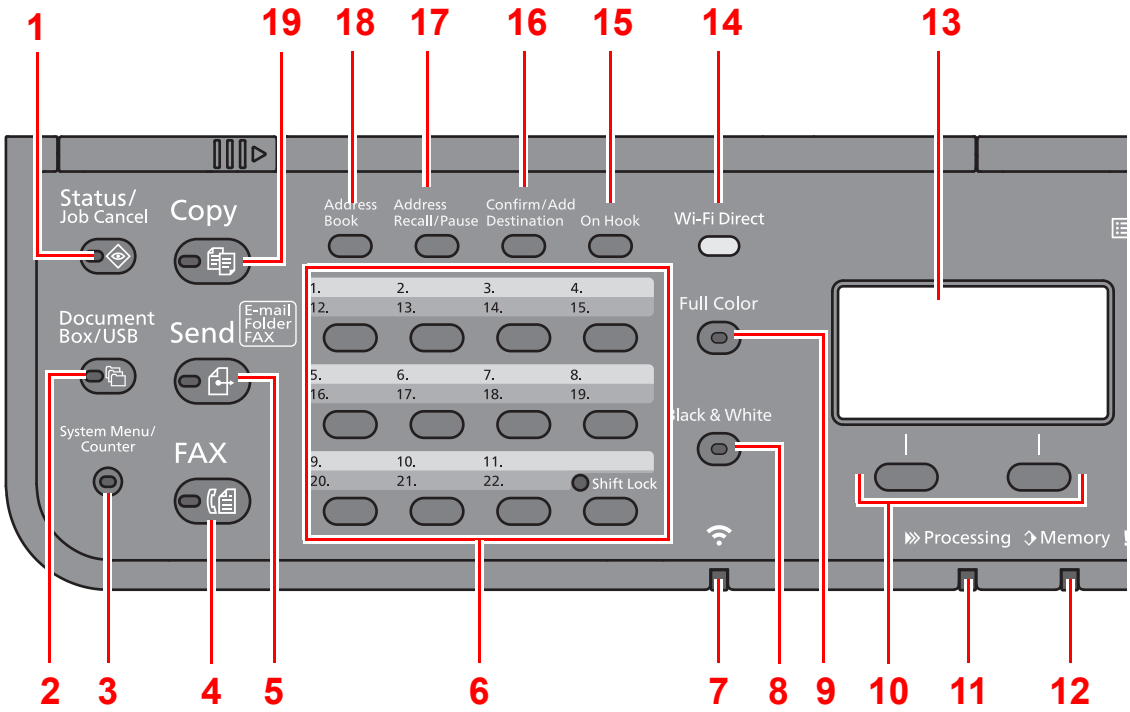
If this machine will be left unused for an extended period (e.g. overnight), turn it off at the power switch. If the machine will not be used for an even longer period of time (e.g. vacation), remove the power plug from the outlet as a safety precaution.

IMPORTANT

- **If using the products equipped with the fax function, note that turning the machine off at the power switch disables fax transmission and reception.**
- **Remove paper from the cassettes and seal it in the paper storage bag to protect it from humidity.**

Using the Operation Panel

Operation Panel Keys



1 [**Status/Job Cancel**] key: Displays the Status/Job Cancel screen.

2 [**Document Box/USB**] key: Displays the Document Box/USB screen.

3 [**System Menu/Counter**] key: Displays the System Menu/Counter screen.

4 [**FAX**] key: Displays the FAX screen.

5 [**Send**] key: Displays the screen for sending. You can change it to display the Address Book screen.

6 One Touch keys: Recalls the destination registered for One Touch Keys.

7 [**Wi-Fi**] indicator*1: Blinks during Wi-Fi connection.

8 [**Black&White**] key: Selects black and white mode.

9 [**Full Color**] key: Selects full color mode.

10 Select keys: Selects the menu displayed at the bottom of the message display.

11 [**Processing**] indicator: Blinks while printing or sending/receiving.

12 [**Memory**] indicator: Blinks while the machine is accessing the machine memory or fax memory.

13 Message display: Displays the setting menu, machine status, and error messages.

14 [**Wi-Fi Direct**] key*1: Set Wi-Fi Direct, and show information necessary for connection and the connection status.

15 [**On Hook**] key: Switches between on-hook and off-hook when manually sending a FAX.

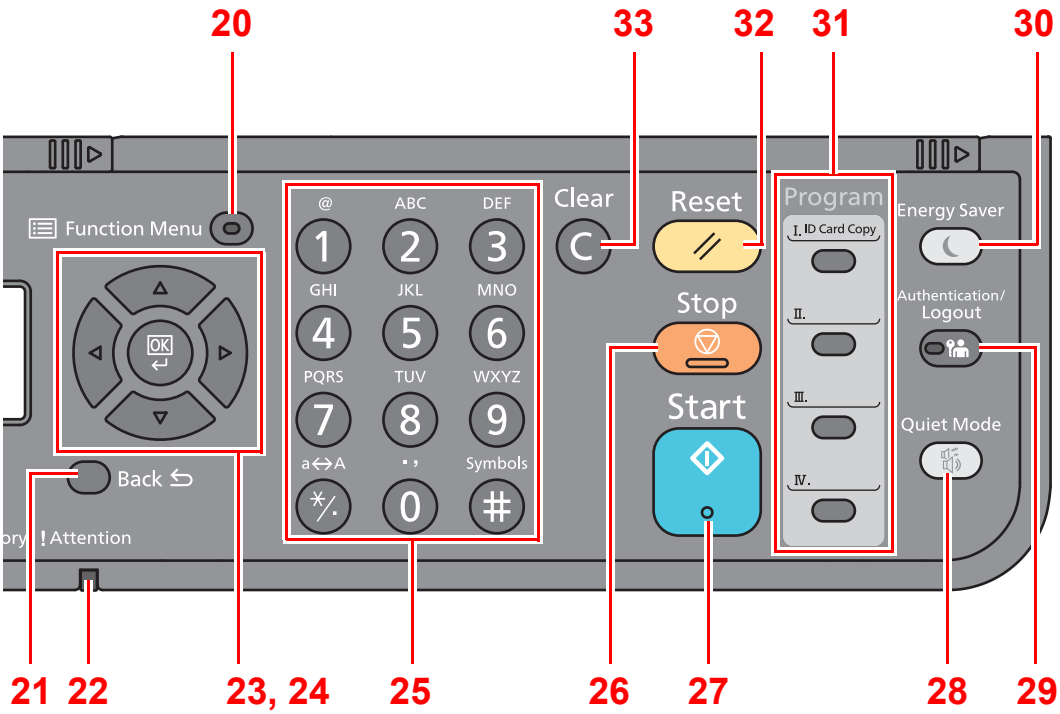
16 [**Confirm/Add Destination**] key: Confirms the destination or adds a destination.

17 [**Address Recall/Pause**] key: Calls the previous destination. Also used to enter a pause when entering a FAX number.

18 [**Address Book**] key: Displays the Address Book screen.

19 [**Copy**] key: Displays the Copy screen.

*1 Only for models with Wi-Fi.



20 [**Function Menu**] key: Displays the function menu screen.

21 [**Back**] key: Returns to the previous display.

22 [**Attention**] indicator: Lights or blinks when an error occurs and a job is stopped.

23 Arrow keys: Increments or decrements numbers, or selects menu in the message display. In addition, moves the cursor when entering the characters.

24 [**OK**] key: Finalizes a function or menu, and numbers that have been entered.

25 Numeric keys: Enter numbers and symbols.

26 [**Stop**] key: Cancels or pauses the job in progress.

27 [**Start**] key: Starts copying and scanning operations and processing for setting operations.

28 [**Quiet Mode**] key: Lower print speed for quiet processing.

29 [**Authentication/Logout**] key: Authenticates user, and exits the operation for the current user (i.e. log out).

30 [**Energy Saver**] key: Puts the machine into Sleep Mode. Recovers from Sleep if in Sleep Mode.

31 Program keys: Used to register or recall programs.

32 [**Reset**] key: Returns settings to their default states.

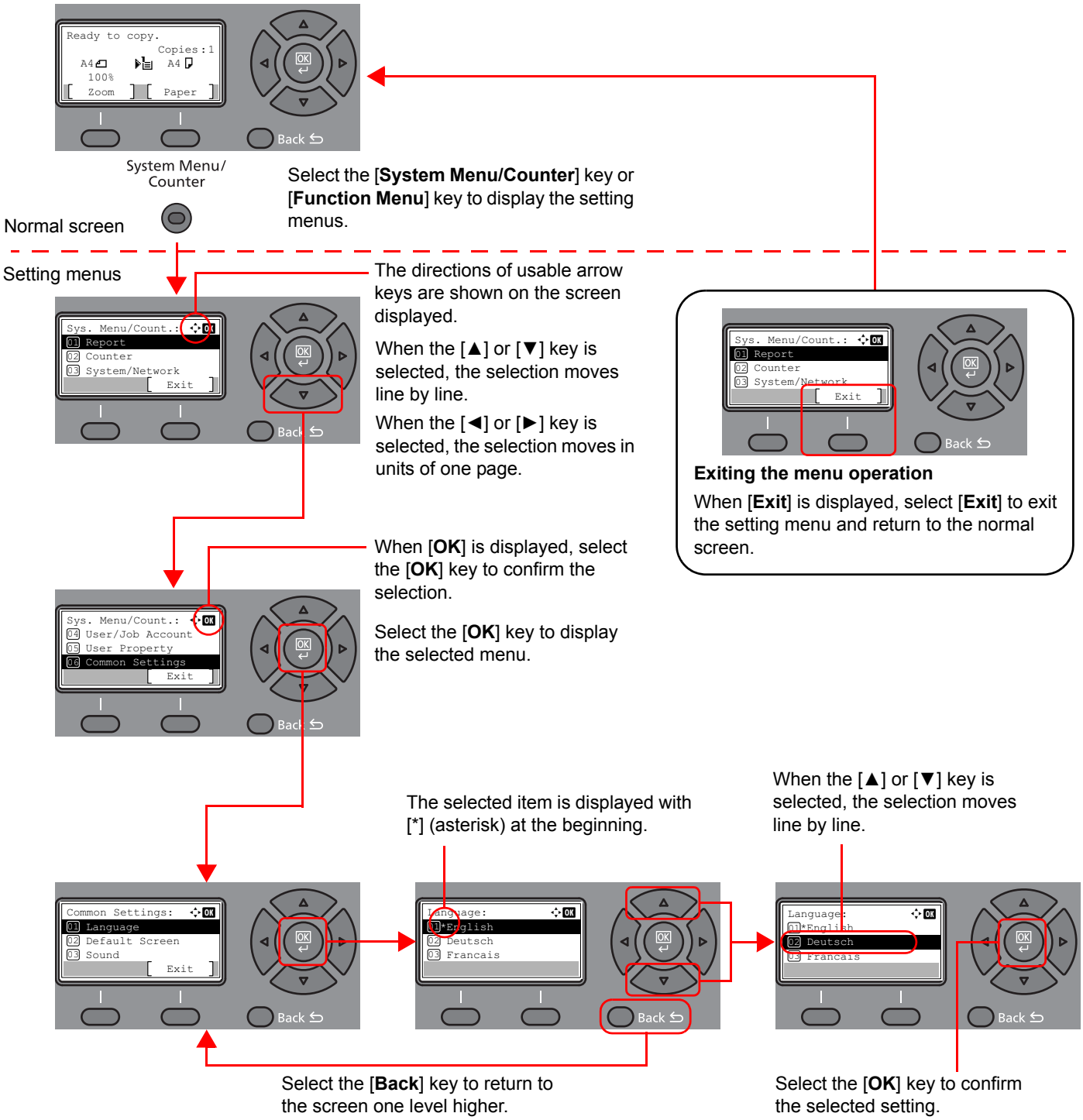
33 [**Clear**] key: Clears entered numbers and characters.

Operation Method

This section explains how to operate the setting menus on the message display.

Displaying the Menus and Configuring Settings

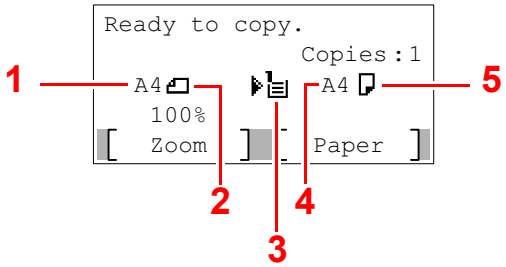
Select the [**System Menu/Counter**] key or [**Function Menu**] key to display the setting menus. Select the [▲] key, [▼] key, [◀] key, [▶] key, [**OK**] key, or [**Back**] key to select a menu, and perform settings.



Check the original and paper settings

The current original and paper settings are displayed.

The copy screen is used here as an example.



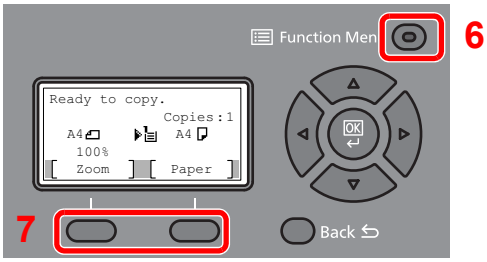
1 Original size

2 Original orientation

3 Paper source

4 Paper size

5 Paper orientation



6 [**Function Menu**] key

7 Select keys

NOTE

- You can select the [**Function Menu**] key to configure original and paper settings.

Paper Selection (page 6-8)
Original Size (page 6-15)
Original Orientation (page 6-15)

- You can register frequently used functions in Select keys.

Select Key Set. (page 8-32)
Select Key Set. (page 8-35)

Help Screen

If you have difficulty operating the machine, you can check how to operate it using the operation panel.

When [**Help**] is displayed on the message display, select [**Help**] to display the Help screen. The Help screen shows machine operation.

Select the [▼] key to display the next step or select the [▲] key to display the previous step.

Select the [**OK**] key to exit the Help screen.

Login/Logout

If you are setting a function that requires administrator rights, or if user login administration is enabled, you must enter your login user name and login password.

NOTE

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

You will be unable to login if you forget your login user name or login password. In this event, login with administrator privileges and change your login user name or login password.

Login

1 Enter the login user name.

1 If the login screen is displayed during operations, select "Login User Name" and select the [**OK**] key.

NOTE

- If [**Netwk Authentic.**] is selected as the user authentication method, [**Menu**] is displayed. Select [**Menu**] and select [**Login Type**] and then it is possible to select the authentication destination as [**Local Authentic.**] or [**Netwk Authentic.**].
- Select [**Menu**] and select [**Domain**] and then it is possible to select from the domains registered.

2 Enter the login user name using the numeric keys and select the [**OK**] key.

NOTE

If Login Operation is [**Select Character**], then the screen is displayed to enter details by selecting from the characters on the message display.

Function Defaults (page 8-28)

Character Entry Method (page 11-8)

2 Enter the login password.

1 Select "Login Password" and select the [**OK**] key.

2 Enter the login password and select the [**OK**] key.

Character Entry Method (page 11-8)

3 Select [Login].

Logout

To logout from the machine, select the [**Authentication/Logout**] key to return to the login user name/login password entry screen.

Users are automatically logged out in the following circumstances:

- When the machine enters the sleep state.
- When the auto panel reset function is activated.

Default Settings of the Machine

Before using this machine, configure such settings as date and time, network configuration, and energy saving functions as needed.

NOTE

The default settings of the machine can be changed in System Menu.
For settings that are configurable from System Menu, refer to the following:

Setup and Registration (System Menu) (page 8-1)

Setting Date and Time

Follow the steps below to set the local date and time at the place of installation.

When you send an E-mail using the transmission function, the date and time as set here will be printed in the header of the E-mail message. Set the date, time and time difference from GMT of the region where the machine is used.

NOTE

- If user login administration is enabled, you can only change the settings by logging in with administrator privileges. If user login administration is disabled, the user authentication screen appears. Enter a login user name and password, and select [**Login**].
- The factory default login user name and login password are set as shown below.

  Login User Name: **2100**

  Login Password: **2100**
- Be sure to set the time difference before setting the date and time.
- The correct time can be periodically set by obtaining the time from the network time server.

Command Center RX User Guide

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Date Setting**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**Time Zone**] > [**OK**] key > Select the time zone > [**OK**] key > [▲] [▼] key > [**Date/Time**] > [**OK**] key > Set the date/time > [**OK**] key > [▲] [▼] key > [**Date Format**] > [**OK**] key > Select the Date Format > [**OK**] key

Item	Description
Time Zone	Set the time difference from GMT. Choose the nearest listed location from the list. If you select a region that utilizes summer time, configure settings for summer time.
Date/Time	Set the date and time for the location where you use the machine. If you perform Send as E-mail, the date and time set here will be displayed on the header. Value: **Year (2000 to 2037), Month (1 to 12), Day (1 to 31), Hour (00 to 23), Minute (00 to 59), Second (00 to 59)**
Date Format	Select the display format of year, month, and date. The year is displayed in Western notation. Value: **Month/Day/Year, Day/Month/Year, Year/Month/Day**

NOTE

Select the [▲] or [▼] key to enter a number.
Select the [◀] or [▶] key to move the position being entered, which is shown highlighted.

Network Setup

Configuring the Wired Network

The machine is equipped with network interface, which is compatible with network protocols such as TCP/IP (IPv4), TCP/IP (IPv6), NetBEUI, and IPSec. It enables network printing on the Windows, Macintosh, UNIX and other platforms.

Set up TCP/IP (IPv4) to connect to the Windows network.

Be sure to connect the network cable before configuring the settings.

➔ Connecting LAN Cable (page 2-8)

For other network settings, refer to the following:

➔ Network Setting (page 8-7)

NOTE

If user login administration is enabled, you can only change the settings by logging in with administrator privileges. If user login administration is disabled, the user authentication screen appears. Enter a login user name and password, and select [**Login**].

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

IPv4 setting

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Wired Netwk. Set**] > [**OK**] key > [▲] [▼] key > [**TCP/IP Settings**] > [**OK**] key > [▲] [▼] key > [**IPv4 Setting**] > [**OK**] key

2 Configure the settings.

When setting the static IP address

1. [▲] [▼] key > [**DHCP**] > [**OK**] key > [▲] [▼] key > [**Off**] > [**OK**] key
2. [▲] [▼] key > [**IP Address**] > [**OK**] key
3. Set the IP address.

   NOTE
   You can set any value between 000 and 255.
   Use the numeric keys or select the [▲] or [▼] key to enter a number.
   Select the [◄] or [►] key to move the position being entered, which is shown highlighted.

4. Select the [**OK**] key.
5. [▲] [▼] key > [**Subnet Mask**] > [**OK**] key

6 Set the subnet mask.

> **NOTE**
> You can set any value between 000 and 255.
> Use the numeric keys or select the [▲] or [▼] key to enter a number.
> Select the [◀] or [▶] key to move the position being entered, which is shown highlighted.

7 Select the [**OK**] key.

8 [▲] [▼] key > [**Default Gateway**] > [**OK**] key

9 Set the default gateway.

> **NOTE**
> You can set any value between 000 and 255.
> Use the numeric keys or select the [▲] or [▼] key to enter a number.
> Select the [◀] or [▶] key to move the position being entered, which is shown highlighted.

10 Select the [**OK**] key.

11 [▲] [▼] key > [**Auto-IP**] > [**OK**] key

12 [**Off**] > [**OK**] key

> **IMPORTANT**
> **After changing the setting, restart the network from System Menu, or turn the machine OFF and then ON.**
>
> Restart Network (page 8-16)

> **NOTE**
> Ask your network administrator for the IP address in advance, and have it ready when you configure this setting.
> In the following cases, set the IP address of DNS server on the Command Center RX.
> - When using the host name with "DHCP" setting set to "Off"
> - When using the DNS server with IP address that is not assigned by DHCP automatically.
>
> Setting the IP Address of the DNS Server, refer to the following:
>
> **Command Center RX User Guide**

Configuring the Wireless Network

When the wireless network function is available on the machine and the connection settings are configured, it is possible to print or send in a wireless network (wireless LAN) environment. The configuration methods are as follows:

Configuration Method	Description	Reference Page
Configuring the Connection from the Operation Panel on This Machine	Use Wi-Fi Settings or Wireless Network to configure the network in details from System menu.	Wi-Fi Settings (page 8-8)
Setting the Connection by Using the Wi-Fi Setup Tool	This is the tool included in the Product Library. You can configure the connection according to the instructions provided by the wizard.	Setting the Connection by Using the Wi-Fi Setup Tool (page 2-20)
Configuring Connections on the Web Page	The connection can be set from the Command Center RX.	**Command Center RX User Guide**

NOTE

On a model with a Wi-Fi function, change the settings in "Primary Network" appropriately if you switch to other than a wired network interface.

Primary Network (page 8-16)

Setting the Connection by Using the Wi-Fi Setup Tool

To send the Wi-Fi settings configured in the Wi-Fi Setup Tool to the machine, connect the computer or handheld device with the machine locally. The connection methods are wired connection via LAN cable and wireless LAN connection (Wi-Fi Direct).

NOTE

- Before using the Wi-Fi Setup Tool, connect your computer to this machine locally with wired LAN cable or Wi-Fi Direct.
- To use Wi-Fi Direct, confirm that the Wi-Fi Direct is enabled (Wi-Fi Direct is set to [**On**]) and Restart Network from the operation panel, before your computer will be connected to this machine with Wi-Fi Direct.
- To use a wired LAN cable directly connected to the machine, the Auto-IP (Link-local) address will be assigned to the machine and the computer. This machine applies Auto-IP as the default settings.
- Configure the settings on the operation panel if your computer supports WPS.

  Wi-Fi Settings (page 8-8)

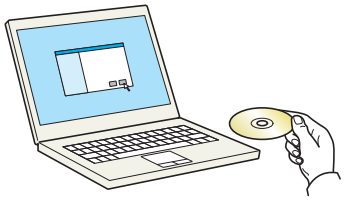
Wired Connection by Using LAN Cable

1 Connect the machine with a computer

1. Connect the machine with a computer via LAN cable when the machine is powered on.
2. Turn on the computer.

   IP address (link local address) of the machine and computer is generated automatically.

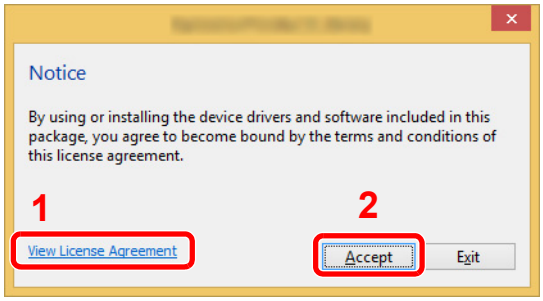
2 Insert the DVD.



NOTE

- Installation on Windows must be done by a user logged on with administrator privileges.
- If the "**Welcome to the Found New Hardware Wizard**" dialog box displays, select [**Cancel**].
- If the autorun screen is displayed, click [**Run setup.exe**].
- If the user account management window appears, click [**Yes**] ([**Allow**]).

3 Display the screen.

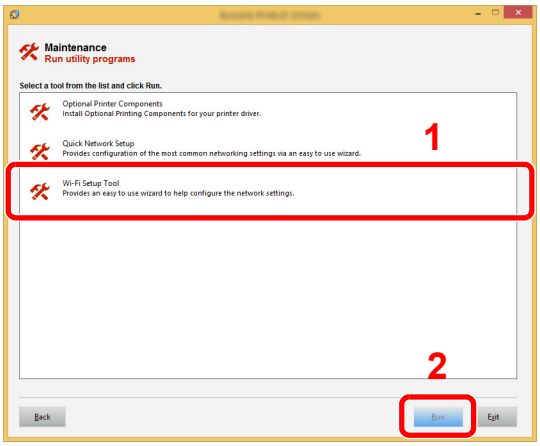


1 Click [**View License Agreement**] and read the License Agreement.

2 Click [**Accept**].

4 Select [Maintenance].

5 [Wi-Fi Setup Tool] > [OK]



6 Configure the settings.

1 [**Do not use automatic configuration**] > [**Next**] > [**Next**]

2 [**Use LAN cable**] > [**Next**] > [**Next**]

3 [**Easy setup**] > [**Next**]

The machine is detected.

NOTE

- Only one machine can be searched using Wi-Fi Setup Tool. It may take times to search the machine.
- If the machine is not detected, select [**Advanced setup**] > [**Next**]. Select [**Express**] or [**Custom**] as device discovery method and specify the IP address or host name to search the machine.

4 Select the machine > [**Next**]

5 Select [**Use the device settings.**] on [**Authentication mode**], and enter the login user name and password. Login user name and Password are both Admin.

6 Configure the communication settings > [**Next**]

7 Change the settings of access point as necessary > [**Next**]

The network is configured.

Wireless LAN Connection by Using Wi-Fi Direct

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct Set**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**On**] > [**OK**] key

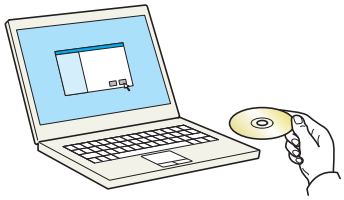
3 Restart the network.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Restart Network**] > [**OK**] key > [**Yes**]

4 Connect a computer or a handheld device with the machine.

➔ Setting Wi-Fi Direct (page 2-24)

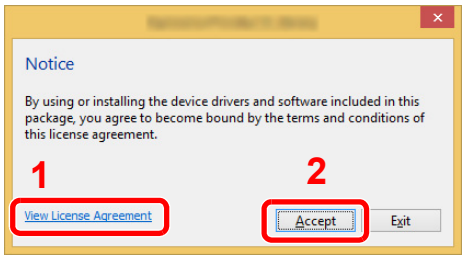
5 Insert the DVD.



NOTE

- Installation on Windows must be done by a user logged on with administrator privileges.
- If the "**Welcome to the Found New Hardware Wizard**" dialog box displays, select [**Cancel**].
- If the autorun screen is displayed, click [**Run setup.exe**].
- If the user account management window appears, click [**Yes**] ([**Allow**]).

6 Display the screen.

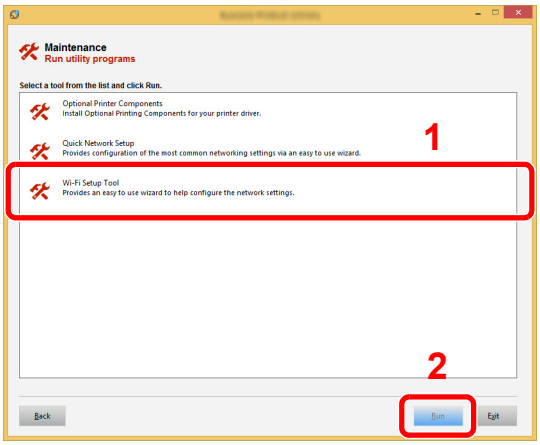


1 Click [**View License Agreement**] and read the License Agreement.

2 Click [**Accept**].

7 Select [Maintenance].

8 [Wi-Fi Setup Tool] > [OK]



9 Configure the settings.

1 [**Do not use automatic configuration**] > [**Next**] > [**Next**]

2 [**Wi-Fi Direct**] > [**Next**] > [**Next**]

3 [**Advanced setup**] > [**Next**]

Select [**Express**] or [**Custom**] as device discovery method and specify the IP address or host name to search the machine.

4 Select the machine > [**Next**]

5 Select [**Use the device settings.**] on [**Authentication mode**], and enter the login user name and password. Login user name and Password are both Admin.

6 Configure the communication settings > [**Next**]

7 Change the settings of access point as necessary > [**Next**]

The network is configured.

Setting Wi-Fi Direct

When the wireless network function is available on the machine, setting Wi-Fi Direct enables you to print from the Wi-Fi Direct environment. The configuration methods are as follows:

Configuring the Connection from the Operation Panel on This Machine

Connecting to Computers or Handheld Devices that Support Wi-Fi Direct

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct Set**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**On**] > [**OK**] key

3 Restart the network.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Restart Network**] > [**OK**] key > [**Yes**]

4 Specify the machine name from the computer or handheld device.

If a confirmation message appears on the operation panel of the machine, select [**Yes**].

The network between this machine and the handheld device is configured.

Connecting to Computers or Handheld Devices Unsupported Wi-Fi Direct

Here, we'll explain the procedures for connecting to iOS handheld devices.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct Set**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**On**] > [**OK**] key

3 Restart the network.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Restart Network**] > [**OK**] key > [**Yes**]

4 [Wi-Fi Direct] key > [▲] [▼] key > [Detail Info] > [OK] key

5 Note the network name (SSID), IP address, and password.

6 Configure the handheld device.

1 [**Settings**] > [**Wi-Fi**]

2 Select the network name (SSID) appeared in step 5 from the list.

3 Enter the password that was provided in step 5 > [**Connect**]

The network between this machine and the handheld device is configured.

Configuring the Connection by Using Push Button

When your computer or handheld device does not support Wi-Fi Direct but supports WPS, you can configure the network using push button.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct Set**] > [**OK**] key > [▲] [▼] key > [**Wi-Fi Direct**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**On**] > [**OK**] key

3 Restart the network.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key > [▲] [▼] key > [**Restart Network**] > [**OK**] key > [**Yes**]

4 [Wi-Fi Direct] key > [▲] [▼] key > [PushButton Setup] > [OK] key

5 Press the push button on the computer or handheld device and select [Push Button] on the screen of operation panel simultaneously > [Next].

The network between this machine and the computer or handheld device is configured.

IMPORTANT

You can connect up to three handheld devices at the same time using Wi-Fi Direct setting. When the devices that support Wi-Fi Direct are connected, if you want to connect other device, disconnect the already-connected devices from the network. The disconnection methods are as follows:

- **Disconnect the network from the computer or handheld computer**
- **Disconnecting all devices from the network on the operation panel**

  Select [Wi-Fi Direct] key > [▲] [▼] key > [ConnectionStatus] > [OK] key > [Menu] > [▲] [▼] key > [Disconnect All] > [OK] key
- **Configuring auto disconnecting time from the System menu**

  ➔ Wi-Fi Direct Set (page 8-7)
- **Configuring auto disconnecting time from the Command Center RX**

  ➔ **Command Center RX User Guide**

Energy Saver function

If a certain period of time elapses after the machine is last used, the machine automatically enters sleep mode, which minimizes power consumption. If the machine is not used while in sleep mode, the power automatically turns off.

NOTE

If user login administration is enabled, you can only change the settings by logging in with administrator privileges. If user login administration is disabled, the user authentication screen appears. Enter a login user name and password, and select [**Login**].

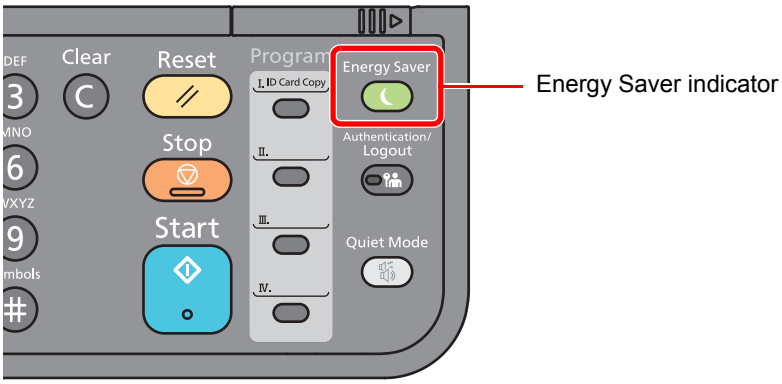
The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

Sleep

To enter Sleep, select the [**Energy Saver**] key. Message display and all indicators on the operation panel will go out to save a maximum amount of power except the Energy Saver indicator. This status is referred to as Sleep.



If print data is received during Sleep, the machine automatically wakes up and starts printing.

Also when fax data arrives while the machine is in Sleep, the machine automatically wakes up and starts printing.

To resume, perform the following actions.

- Select the [**Energy Saver**] key.

Recovery time from Sleep Mode is as follows.

- Within 12 seconds

Note that ambient environmental conditions, such as ventilation, may cause the machine to respond more slowly.

Auto Sleep

Auto Sleep automatically switches the machine into Sleep if left idle for a preset time.

The amount of time before entering Sleep is as follows.

- 1 minute (default setting)

To change the preset sleep time, refer to the following:

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Timer Setting**] > [**OK**] key > [▲] [▼] key > [**Sleep Timer**] > [**OK**] key

2 Set the Sleep time.

1 Enter the Sleep time.

> **NOTE**
> You can set any value below.
> - For Europe: 1 to 60 minutes
> - Except for Europe: 1 to 240 minutes
>
> Use the numeric keys or select the [▲] or [▼] key to enter a number.

2 Select the [**OK**] key.

Sleep Rules (models for Europe)

You can set whether sleep mode operates for each function. When the machine enters sleep mode, the ID card cannot be recognized.

For more information on Sleep Rules settings, refer to the following:

➔ Sleep Rules (models for Europe) (page 8-26)

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Timer Setting**] > [**OK**] key > [▲] [▼] key > [**Sleep Rules**] > [**OK**] key

2 Set the Sleep rule.

1 Select the function to be set, and select the [**OK**] key.

[**Card Reader**] is displayed when the optional Card Authentication Kit is activated.

2 [▲] [▼] key > [**Off**] or [**On**] > [**OK**] key

Repeat steps 2-1 to 2-2 to set for a different function.

Sleep Level (Energy Saver and Quick Recovery) (models except for Europe)

For sleep level, you can toggle between the following two modes: Energy Saver mode and Quick Recovery mode. The default setting is Energy Saver mode.

Energy Saver mode reduces power consumption even more than Quick Recovery mode, and allows Sleep Mode to be set separately for each function. The ID card cannot be recognized.

To resume, select the [**Energy Saver**] key on the operation panel. If print data is received during Sleep, the machine automatically wakes up and starts printing.

For more information on Sleep Level settings, refer to the following:

➔ Sleep Level (models except for Europe) (page 8-26)

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Timer Setting**] > [**OK**] key > [▲] [▼] key > [**Sleep Level**] > [**OK**] key

2 Select the Sleep level.

[▲] [▼] key > [**Quick Recovery**] or [**Energy Saver**] > [**OK**] key

When [**Energy Saver**] is set, next go on to set whether or not to use Energy Saver mode for each function.

3 Set the Sleep rule.

1. Select the function to be set, and select the [**OK**] key.

   [**Card Reader**] is displayed when the optional Card Authentication Kit is activated.

2. [▲] [▼] key > [**Off**] or [**On**] > [**OK**] key

   Repeat steps 3-1 to 3-2 to set for a different function.

Power Off Rule (models for Europe)

The Power Off Rule is used to stop the power from automatically turning off.

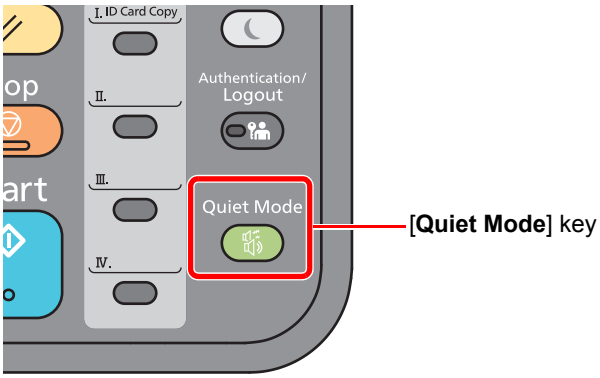
The default preset time is 3 days.

For more information on Power Off Rule settings, refer to the following:

➔ Power Off Rule (models for Europe) (page 8-27)

Quiet Mode

Lower print speed for quiet processing. Select this mode when the running noise is uncomfortable.
When the [**Quiet Mode**] key is selected, the [**Quiet Mode**] key blinks and Quiet Mode is enabled.



NOTE

The processing speed will be slower than normal when in Quiet Mode.

Installing Software

Install appropriate software on your PC from the included DVD (Product Library) if you want to use the printer function of this machine or perform TWAIN / WIA transmission or Network FAX transmission from your PC.

Software on DVD (Windows)

You can use either [**Express Install**] or [**Custom Install**] can be selected for the installation method. [**Express Install**] is the standard installation method. To install components that cannot be installed by [**Express Install**], use [**Custom Install**].

For details on Custom Installation, refer to the following:

Custom Install (page 2-33)

Software	Description	Express Install
KX DRIVER	This driver enables files on a computer to be printed by the machine. Multiple page description languages (PCL XL, KPDL, etc.) are supported by a single driver. This printer driver allows you to take full advantage of the features of the machine. Use this driver to create PDF files.	○
KX XPS DRIVER	This printer driver supports the XPS (XML Paper Specification) format developed by Microsoft Corporation.	-
KPDL mini-driver/PCL mini-driver	This is a Microsoft MiniDriver that supports PCL and KPDL. There are some restrictions on the machine features and option features that can be used with this driver.	-
FAX Driver	This makes it possible to send a document created in a computer software application as a fax via the machine.	-
Kyocera TWAIN Driver	This driver enables scanning on the machine using a TWAIN-compliant software application.	○
Kyocera WIA Driver	WIA (Windows Imaging Acquisition) is a function of Windows that enables reciprocal communication between an imaging device such as a scanner and an image processing software application. An image can be acquired using a WIA-compliant software application, which is convenient when a TWAIN-compliant software application is not installed in the computer.	-
KYOCERA Net Viewer	This is a utility that enables monitoring of the machine on the network.	-
Status Monitor	This is a utility that monitors the printer status and provides an ongoing reporting function.	○
KYOCERA Net Direct Print	This makes it possible to print a PDF file without starting Adobe Acrobat/ Reader.	-
FONTS	These are display fonts that enable the machine's built-in fonts to be used in a software application.	○

NOTE

- Installation on Windows must be done by a user logged on with administrator privileges.
- WIA Driver and KX XPS DRIVER cannot be installed on Windows XP.

Installing Software in Windows

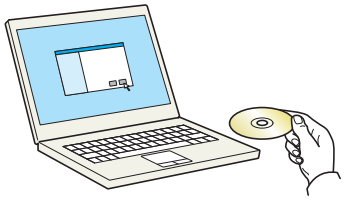
Express Install

The following procedure is an example for installing the software in Windows 8.1 using [**Express Install**].

For details on Custom Installation, refer to the following:

Custom Install (page 2-33)

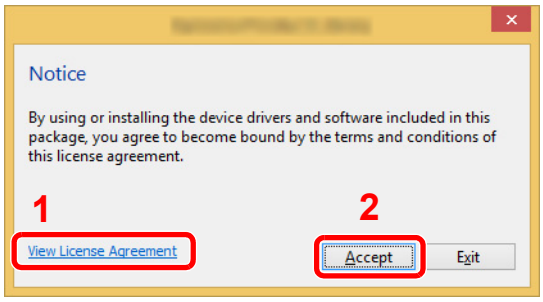
1 Insert the DVD.



NOTE

- Installation on Windows must be done by a user logged on with administrator privileges.
- If the "**Welcome to the Found New Hardware Wizard**" dialog box displays, select [**Cancel**].
- If the autorun screen is displayed, click [**Run setup.exe**].
- If the user account management window appears, click [**Yes**] ([**Allow**]).

2 Display the screen.

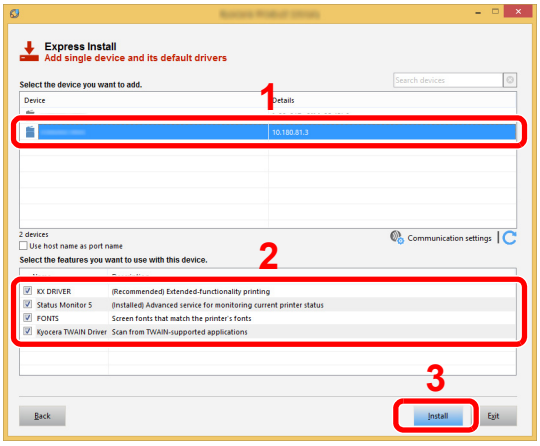


1 Click [**View License Agreement**] and read the License Agreement.

2 Click [**Accept**].

3 Select [Express Install].

4 Install the software.



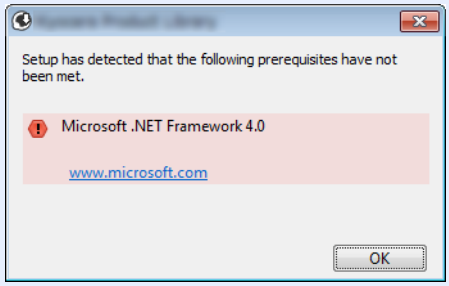
You can also select [**Use host name for port name**] and set to use the host name of the standard TCP/IP port. (A USB connection cannot be used.)

IMPORTANT

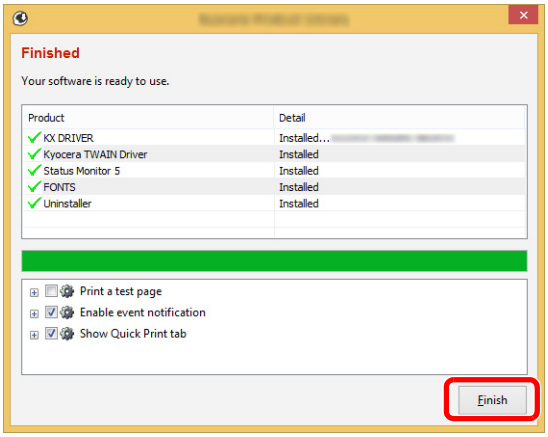
If Wi-Fi or Wi-Fi Direct is enabled, be sure to specify the IP address for the port name. Installation may fail if the host name is specified.

NOTE

- The machine cannot be detected unless it is on. If the computer fails to detect the machine, verify that it is connected to the computer via a network or USB cable and that it is turned on and click (Reload).
- If the Windows security window appears, click [**Install this driver software anyway**].
- To install Status Monitor on Windows versions preceding Windows 8, it is necessary to install Microsoft .NET Framework 4.0 beforehand.



5 Finish the installation.



When "**Your software is ready to use**" appears, you can use the software. To print a test page, click the "**Print a test page**" checkbox and select the machine.

Click [**Finish**] to exit the wizard.

NOTE

When you have selected [**Device settings**] in Windows XP, the dialog box for device setting will appear after [**Finish**] is clicked. Configure the settings for options installed on the machine. Device settings can be configured after the installation is completed.

Printer Driver User Guide

If a system restart message appears, restart the computer by following the screen prompts. This completes the printer driver installation procedure.

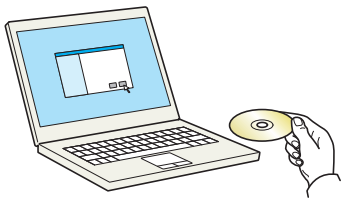
If you are installing the TWAIN driver, continue by configuring the following:

Setting TWAIN Driver (page 2-40)

Custom Install

The following procedure is an example for installing the software in Windows 8.1 using [**Custom Install**].

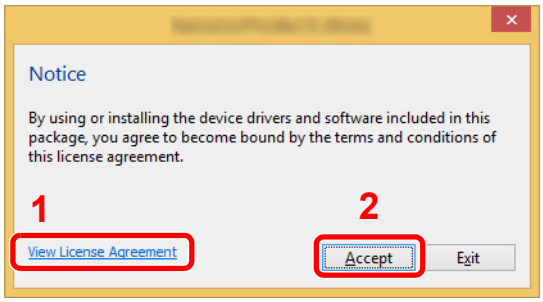
1 Insert the DVD.



NOTE

- Installation on Windows must be done by a user logged on with administrator privileges.
- If the "**Welcome to the Found New Hardware Wizard**" dialog box displays, select [**Cancel**].
- If the autorun screen is displayed, click [**Run setup.exe**].
- If the user account management window appears, click [**Yes**] ([**Allow**]).

2 Display the screen.



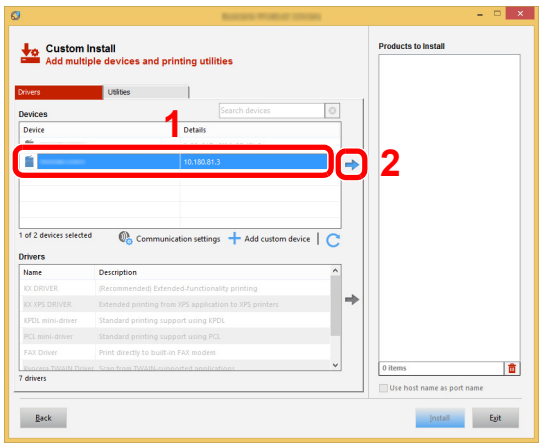
1 Click [**View License Agreement**] and read the License Agreement.

2 Click [**Accept**].

3 Select [Custom Install].

4 Install the software.

1 Select the device to be installed.



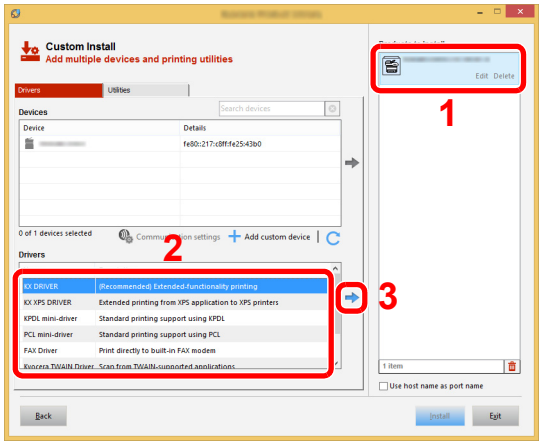
IMPORTANT

If Wi-Fi or Wi-Fi Direct is enabled, be sure to specify the IP address for the port name. Installation may fail if the host name is specified.

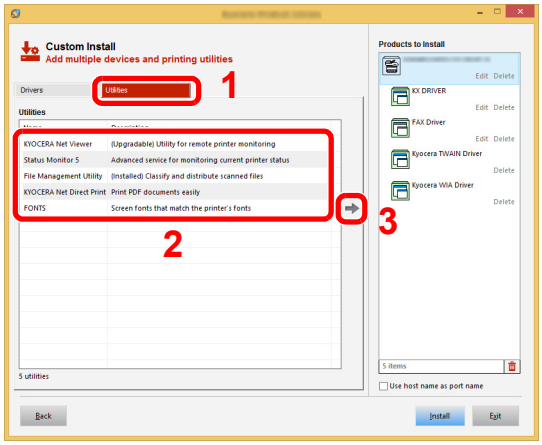
NOTE

- The machine cannot be detected unless it is on. If the computer fails to detect the machine, verify that it is connected to the computer via a network or USB cable and that it is turned on and click (Reload).
- If the desired device does not appear, select [**Add custom device**] to directly select the device.

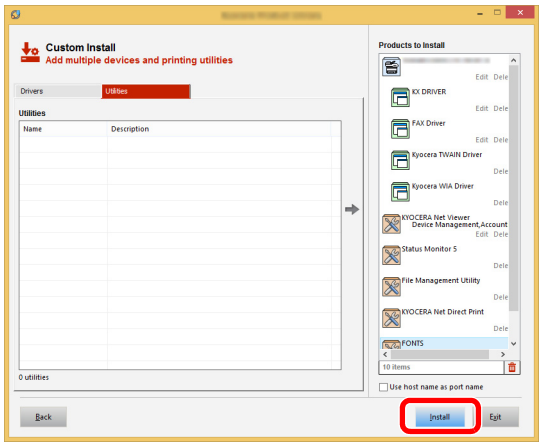
2 Select the driver to be installed.



3 Click [**Utility**] tab and select the utility to be installed.

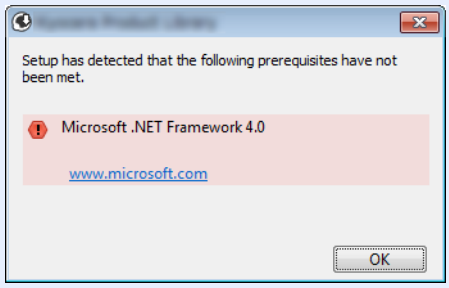


4 Click [**Install**].

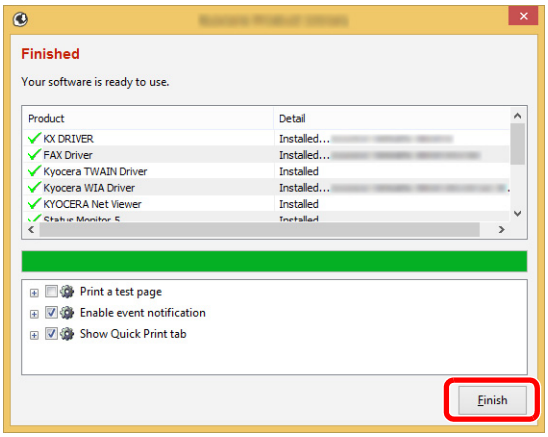


NOTE

To install Status Monitor on Windows versions preceding Windows 8, it is necessary to install Microsoft .NET Framework 4.0 beforehand.



5 Finish the installation.



When "**Your software is ready to use**" appears, you can use the software. To print a test page, click the "**Print a test page**" checkbox and select the machine.

Click [**Finish**] to exit the wizard.

NOTE

When you have selected [**Device settings**] in Windows XP, the dialog box for device setting will appear after [**Finish**] is clicked. Configure the settings for options installed on the machine. Device settings can be configured after the installation is completed.

Printer Driver User Guide

If a system restart message appears, restart the computer by following the screen prompts. This completes the printer driver installation procedure.

If you are installing the TWAIN driver, continue by configuring the following:

Setting TWAIN Driver (page 2-40)

Uninstalling the Software

Perform the following procedure to delete the Software from your computer.

NOTE

Uninstallation on Windows must be done by a user logged on with administrator privileges.

1 Display the screen.

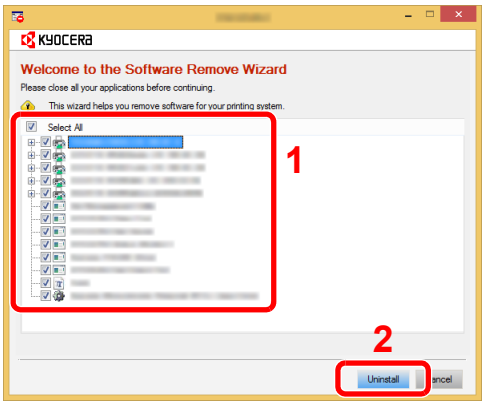
Click [**Search**] in charms, and enter "Uninstall Kyocera Product Library" in the search box. Select [**Uninstall Kyocera Product Library**] in the search list.

NOTE

In Windows 7, click [**Start**] button on the Windows and then select [**All Programs**], [**Kyocera**], and [**Uninstall Kyocera Product Library**] to display the Uninstall Wizard.

2 Uninstall the software.

Place a check in the check box of the software to be deleted.



3 Finish uninstalling.

If a system restart message appears, restart the computer by following the screen prompts. This completes the software uninstallation procedure.

NOTE

The software can also be uninstalled using the Product Library.

In the Product Library screen, click [**Uninstall**], and follow the on-screen instructions to uninstall the software.

Installing Software in Mac Computer

The machine's printer functionality can be used by a Mac computer.

NOTE

- Installation on Mac OS must be done by a user logged on with administrator privileges.
- When printing from a Macintosh computer, set the machine's emulation to [**KPDL**] or [**KPDL(Auto)**].

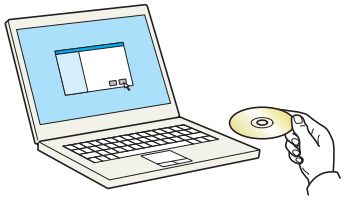
Printer (page 8-33)

- If connecting by Bonjour, enable Bonjour in the machine's network settings.

Bonjour (page 8-12)

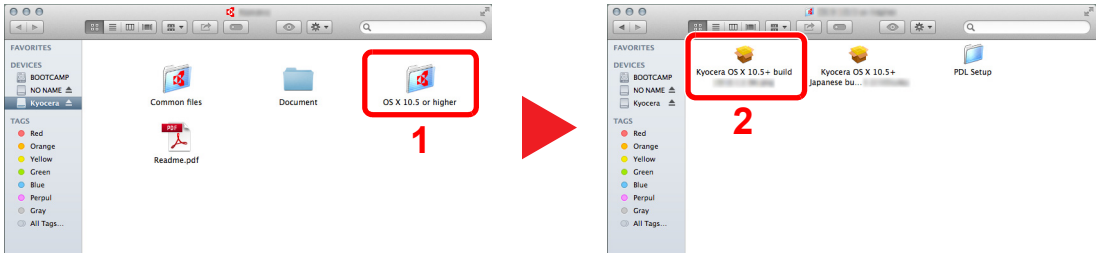
- In the Authenticate screen, enter the name and password used to log in to the operating system.
- When printing via AirPrint, you do not have to install the software.

1 Insert the DVD.



Double-click the [**Kyocera**] icon.

2 Display the screen.



Double-click [**Kyocera OS X x.x**] depending on your Mac OS version.

3 Install the Printer Driver.

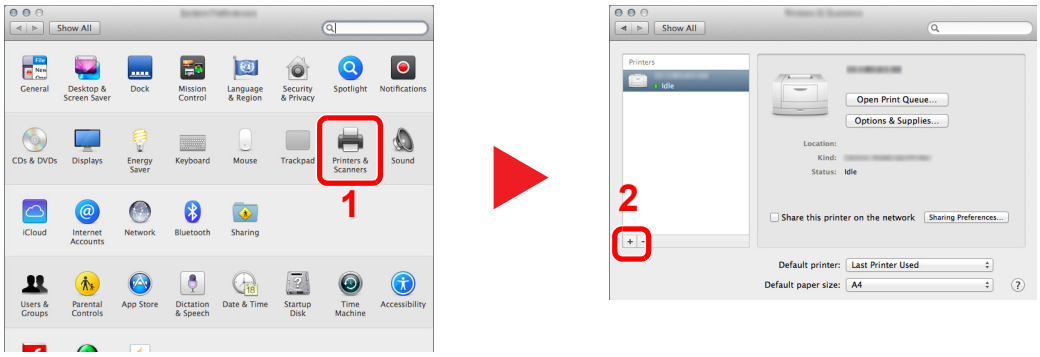
Install the printer driver as directed by the instructions in the installation software.

This completes the printer driver installation.

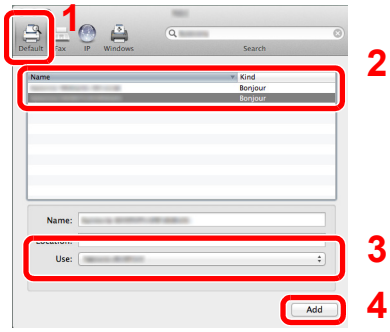
If a USB connection is used, the machine is automatically recognized and connected.
If an IP connection is used, the settings below are required.

4 Configure the printer.

1 Open System Preferences and add the printer.



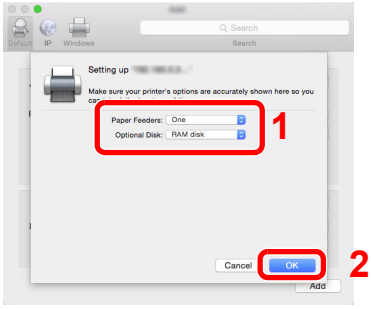
2 Select [**Default**] and click the item that appears in "Name" and then select the driver in "Use".



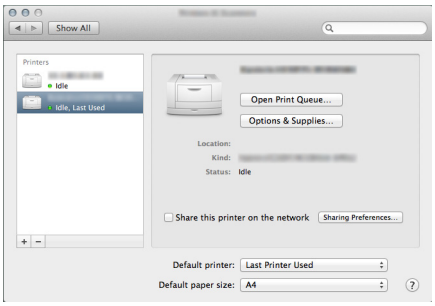
NOTE

When using an IP connection, click the IP icon for an IP connection and then enter the host name or IP address. The number entered in "Address" will automatically appear in "Name". Change if needed.

3 Select the options available for the machine.



4 The selected machine is added.



Setting TWAIN Driver

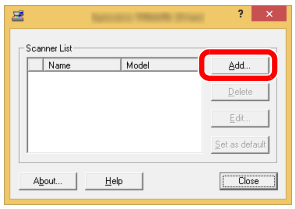
Register this machine to the TWAIN Driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Click [**Search**] in charms, and enter "TWAIN Driver Setting" in the search box. Select [**TWAIN Driver Setting**] in the search list.

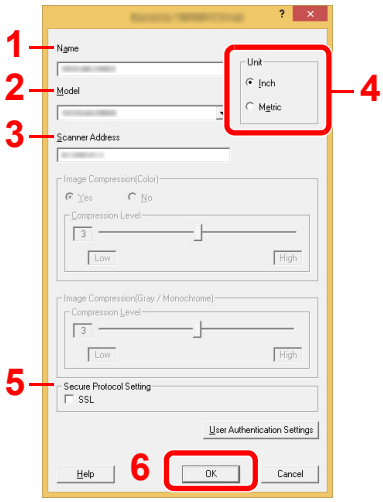
> **NOTE**
> In Windows 7, select [**Start**] button on the Windows, [**All Programs**], [**Kyocera**] and then [**TWAIN Driver Setting**]. TWAIN Driver screen appears.

2 Click [**Add**].



2 Configure TWAIN Driver.

(Network)



1 Enter the machine name.

2 Select this machine from the list.

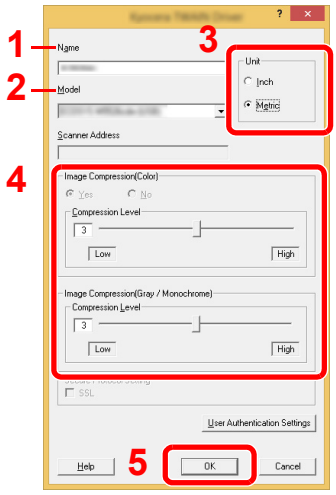
3 Enter the machine's IP address or host name.

4 Set units of measurement.

5 When using SSL, select the checkbox beside SSL.

6 Click [**OK**].

(USB)



1 Enter the machine name.

2 Select this machine from the list.

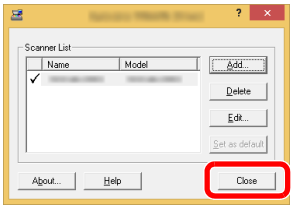
3 Set units of measurement.

4 Set Compression Level.

5 Click [**OK**].

> **NOTE**
> When the machine's IP address or host name is unknown, contact Administrator.

3 Finish registering.



NOTE

Click [**Delete**] to delete the added machine. Click [**Edit**] to change names.

Setting WIA Driver

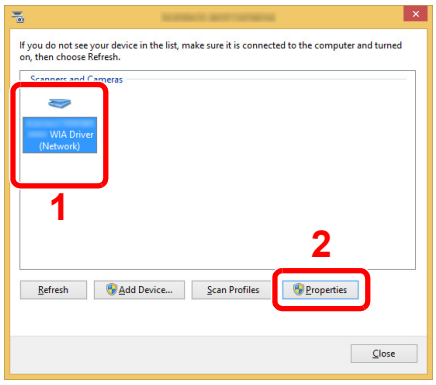
Register this machine to the WIA Driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Click [**Search**] in charms, and enter "View scanners and cameras" in the search box. Select [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

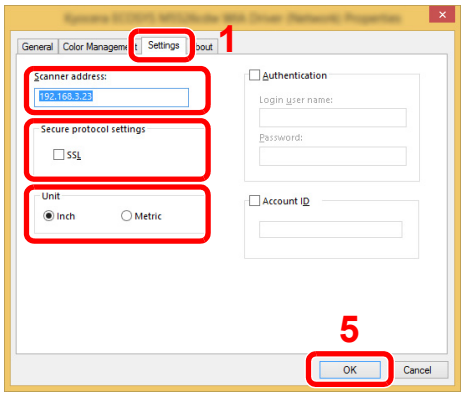
> **NOTE**
>
> In Windows 7, click [**Start**] button on the Windows and enter [**Scanner**] in [**Program and File Search**]. Click [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

2 Select the same name as this machine from WIA Drivers, and click [**Properties**].



2 Configure WIA Driver.

(Network)



1 Click the [**Settings**] tab.

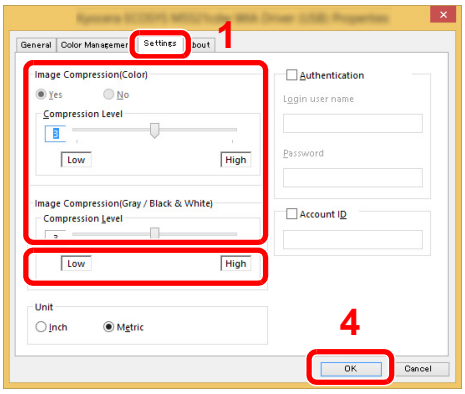
2 Enter the machine IP addresses or host name.

3 When using SSL, select the checkbox beside SSL.

4 Set units of measurement.

5 Click [**OK**].

(USB)



1 Click the [**Settings**] tab.

2 Set the Compression Level.

3 Set units of measurement.

4 Click [**OK**].

Checking the Counter

Check the number of sheets printed and scanned.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Counter**] > [**OK**] key

2 Check the counter.

Select the item you want to check, and select the [**OK**] key.

Additional Preparations for the Administrator

In addition to the information provided in this chapter, the administrator of this machine should check the following, and configure the settings as needed.

Sending Documents to a PC

To Send to a Shared Folder (Send to Folder (SMB))

To send a document that has been loaded, you need to create a shared folder to receive the document on your computer.

Preparation for Sending a Document to a Shared Folder in a PC (page 3-10)

To E-mail Scanned Images (Send as E-mail)

You can send a scanned original image as an E-mail attachment.

E-mail Settings (page 2-51)

Strengthening the Security

This machine is shipped with two default users registered one with Machine Administrator rights, and another with Administrator rights.Logging in as this user will allow you to configure all settings; therefore, please change the login user name and password.

In addition, this machine is equipped with user authentication function, which can be configured to limit the access to this machine to only those who have a registered login name and password.

User Authentication and Accounting (User Login, Job Accounting) (page 9-1)

I want to...	Function	Reference page
Restrict the users of the machine.	User Login	page 9-2
	Auto Panel Reset	page 8-26
	ID Card Settings*1	page 9-19
Restrict the basic functions that can be used.	Group Authorization Set.	page 9-14
Prevent the data stored in the machine from being leaked.	PDF Encryption Functions	page 6-26
Protect the transmission from interception and wiretapping.	IPP over SSL	page 8-14
	HTTPS	page 8-14
	LDAP Security	Refer to the **Command Center RX User Guide**.
	SMTP Security	Refer to the **Command Center RX User Guide**.
	POP3 Security	Refer to the **Command Center RX User Guide**.
	FTP Encrypted TX	page 6-28
	IPSec	page 8-12
	SNMPv3	page 8-12

*1 The optional Card Authentication Kit is required.

Command Center RX

If the machine is connected to the network, you can configure various settings using Command Center RX.

This section explains how to access Command Center RX, and how to change security settings and the host name.

Command Center RX User Guide

NOTE

To fully access the features of the Command Center RX pages, enter the User Name and Password and click [**Login**]. Entering the predefined administrator password allows the user to access all pages, including Document Box, Address Book, and Settings on the navigation menu. The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)

Login User Name: **Admin**
Login Password: **Admin**

Settings that the administrator and general users can configure in Command Center RX are as follows.

Setting	Description	Administ-rator	General User
Device Information	The machine's structure can be checked.	○	○
Job Status	Displays all device information, including print and scan jobs, storing jobs, scheduled jobs, and job log history.	○	○
Document Box[*1]	Configures settings related to the Job Box.	○	-
Address Book	Create, edit, or delete addresses and address groups.	○	○[*2]
Device Settings	Configure the advanced settings of the machine.	○	-
Function Settings	Configure the advanced function settings.	○	-
Network Settings	Configure the network advanced settings.	○	-
Security Settings	Configure the security advanced settings.	○	-
Management Settings	Configure the advanced management settings.	○	-

*1 The expansion memory or SD/SDHC memory card is required.
*2 The logged in user may not be able to configure some settings, depending on the permissions of the user.

NOTE

Here, information on the FAX settings has been omitted.

FAX Operation Guide

Accessing Command Center RX

1 Display the screen.

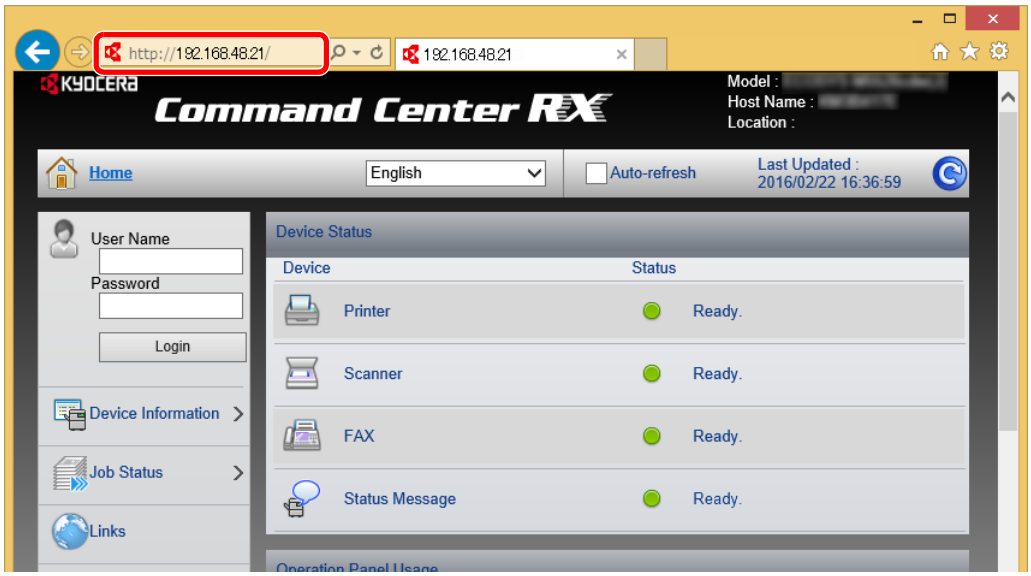
1 Launch your Web browser.

2 In the address or location bar, enter the machine's IP address or the host name.

Click in the following order to check the machine's IP address and the host name.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key > [▲] [▼] key > [**Status Page**] > [**OK**] key > [**Yes**]

Examples: https://192.168.48.21/ (for IP address)
https://MFP001 (if the host name is "MFP001")



The web page displays basic information about the machine and Command Center RX as well as their current status.

NOTE

If the screen "There is a problem with this website's security certificate." is displayed, configure the certificate.

➔ **Command Center RX User Guide**

You can also continue the operation without configuring the certificate.

2 Configure the function.

Select a category from the navigation bar on the left of the screen.

NOTE

To fully access the features of the Command Center RX pages, enter the User Name and Password and click [**Login**]. Entering the predefined administrator password allows the user to access all pages, including Document Box, Address Book, and Settings on the navigation menu. The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)

Login User Name: **Admin**
Login Password: **Admin**

Changing Security Settings

1 Display the screen.

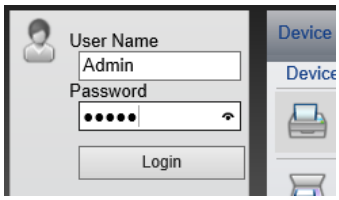
1 Launch your Web browser.

2 In the address or location bar, enter the machine's IP address or the host name.

Click in the following order to check the machine's IP address and the host name.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key > [▲] [▼] key > [**Status Page**] > [**OK**] key > [**Yes**]

3 Log in with administrator privileges.



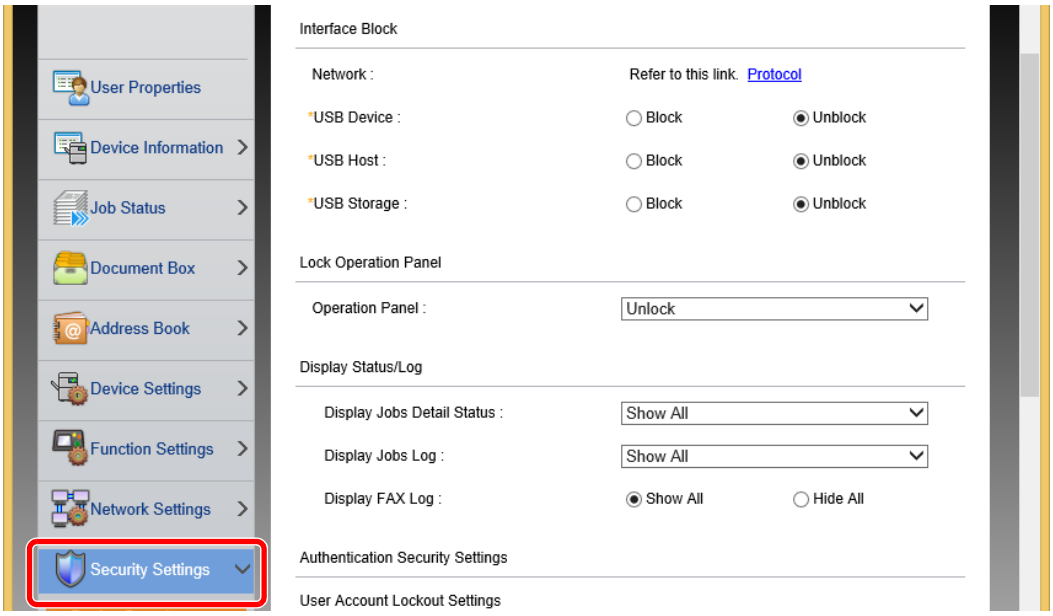
The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)

Login User Name: Admin
Login Password: Admin

4 Click [**Security Settings**].

2 Configure the Security Settings.

From the [**Security Settings**] menu, select the setting you want to configure.



NOTE

For details on settings related to certificates, refer to the following:

➔ **Command Center RX User Guide**

Changing Device Information

1 Display the screen.

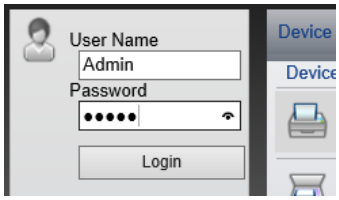
1 Launch your Web browser.

2 In the address or location bar, enter the machine's IP address or the host name.

Click in the following order to check the machine's IP address and the host name.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key > [▲] [▼] key > [**Status Page**] > [**OK**] key > [**Yes**]

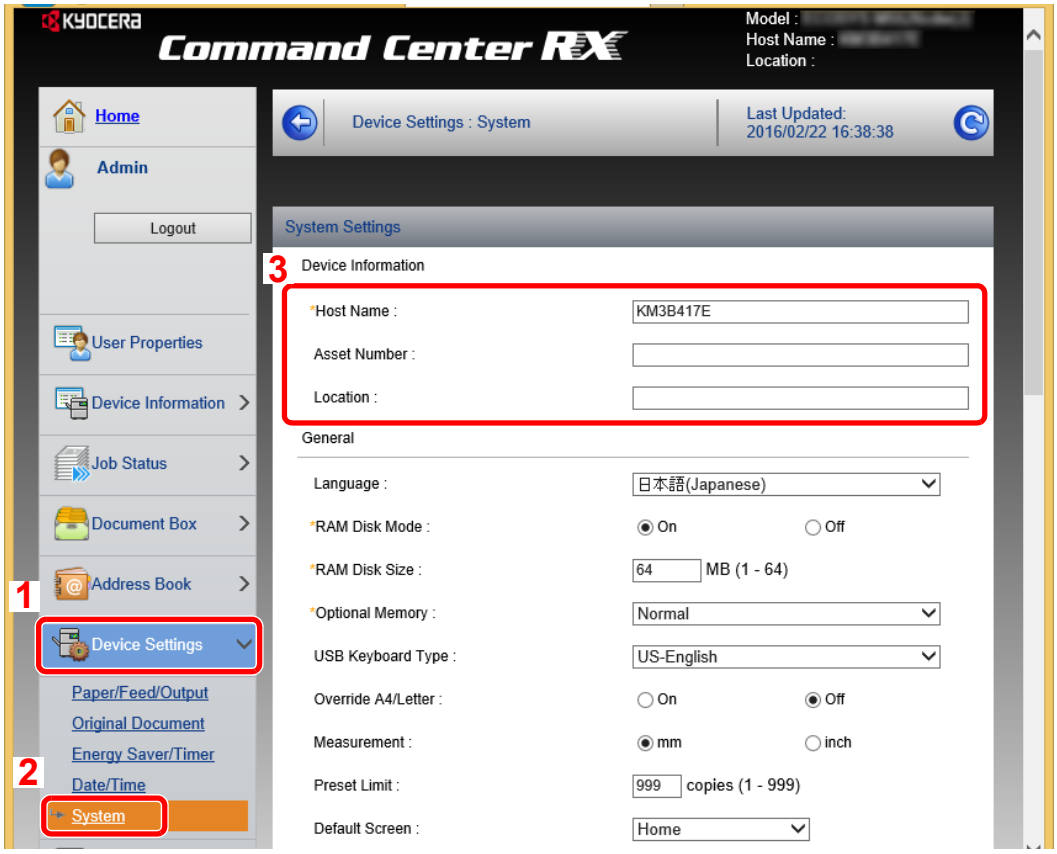
3 Log in with administrator privileges.



The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)

Login User Name: Admin
Login Password: Admin

4 From the [**Device Settings**] menu, click [**System**].



2 Specify the host name.

Enter the device information, and then click [**Submit**].

IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

To restart the network, click [Reset] in the [Management Settings] menu, and then click [Restart Network] in "Restart".

E-mail Settings

By configuring the SMTP settings, it is possible to send the images scanned by the machine as E-mail attachments and to send E-mail notices when jobs have been completed.

To use this function, this machine must be connected to a mail server using the SMTP protocol.

In addition, configure the following.

- SMTP settings
  Item: "SMTP Protocol" and "SMTP Server Name" in "SMTP"
- The sender address when the machine sends E-mails
  Item: "Sender Address" in "E-mail Send Settings"
- The setting to limit the size of E-mails
  Item: "E-mail Size Limit" in "E-mail Send Settings"

The procedure for specifying the SMTP settings is explained below.

1 Display the screen.

Display the SMTP Protocol screen.

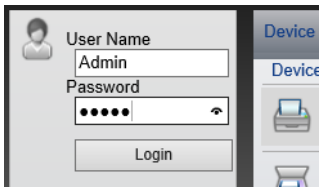
1 Launch your Web browser.

2 In the address or location bar, enter the machine's IP address or the host name.

Click in the following order to check the machine's IP address and the host name.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key > [▲] [▼] key > [**Status Page**] > [**OK**] key > [**Yes**]

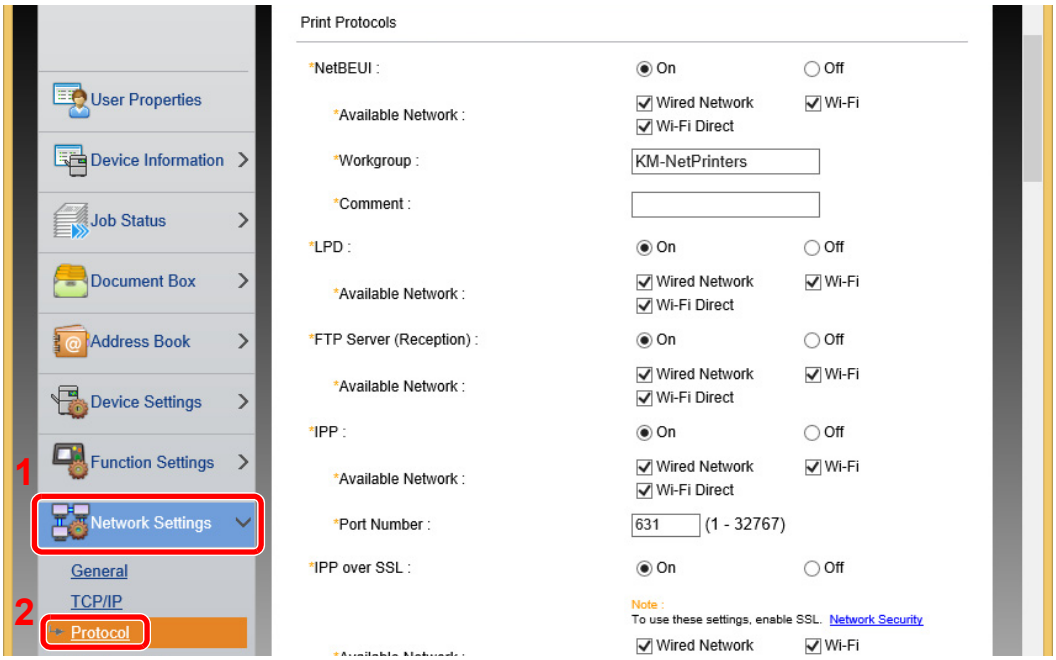
3 Log in with administrator privileges.



The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)

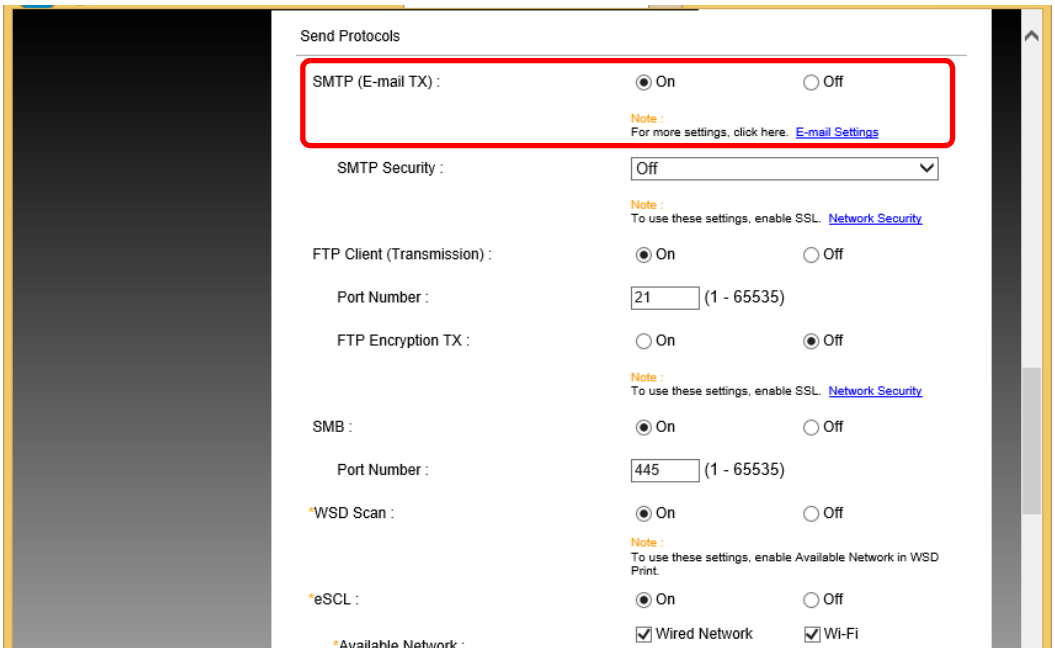
Login User Name: Admin
Login Password: Admin

4 From the [**Network Settings**] menu, click [**Protocol**].



2 Configure the settings.

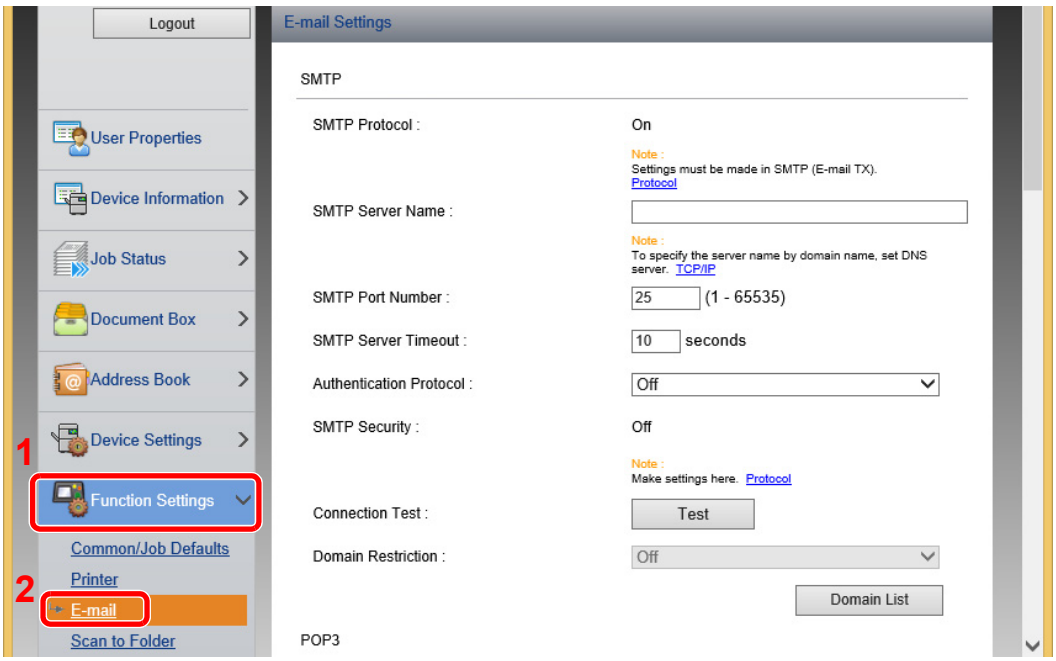
Set "SMTP (E-mail TX)" to [**On**] in the "Send Protocols".



3 Display the screen.

Display the E-mail Settings screen.

From the [**Function Settings**] menu, click [**E-mail**].



4 Configure the settings.

Enter "SMTP" and "E-mail Send Settings" items.

Setting		Description
SMTP		Set to send e-mail from the machine.
	SMTP Protocol	Displays the SMTP protocol settings. Check that "SMTP Protocol" is set to [**On**]. If [**Off**] is set, click [**Protocol**] and set the SMTP protocol to [**On**].
	SMTP Server Name[*1]	Enter the host name or IP address of the SMTP server.
	SMTP Port Number	Specify the port number to be used for SMTP. The default port number is 25.
	SMTP Server Timeout	Set the amount of time to wait before time-out in seconds.
	Authentication Protocol	To use SMTP authentication, enter the user information for authentication.
	SMTP Security	Set SMTP security. Turn on "SMTP Security" in "SMTP (E-mail TX)" on the [**Protocol Settings**] page.
	Connection Test	Tests to confirm that the E-mail function is operating under the settings without sending a mail.
	Domain Restriction	To restrict the domains, click the [**Domain List**] and enter the domain names of addresses to be allowed or rejected. Restriction can also be specified by e-mail address.
POP3	**POP3 Protocol**	You don't need to set the following items when you only enable the function of sending e-mail from the machine. Set the following items if you want to enable the function of receiving e-mail on the machine. ➔ **Command Center RX User Guide**
	Check Interval	
	Run once now	
	Domain Restriction	
	POP3 User Settings	
E-mail Send Settings	**E-mail Size Limit**	Enter the maximum size of E-mail that can be sent in kilobytes. When E-mail size is greater than this value, an error message appears and E-mail sending is cancelled. Use this setting if you have set E-mail Size Limit for SMTP server. If not, enter a value of 0 (zero) to enable E-mail sending regardless of the size limit.
	Sender Address[*1]	Specify the sender address for when the machine sends E-mails, such as the machine administrator, so that a reply or non-delivery report will go to a person rather than to the machine. The sender address must be entered correctly for SMTP authentication. The maximum length of the sender address is 128 characters.
	Signature	Enter the signature. The signature is free form text that will appear at the end of the E-mail body. It is often used for further identification of the machine. The maximum length of the signature is 512 characters.
	Function Defaults	Change the function default settings in [**Common/Job Default Settings**] page.

*1 Be sure to enter the items.

5 Click [Submit].

Registering Destinations

1 Display the screen.

1 Launch your Web browser.

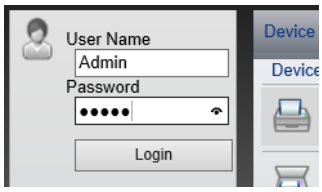
2 In the address or location bar, enter the machine's IP address or the host name.

Click in the following order to check the machine's IP address and the host name.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key > [▲] [▼] key > [**Status Page**] > [**OK**] key > [**Yes**]

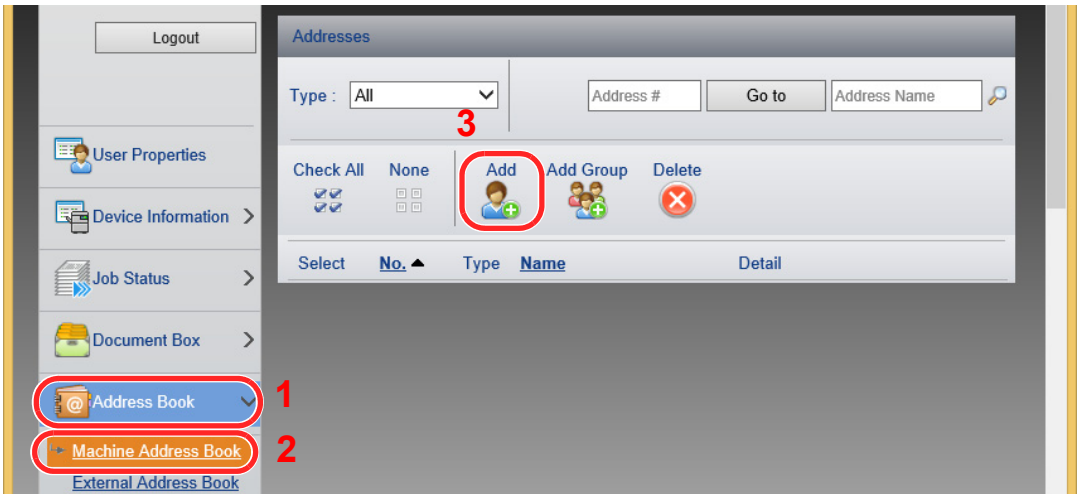
3 Log in with administrator privileges.

The factory default setting for the default user with administrator privileges is shown below. (Upper case and lower case letters are distinguished (case sensitive).)



Login User Name: Admin
Login Password: Admin

4 From the [**Address Book**] menu, click [**Machine Address Book**].



5 Click [**Add**].

2 Populate the fields.

1 Enter the destination information.

Enter the information for the destination you want to register. The fields to populate are the same as when registering via operation panel.

➡ Registering Destinations in the Address Book (page 3-20)

2 Click [**Submit**].

Transferring Data from Our Other Products

By using the machine's utility, you can smoothly migrate address books when the machine is to be replaced.

This section explains how to transfer data between our products.

Migrating the Address Book

The Address Book registered on the machine can be backed up or migrated using the KYOCERA Net Viewer on the included DVD.

For details on operating the KYOCERA Net Viewer, refer to the following:

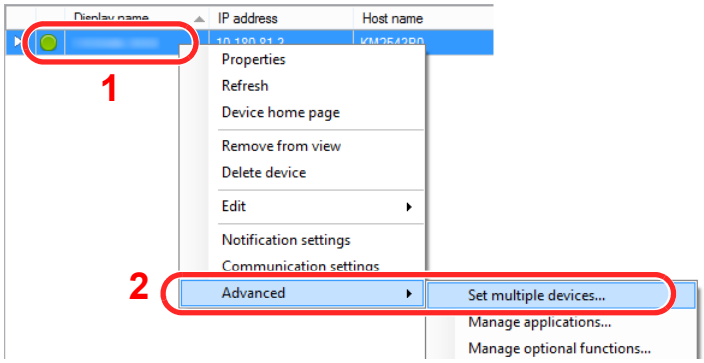
➔ **KYOCERA Net Viewer User Guide**

Backing Up Address Book Data to PC

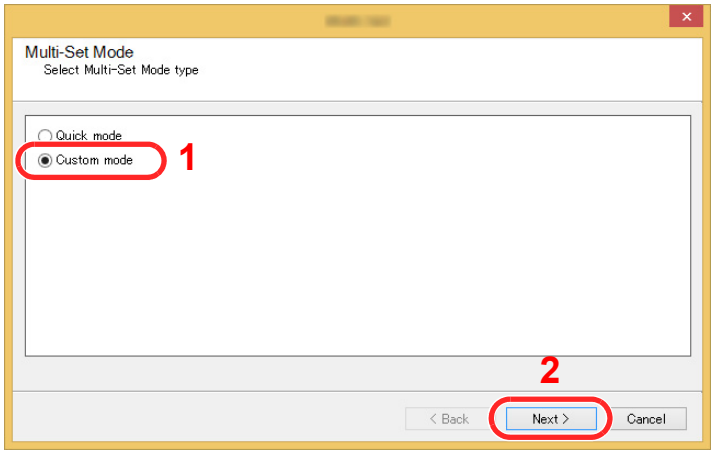
1 **Launch the KYOCERA Net Viewer.**

2 **Create a backup.**

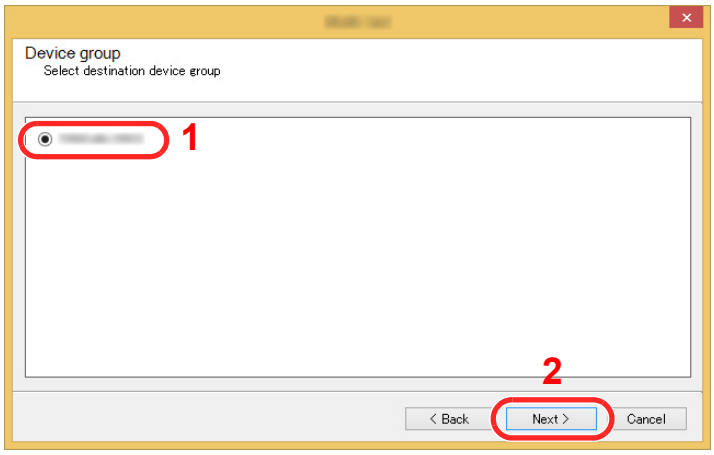
1 Right-click on the model name from which you want to back up the Address Book, and select [**Advanced**] - [**Set multiple devices**].



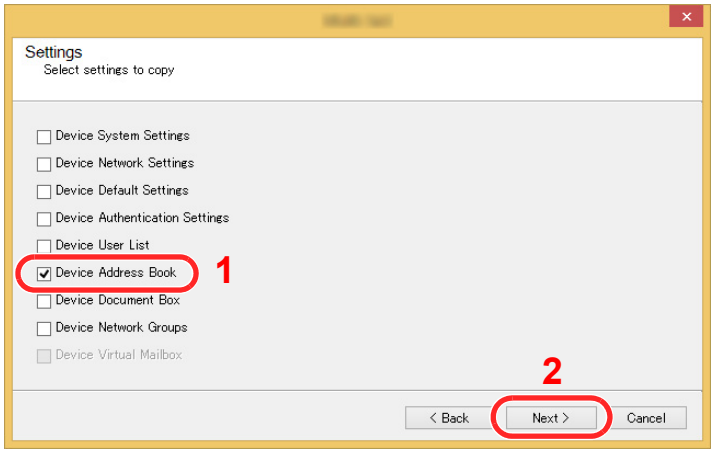
2 Select [**Custom Mode**] and click [**Next**].



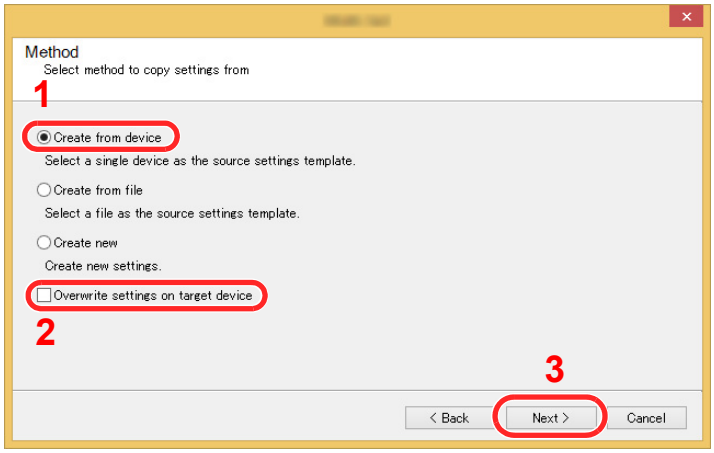
3 Select destination device group and click [**Next**].



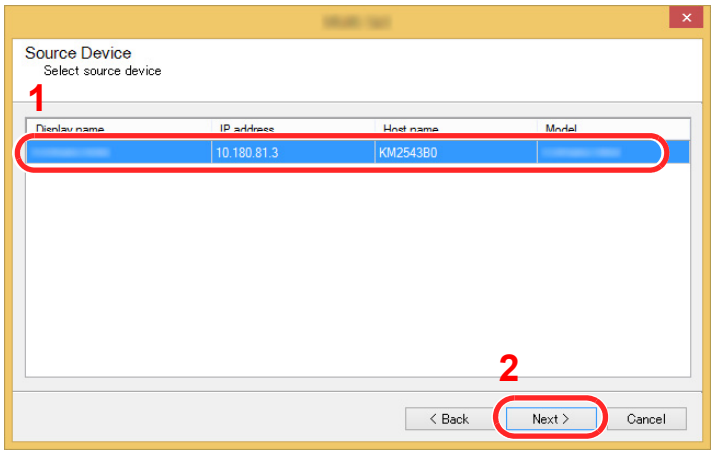
4 Select [**Device Address Book**] and click [**Next**].



5 Select [**Create from device**] and remove the checkmark from [**Overwrite settings on target device**], and then click [**Next**].



6 Select the model you want to back up, and click [**Next**].

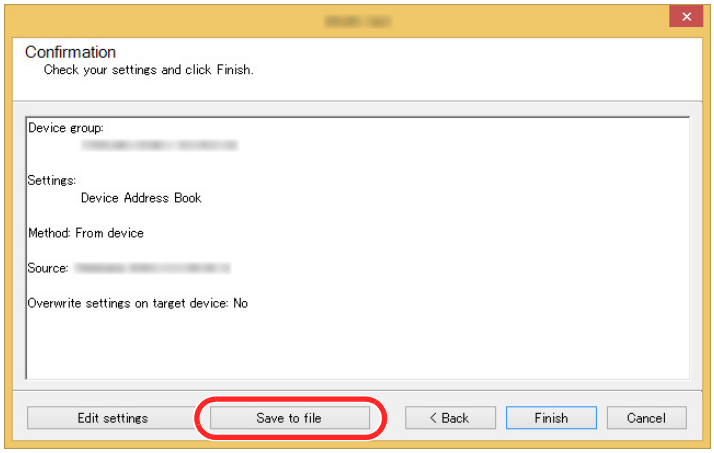


NOTE

If the "Admin Login" screen appears, enter the "Admin Login" and "Login Password", and then click [**OK**]. The default settings are as follows (Upper case and lower case letters are distinguished (case sensitive)).

Login User Name: **Admin**
Login Password: **Admin**

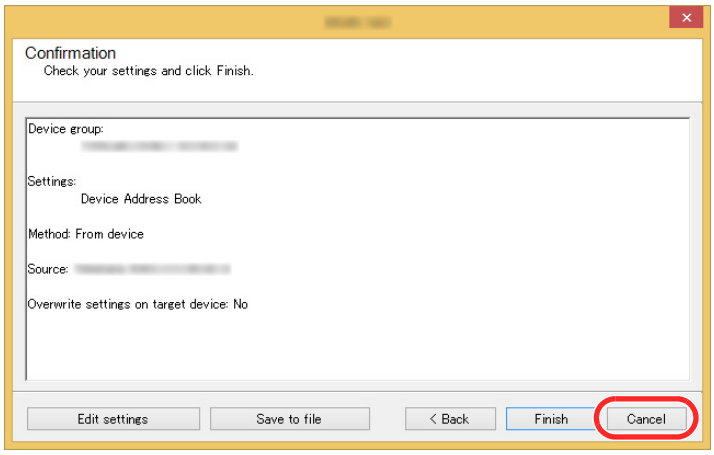
7 Click on [**Save to file**].



8 Specify the location to save the file, enter the file name, and then click [**Save**].

For "Save as type", make sure to select "XML File".

9 After saving the file, always click [**Cancel**] to close the screen.



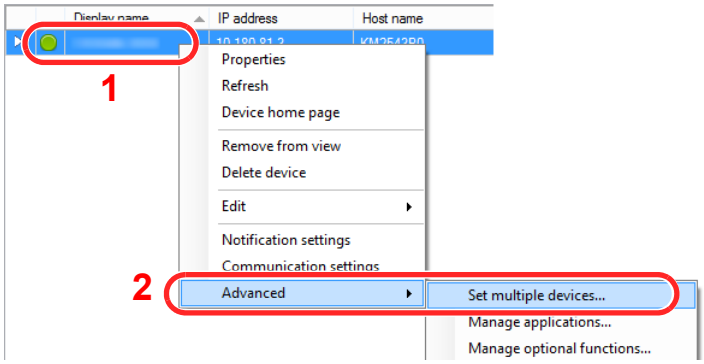
Please note that selecting [**Finish**] will write the data to the machine's Address Book.

Writing Address Book Data to the Machine

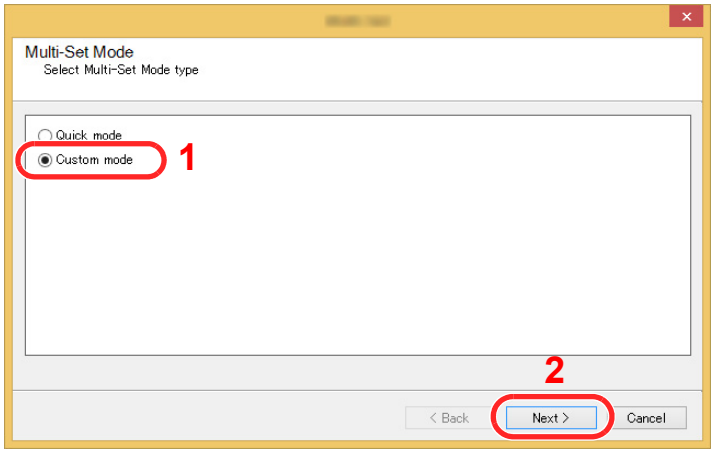
1 Launch the KYOCERA Net Viewer.

2 Load the Address Book data.

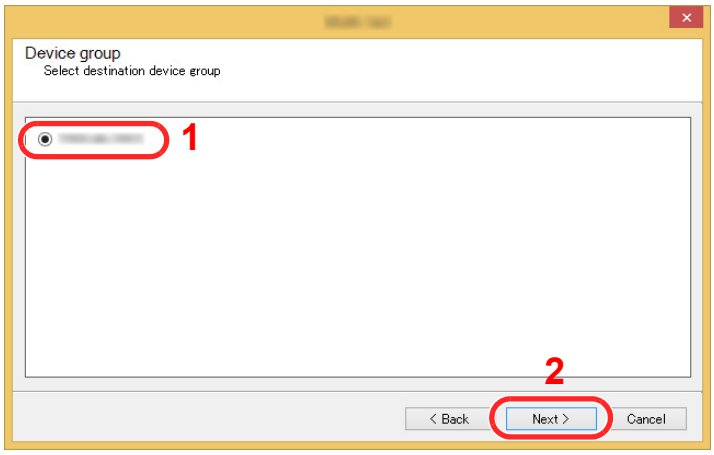
1 Right-click on the model name to which you want to transfer the Address Book, and select [**Advanced**] - [**Set multiple devices**].



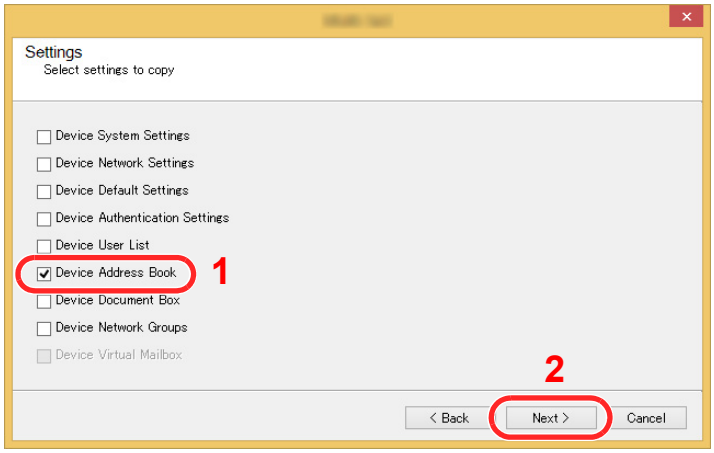
2 Select [**Custom Mode**] and click [**Next**].



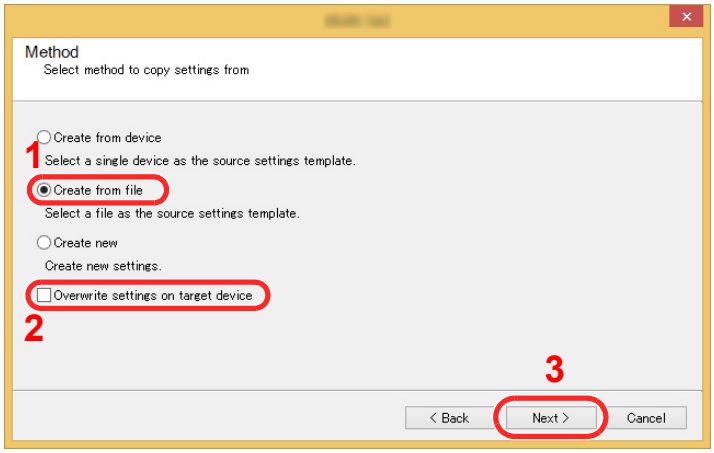
3 Select destination device group and click [**Next**].



4 Select [**Device Address Book**] and click [**Next**].

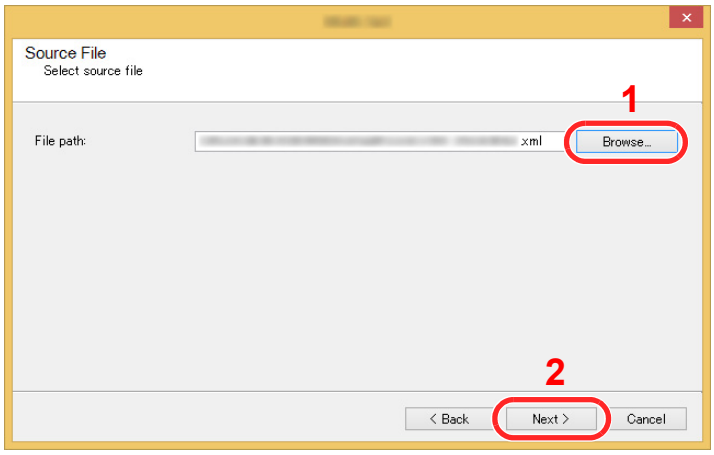


5 Select [**Create from file**] and remove the checkmark from [**Overwrite settings on target device**], and then click [**Next**].

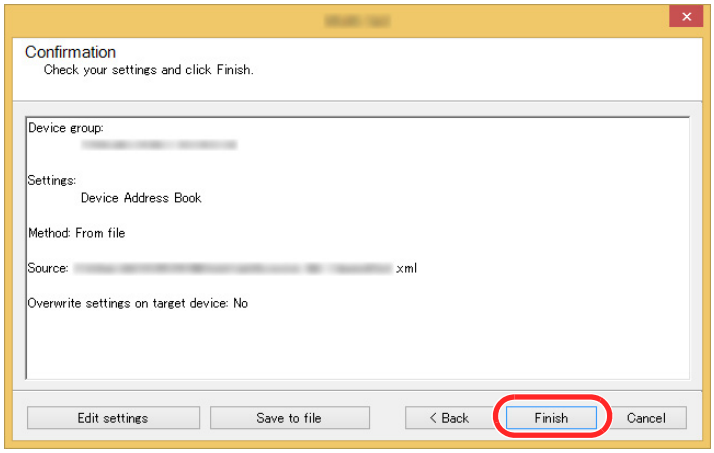


Selecting the [**Overwrite settings on target device**] checkbox will overwrite the machine's Address Book from entry No.1.

6 Click [**Browse**] and select the backup Address Book file, and then click [**Next**].



7 Click [**Finish**].



The write process of the Address Book data starts.

8 Once the write process is complete, click [**Close**].

3 Preparation before Use

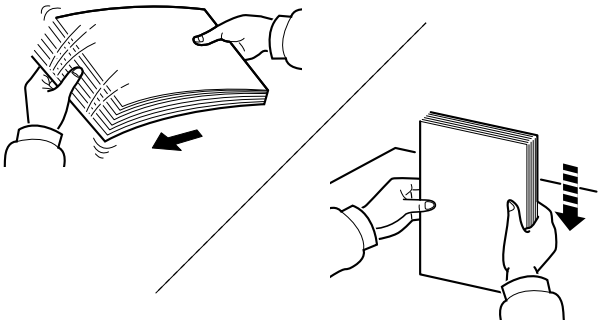
This chapter explains the following operations.

Loading Paper 3-2
Precaution for Loading Paper 3-2
Selecting the Paper Feeder Units 3-3
Loading in the Cassette 1 3-4
Loading in the Cassette 2 3-7
Precautions for Outputting Paper 3-9
Paper Stopper 3-9
Preparation for Sending a Document to a Shared Folder in a PC 3-10
Making a note of the computer name and full computer name 3-10
Making a note of the user name and domain name 3-11
Creating a Shared Folder, Making a Note of a Shared Folder 3-12
Configuring Windows Firewall 3-15
Registering Destinations in the Address Book 3-20
Adding a Destination (Address Book) 3-20
Adding a Destination on One Touch Key (One Touch Key) 3-27

Loading Paper

Precaution for Loading Paper

When you open a new package of paper, fan the sheets to separate them slightly prior to loading in the following steps.



Fan the paper, then tap it on a level surface.

In addition, note the following points.

- If the paper is curled or folded, straighten it before loading. Paper that is curled or folded may cause a jam.
- Avoid exposing opened paper to high humidity as dampness can be a cause of problems. Seal any remaining paper after loading in the multipurpose tray or cassettes back in the paper storage bag.
- If the machine will not be used for a prolonged period, protect all paper from humidity by removing it from the cassettes and sealing it in the paper storage bag.

IMPORTANT

If you copy onto used paper (paper already used for printing), do not use paper that is stapled or clipped together. This may damage the machine or cause poor image quality.

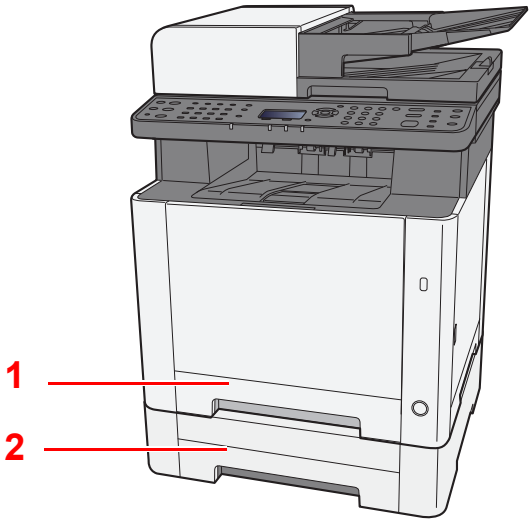
NOTE

If you use special paper such as letterhead, paper with holes or paper with pre-prints like logo or company name, refer to the following:

Paper (page 11-13)

Selecting the Paper Feeder Units

Select the paper feeder units according to the size and type of paper.



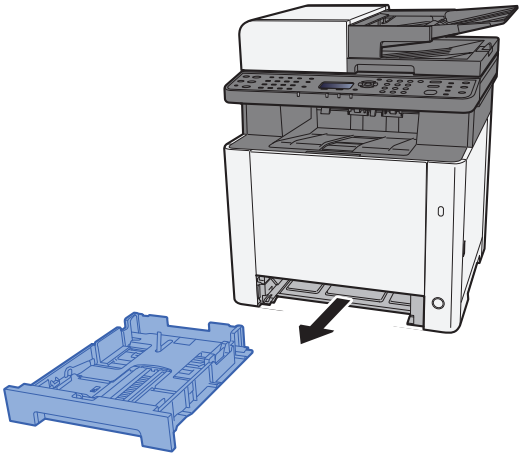
No.	Name	Paper Size	Paper Type	Capacity	Page
1	Cassette 1	A4, B5, A5-R, A5, A6, B6, Legal, Oficio II, Letter, Executive, Statement-R, Folio, 16K, 216mm×340mm, B5(ISO), Custom	Plain, Preprinted, Bond, Recycled, Rough, Letterhead, Color, Prepunched, Thick, High Quality, Custom 1 to 8	250 sheets (80 g/m^2)	page 3-4
2	Cassette 2				page 3-7

NOTE

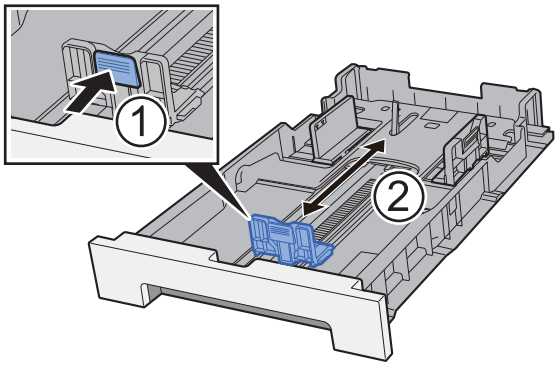
- The number of sheets that can be held varies depending on your environment and paper type.
- You should not use inkjet printer paper or any paper with a special surface coating. (Such paper may cause paper jams or other faults.)
- For higher quality color printing, use special color paper.

Loading in the Cassette 1

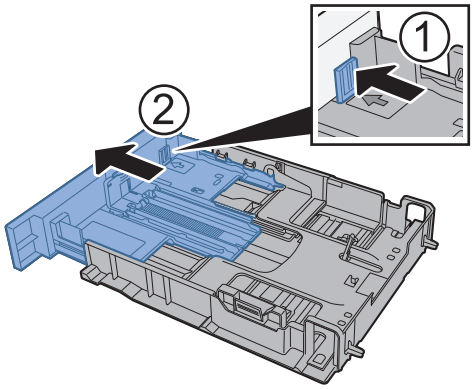
1 **Pull the Cassette 1 completely out of the machine.**



2 **Adjust the paper length guide to the paper size required.**

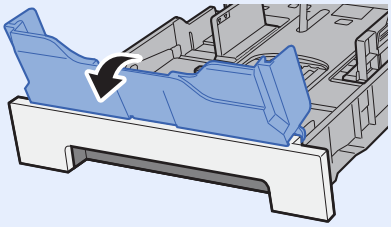


When using Folio, Oficio II or Legal

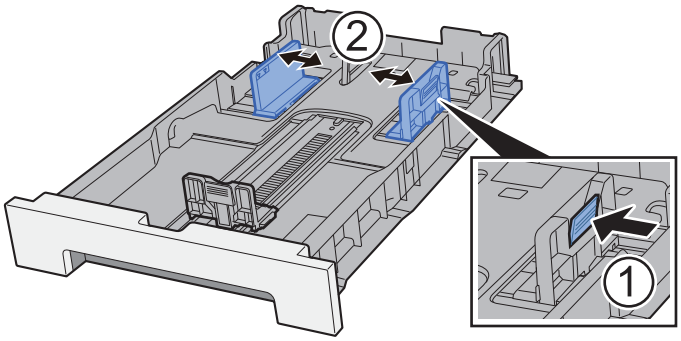


NOTE

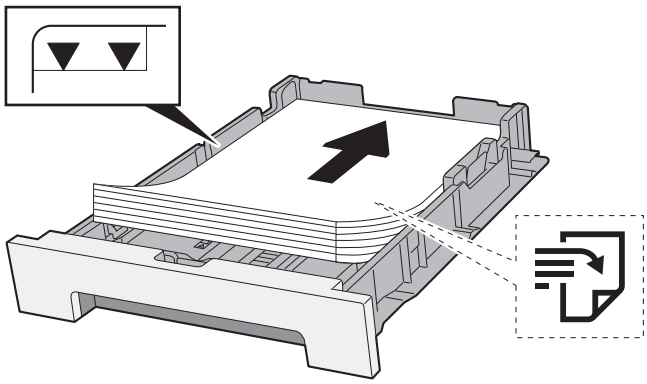
In some regions the cassette comes with a cover. If the cassette has a cover, open the cover to adjust the guide.



3 Adjust the position of the paper width guides located on the left and right sides of the Cassette 1.

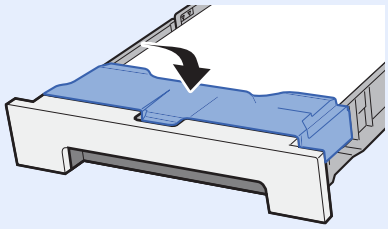


4 Load paper.



NOTE

If the cassette has a cover, close the cover.



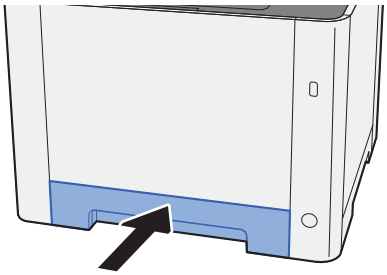
IMPORTANT

- **Load the paper with the print side facing up.**
- **After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.**

Precaution for Loading Paper (page 3-2)

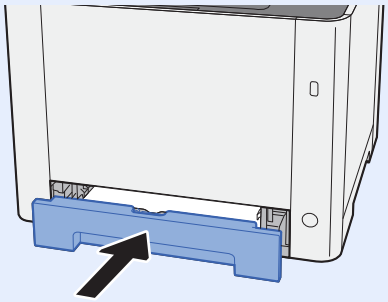
- **Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.**
- **Ensure that the loaded paper does not exceed the level indicator (see illustration above).**
- **If paper is loaded without adjusting the paper length guide and paper width guide, the paper may skew or become jammed.**

5 Gently push the Cassette 1 back in.



NOTE

When Folio, Oficio II, or Legal is used, the cassette will extend out from the machine.



6 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Orig./Paper Set.**] > [**OK**] key > [▲] [▼] key > [**Cassette 1 Set.**] > [**OK**] key

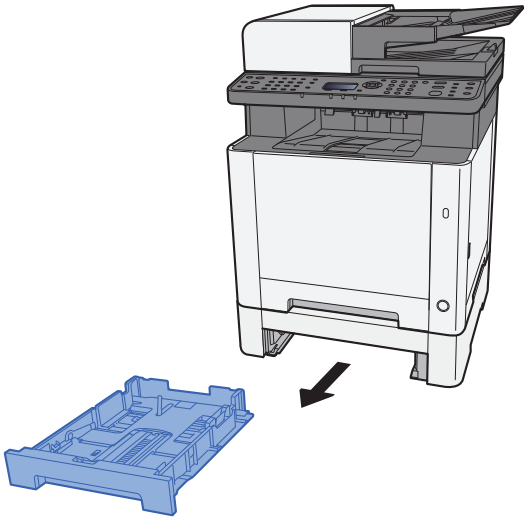
7 Configure the function.

Select the paper size and paper type.

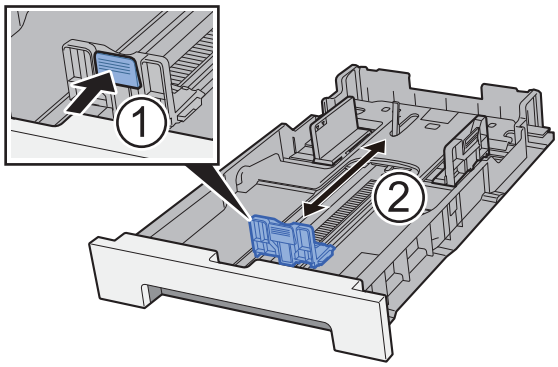
➔ Cassette 1 (2) Set. (page 8-21)

Loading in the Cassette 2

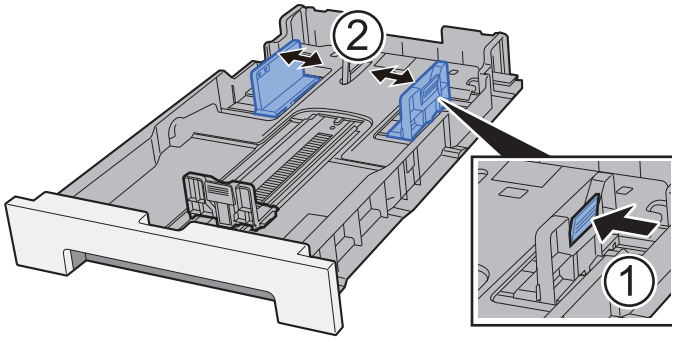
1 **Pull the Cassette 2 completely out of the machine.**



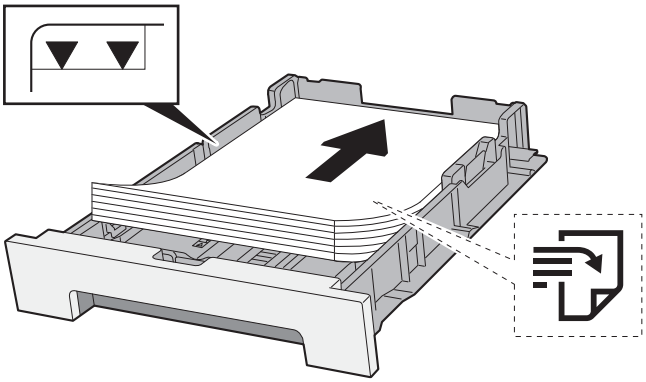
2 **Adjust the paper length guide to the paper size required.**



3 **Adjust the position of the paper width guides located on the left and right sides of the Cassette 2.**



4 Load paper.



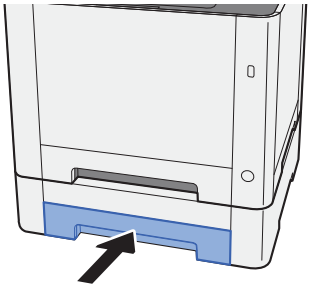
IMPORTANT

- **Load the paper with the print side facing up.**
- **After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.**

➔ Precaution for Loading Paper (page 3-2)

- **Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.**
- **Ensure that the loaded paper does not exceed the level indicator (see illustration above).**
- **If paper is loaded without adjusting the paper length guide and paper width guide, the paper may skew or become jammed.**

5 Gently push the Cassette 2 back in.



6 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Orig./Paper Set.**] > [**OK**] key > [▲] [▼] key > [**Cassette 2 Set.**] > [**OK**] key

7 Configure the function.

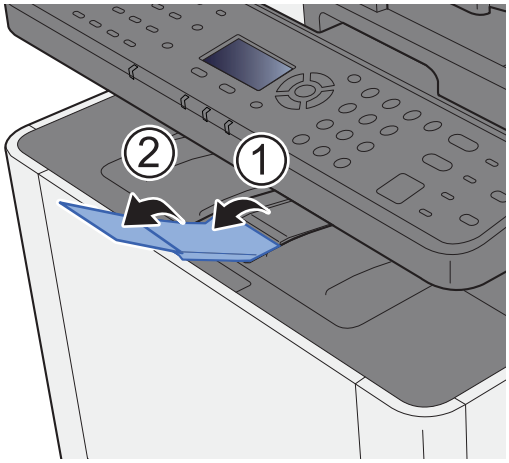
Select the paper size and paper type.

➔ Cassette 1 (2) Set. (page 8-21)

Precautions for Outputting Paper

Paper Stopper

When using paper B5/Letter or larger, open the paper stopper shown in the figure.



Preparation for Sending a Document to a Shared Folder in a PC

Check the information that needs to be set on the machine and create a folder to receive the document on your computer. Screens of Windows 8.1 are used in the following explanation. The details of the screens will vary in other versions of Windows.

NOTE

Log on to Windows with administrator privileges.

Making a note of the computer name and full computer name

Check the name of the computer name and full computer name.

1 Display the screen.

In Windows 8.1, right-click [**PC**] in the Start screen and select [**Properties**]. Or, right-click the Window icon and select [**System**].

In Windows 8, select the desktop in the Start screen, right-click [**Computer**] from [**Libraries**], and then select [**Properties**].

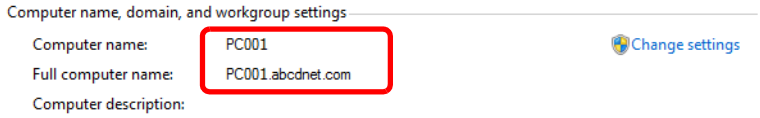
NOTE

In Windows XP, right-click [**My Computer**] and select [**Properties**]. The [**System Properties**] dialog box appears. Click the [**Computer Name**] tab in the window that appears.

In Windows 7, from [**Start**] button on the Windows, select [**Computer**] and then [**System Properties**].

In Windows 10, right-click [**Start**] button on the Windows and select [**System**].

2 Check the computer name.



Check the computer name and full computer name.

Screen example:
Computer name: PC001
Full computer name: PC001.abcdnet.com

Windows XP:

If the full computer name does not have a dot (.), the full computer name and the computer name are the same.
If the full computer name has a dot (.), the text string in front of the dot (.) in the full computer name is the computer name.

Example: PC001.abcdnet.com
PC001 is the computer name
PC001.abcdnet.com is the full computer name

After checking the computer name, click the [**Close**] button to close the "**System Properties**" screen.

In Windows XP, after checking the computer name, click the [**Cancel**] button to close the "**System Properties**" screen.

Making a note of the user name and domain name

Check the domain name and user name for logging onto Windows.

1 Display the screen.

Click [**Search**] in charms, and enter "Command Prompt" in the search box. Select [**Command Prompt**] in the search list.

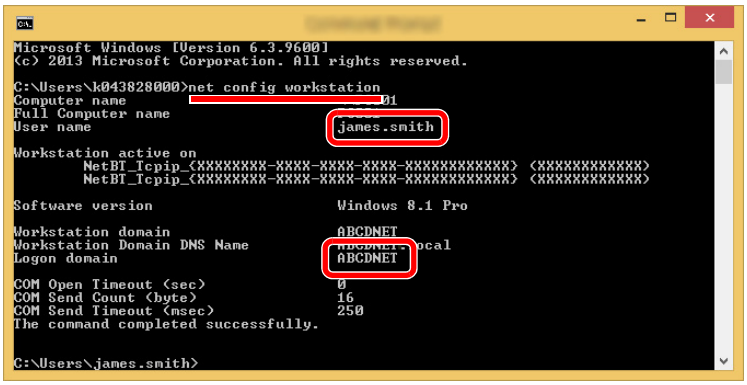
In Windows 7, from [**Start**] button on the Windows, select [**All Programs**] (or [**Programs**]), [**Accessories**] and then [**Command Prompt**].

In Windows 10, right-click [**Start**] button on the Windows and select [**Command Prompt**].

The Command Prompt window appears.

2 Check the domain name and user name.

At the Command Prompt, enter "net config workstation" and then press [**Enter**].



Check the user name and domain name.

Screen example:
User Name: james.smith
Domain Name: ABCDNET

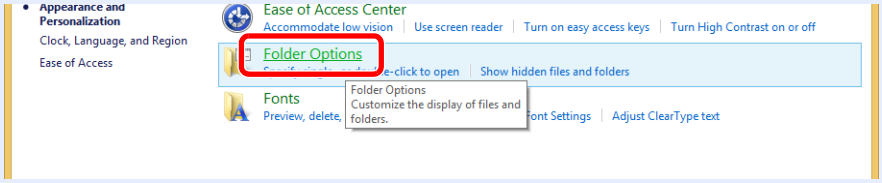
Creating a Shared Folder, Making a Note of a Shared Folder

Create a shared folder to receive the document in the destination computer.

NOTE

If there is a workgroup in System Properties, configure the settings below to limit folder access to a specific user or group.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], [**Appearance and Personalization**], and then [**Folder Options**].

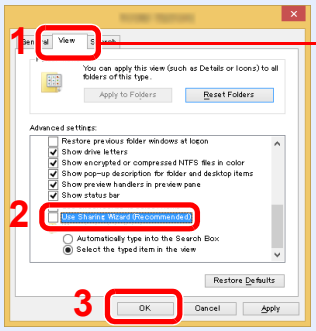


In Windows XP, click [**My Computer**] and select [**Folder Options**] in [**Tools**].

In Windows 7, from [**Start**] button on the Windows, select [**Control Panel**], [**Appearance and Personalization**], and then [**Folder Options**].

In Windows 10, open up a window in File Explorer and select [**View**], [**Options**], and then [**Folder Options**].

2



Make sure that the [**View**] tab is selected.

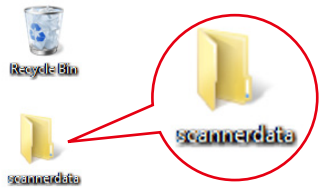
Remove the checkmark from [**Use Sharing Wizard (Recommended)**] in "Advanced settings".

In Windows XP, click the [**View**] tab and remove the checkmark from [**Use Simple File Sharing (Recommended)**] in "Advanced settings".

1 Create a folder.

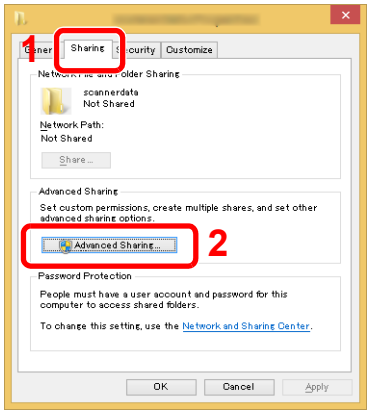
Create a folder on your computer.

For example, create a folder with the name **"scannerdata"** on the desktop.



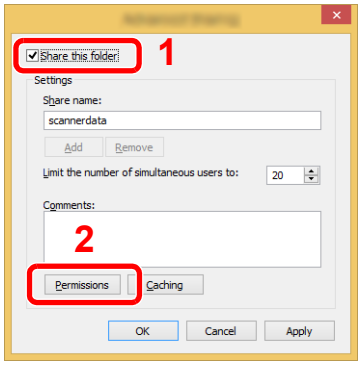
2 Configure permission settings.

1 Right-click the **"scannerdata"** folder, select [**Property**], and click [**Sharing**] and [**Advanced Sharing**].



In Windows XP, right-click the "scannerdata" folder and select [**Sharing and Security**] (or [**Sharing**]).

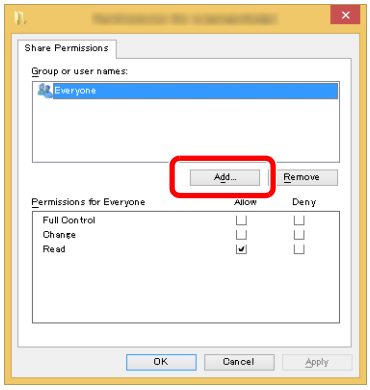
2 Select the [**Share this folder**] checkbox and click the [**Permissions**] button.



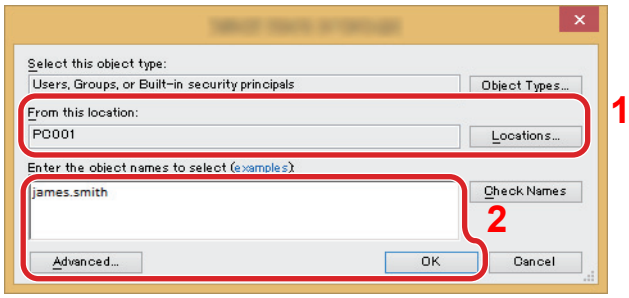
In Windows XP, select [**Share this folder**] and click the [**Permissions**] button.

3 Make a note of the [**Share name**].

4 Click the [**Add**] button.



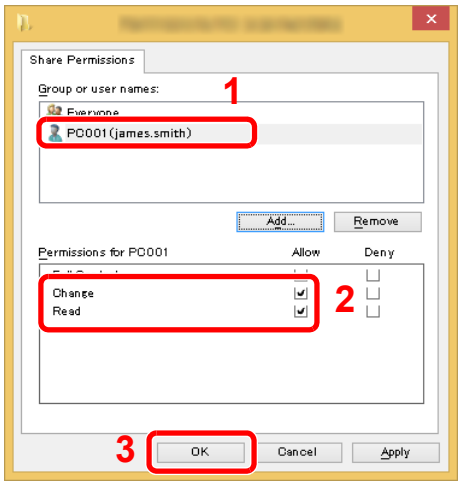
5 Specify the location.



1 If the computer name that you made a note of on page is the same as the domain name:
If the computer name is not shown in "From this location", click the [**Locations**] button, select the computer name, and click the [**OK**] button.
Example: PC001
If the computer name that you made a note of on page is not the same as the domain name:
If the text after the first dot (.) in the full computer name that you made a note of does not appear in "From this location", click the [**Locations**] button, select the text after the dot (.), and click the [**OK**] button.
Example: abcdnet.com
➔ Making a note of the user name and domain name (page 3-11)

2 Enter the user name that you made a note of on page in the text box, and click the [**OK**] button.
Also the user name can be made by clicking the [**Advanced**] button and selecting a user.

5 Set the access permission for the user selected.



1 Select the user you entered.

2 Select the [**Allow**] checkbox of the "Change" and "Read" permissions

3 Press [**OK**].

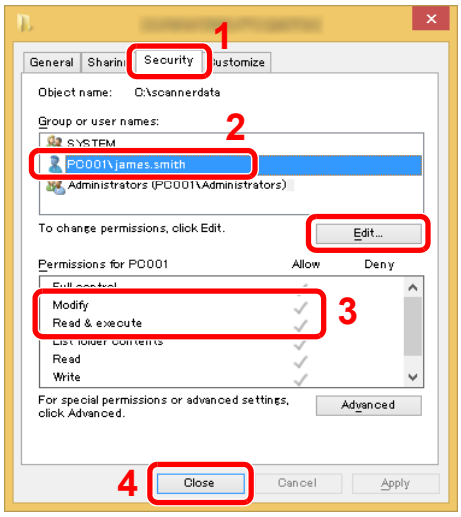
In Windows XP, go to step 7.

NOTE

"**Everyone**" gives sharing permission to everyone on the network. To strengthen security, it is recommended that you select "**Everyone**" and remove the "**Read**" [**Allow**] checkmark.

6 Click the [**OK**] button in the "**Advanced Sharing**" screen to close the screen.

7 Check the details set in the [**Security**] tab.



1 Select the [**Security**] tab.

2 Select the user you entered.
If the user does not appear on "Group or user names", click [**Edit**] button to add user in a similar way of "configuration of permission settings".

3 Make sure that checkmarks appear on [**Allow**] checkbox for the "**Modify**" and "**Read & execute**" permissions.

4 Click the [**Close**] button.

In Windows XP, make sure that checkmarks appear on [**Allow**] checkbox for the "**Modify**" and "**Read & execute**" permissions, and click the [**OK**] button.

Configuring Windows Firewall

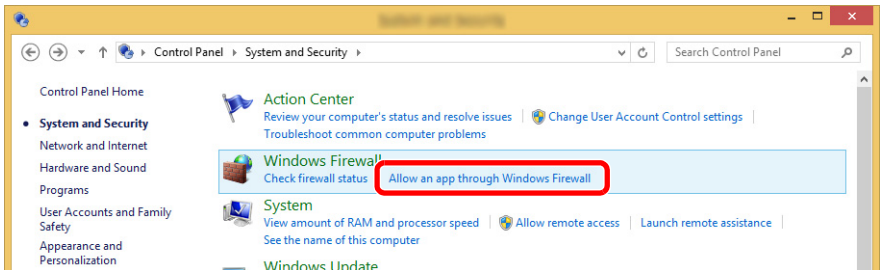
Permit sharing of files and printers and set the port used for SMB transmission.

NOTE

Log on to Windows with administrator privileges.

1 Check file and printer sharing.

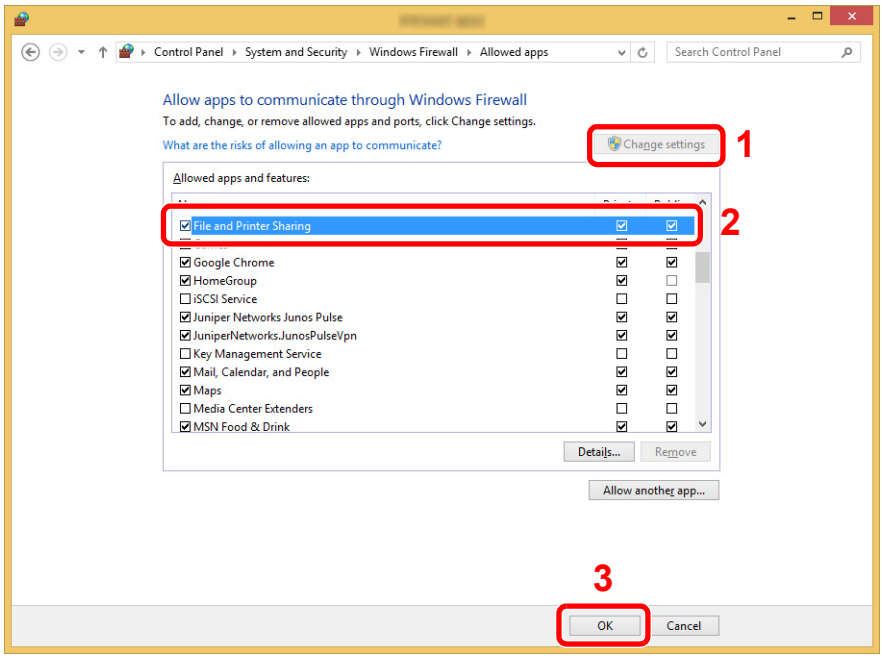
1 In charms on Desktop, click [**Settings**], [**Control Panel**], [**System and Security**], and then [**Windows Firewall**].



NOTE

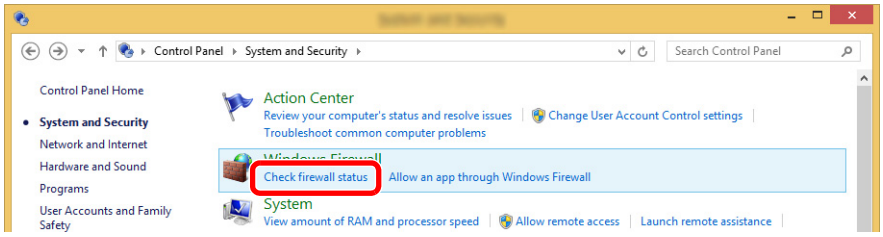
If the User Account Control dialog box appears, click the [**Continue**] button.

2 Select the [**File and Printer Sharing**] checkbox.

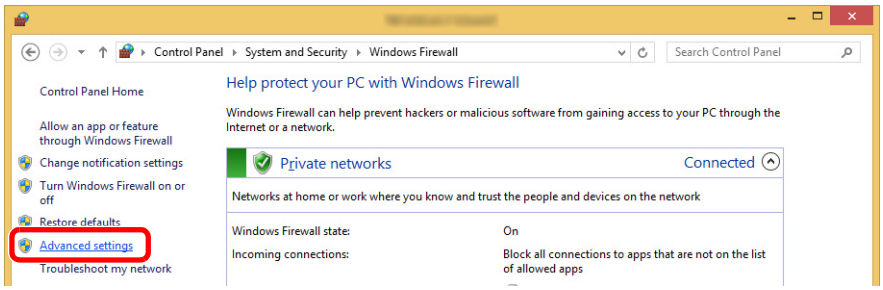


2 Add a port.

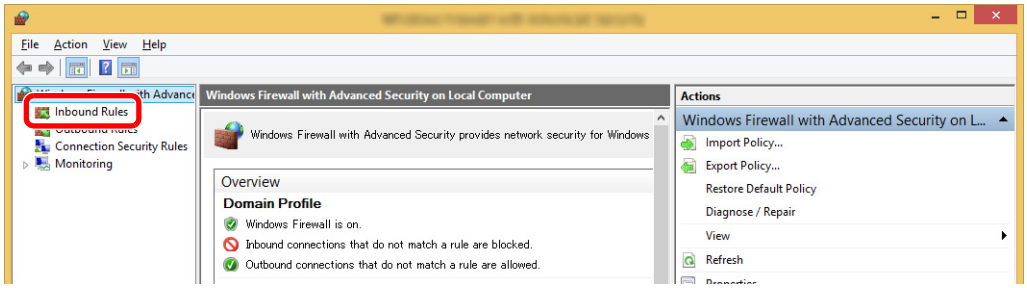
1 In charms on Desktop, click [**Settings**], [**Control Panel**], [**System and Security**], and [**Check firewall status**].



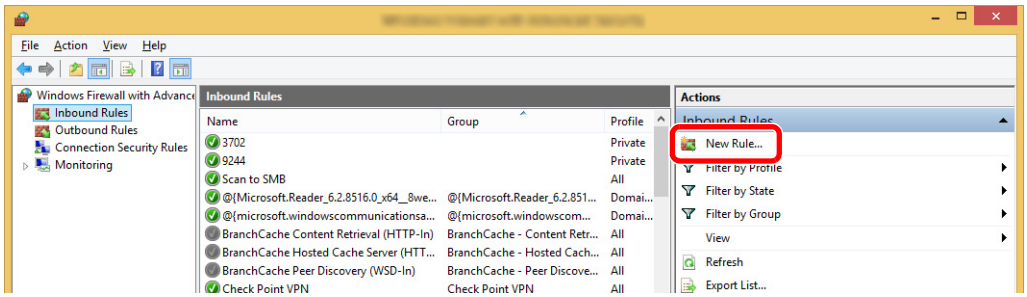
2 Select [**Advanced settings**].



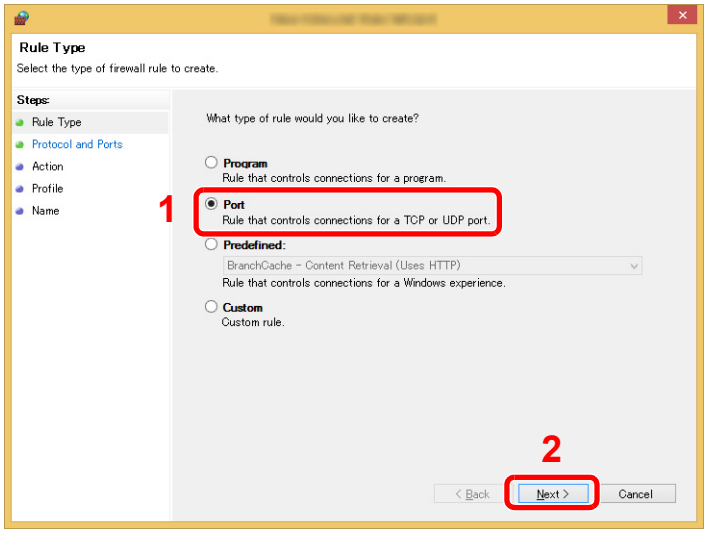
3 Select [**Inbound Rules**].



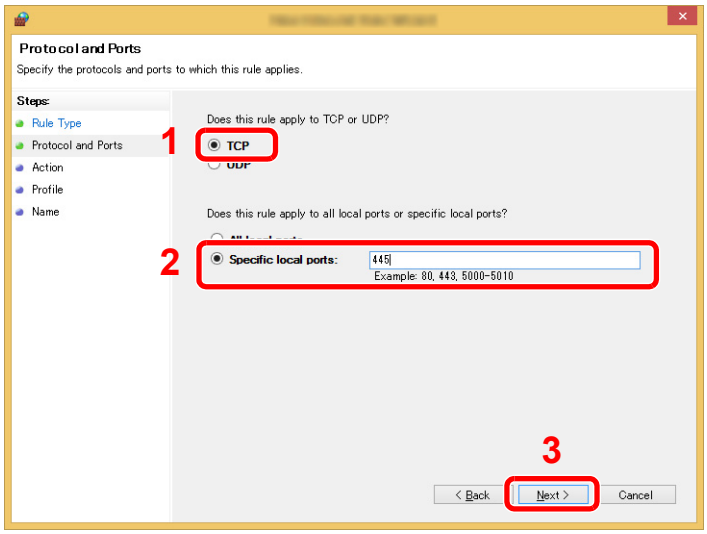
4 Select [**New Rules**].



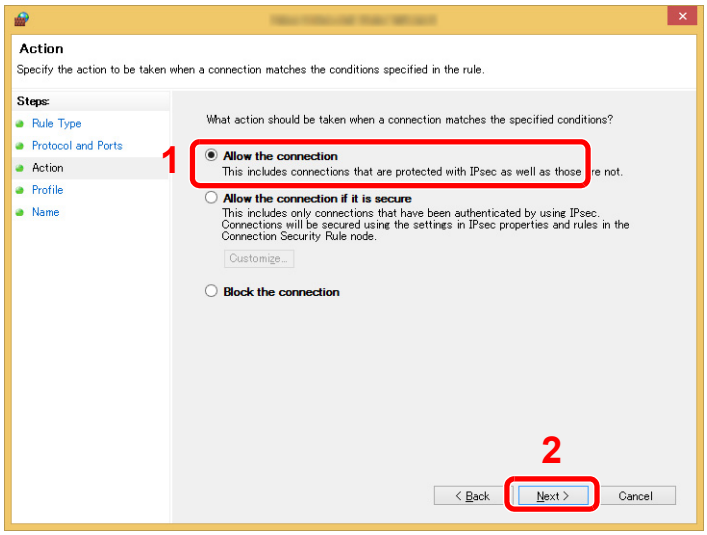
5 Select [**Port**].



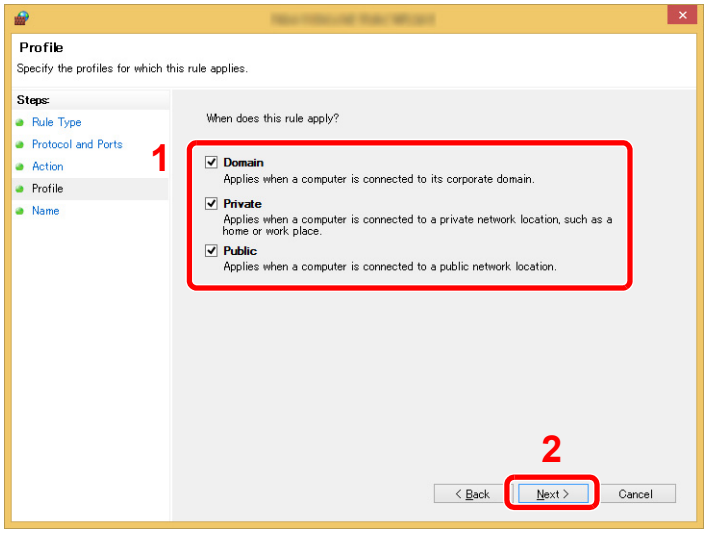
6 Select [**TCP**] as the port to apply the rule to. Then select [**Specific local ports**] and enter "445" then click [**Next**].



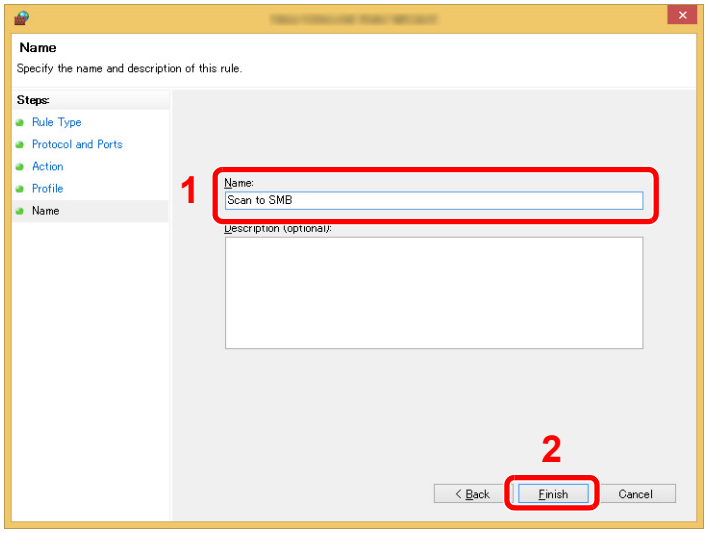
7 Select [**Allow the connection**] and click the [**Next**] button.



8 Make sure all checkboxes are selected and click the [**Next**] button.



9 Enter **"Scan to SMB"** in "**Name**" and click [**Finish**].



In Windows 7

1. From [**Start**] button on the Windows, select [**Control Panel**], [**System and Security**], and [**Allow a program through Windows Firewall**].
   If the User Account Control dialog box appears, click the [**Continue**] button.
2. Configure the settings.
   ➔ Configuring Windows Firewall (page 3-15)

In Windows XP or Windows Vista

1. In Windows XP, from [**Start**] button on the Windows, select [**Control Panel**], and then [**Windows Firewall**].
   In Windows Vista, from [**Start**] button on the Windows, select [**Control Panel**], [**Security**], and then [**Turn Windows Firewall on or off**].
   If the User Account Control dialog box appears, click the [**Continue**] button.
2. Click the [**Exceptions**] tab and then the [**Add port...**] button.
3. Specify Add a Port settings.
   Enter any name in "**Name**" (example: Scan to SMB). This will be the name of the new port.
   Enter "445" in "**Port Number**". Select [**TCP**] for "**Protocol**".
4. Click [**OK**] button.

In Windows 10

1. Right-click [**Start**] button on the Windows and select [**Control Panel**], [**System and Security**], and then [**Allow an app through Windows Firewall**].

   If the User Account Control dialog box appears, click the [**Continue**] button.
2. Configure the settings.
   ➔ Configuring Windows Firewall (page 3-15)

Registering Destinations in the Address Book

Save frequently used destinations to the Address Book or One Touch Keys. The saved destinations can be changed. The destinations are available for Send as E-mail, Send to Folder, and Fax Transmission.

NOTE

Registering and editing of the Address Book can also be done in Command Center RX.

Registering Destinations (page 2-55)

Adding a Destination (Address Book)

Add a new destination to the Address Book. There are two registering methods, contacts and groups. When adding a group, enter the group name and select group members from the Address Book.

NOTE

If user login administration is enabled, you can only edit destinations in the Address Book by logging in with administrator privileges.

Registering a contact address

A maximum of 100 contact addresses can be registered. Each address can include the information such as destination name, E-mail address, FTP server folder path, computer folder path, and FAX No.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**Address Book**] > [**OK**] key > [**Menu**] > [▲] [▼] key > [**Add Address**] > [**OK**] key > [▲] [▼] key > [**Contact**] > [**OK**] key

2 Add the name.

1 [◀] [▶] key > [**Contact Name**] > [**Edit**]

2 Enter the destination name displayed on the Address Book and select the [**OK**] key.

NOTE

Up to 32 characters can be entered.
Refer to the following for details on entering characters.

Character Entry Method (page 11-8)

3 Add the address.

E-mail Address

1 [◀] [▶] key > [**E-mailAddress**] > [**Edit**]

2 Enter the E-mail address > [**OK**] key

NOTE

Up to 128 characters can be entered.
Refer to the following for details on entering characters.

Character Entry Method (page 11-8)

The Folder (SMB) Address

1 [◀] [▶] key > [**Folder (SMB)**] > [**Edit**]

2 Enter the information for "Host Name (SMB)", "Path", "Login User Name" and "Login Password" > [**OK**] key

NOTE

For the computer name, share name, domain name, and user name, enter the information that you noted when you created the shared folder. For details on creating shared folders, refer to the following:

Preparation for Sending a Document to a Shared Folder in a PC (page 3-10)

The table below explains the items to be entered.

Item	Description	Max. No. of Characters
Host Name (SMB)[*1]	Computer name	Up to 64 characters
Path	Share name For example: scannerdata If saving in a folder in the shared folder: share name\folder name in shared folder	Up to 128 characters
Login User Name	If the computer name and domain name are the same: User Name For example: james.smith If the computer name and domain name are different: Domain name\User name For example: abcdnet\james.smith	Up to 64 characters
Login Password	Windows logon password (Case sensitive.)	Up to 64 characters

*1 To specify a port number different from the default (445), enter using the format "Host name: port number" (Example: SMBhostname:140).
To enter the IPv6 address, enclose the address in brackets [ ].
(Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)

NOTE

Refer to the following for details on entering characters.

Character Entry Method (page 11-8)

3 The connection confirmation screen appears. Select [**Yes**] to check the connection and [**No**] to not check it.

"Connected." appears when connection to the destination is correctly established. If "Cannot connect." appears, review the entry.

The Folder (FTP) Address

1 [◀] [▶] key > [**Folder (FTP)**] > [**Edit**]

2 Enter the information for "Host Name (FTP)", "Path", "Login User Name" and "Login Password" > [**OK**] key

The table below explains the items to be entered.

Item	Descriptions	Max. No. of Characters
Host Name (FTP)[*1]	Host name or IP address of FTP server	Up to 64 characters
Path[*2]	Path for the file to be stored For example: User\ScanData If no path is entered, the file is stored in the home directory.	Up to 128 characters
Login User Name	FTP server login user name	Up to 64 characters
Login Password	FTP server login password	Up to 64 characters

*1 If you specify a port number other than the default (21), use the "Host name: port number" (Example: FTPhostname:140).
To enter the IPv6 address, enclose the address in brackets [ ].
(Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)

*2 When the FTP server is based on Linux/UNIX, the path including the sub-folder is combined by the slash "/" not using the back-slash.

NOTE

Refer to the following for details on entering characters.

➔ Character Entry Method (page 11-8)

3 The connection confirmation screen appears. Select [**Yes**] to check the connection and [**No**] to not check it.

If [**SSL**] is enabled in [**Secure Settings**], "Connect with encrypt communication?" will appear after you select [**Yes**]. If [**Yes**] is selected, the FTP encrypted communication connection will be confirmed. If [**No**] is selected, you will return to the regular connection confirmation screen.

"Connected." appears when connection to the destination is correctly established. If "Cannot connect." appears, review the entry.

4 Specify the address number.

1 [◀] [▶] key > [**Address Number**] > [**Edit**]

2 Enter an address number.

NOTE

You can set any value between 1 and 120.

Use the numeric keys or select the [▲] or [▼] key to enter a number.

Address Number is an ID for a destination. You can select any available number.

If you specify an address number that is already in use, an error message appears when you select the [**OK**] key and the number cannot be registered.

3 Select the [**OK**] key.

5 Check if the destination entry is correct and select the [OK] key.

The destination is added to the Address Book.

Registering a Group

Compile two or more contacts into a group. Designations in the group can be added at the same time. When adding a group, a maximum of 20 groups can be added in the Address Book.

NOTE

To add a group, you need individually added destinations. Register one or more individual destinations as needed before proceeding. Up to 100 individually registered destinations and a combined total of up to 5 SMB and FTP destination folders can be registered in a single group.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**Address Book**] > [**OK**] key > [**Menu**] > [▲] [▼] key > [**Add Address**] > [**OK**] key > [▲] [▼] key > [**Group**] > [**OK**] key

2 Add the name.

1 [◀] [▶] key > [**Group Name**] > [**Edit**]

2 Enter the group name displayed on the Address Book and select the [**OK**] key.

NOTE

Up to 32 characters can be entered.
Refer to the following for details on entering characters.

➔ Character Entry Method (page 11-8)

3 Select the members (destinations).

1 [◀] [▶] key > [**Group Member**] > [**Edit**] > [**Menu**] > [▲] [▼] key > [**Add Member**] > [**OK**] key

2 Select the member you want to add, and select the [**OK**] key.

NOTE

Select [**Menu**] and select [**Search(Name)**] to search using a name.

3 Select the destination to be registered in the group from the destinations registered in the contact addresses and select the [**OK**] key.

The selected member is added to group member.

Members can be added by repeating steps 3-1 to 3-3.

4 Select the [**Back**] key.

4 Specify the address number.

1 [◀] [▶] key > [**Address Number**] > [**Edit**]

2 Enter an address number.

NOTE

- You can set any value between 1 and 120.
- Use the numeric keys or select the [▲] or [▼] key to enter a number.
- Address Number is an ID for a destination. A free number can be selected.
- If you specify an address number that is already in use, an error message appears when you select the [**OK**] key and the number cannot be registered.

3 Select the [**OK**] key.

5 Select the [OK] key.

The group is added to the Address Book.

Editing Address Book Entries

Edit the destinations (contacts) you added to the Address Book.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**Address Book**] > [**OK**] key

2 Edit the destination.

Editing a Contact

1 Select the destination (contacts) to edit, and select the [**OK**] key.

> **NOTE**
> Select [**Menu**] and select [**Search(Name)**] to search using a name.

2 Change "Contact Name", destination type and address, and "Address Number".

➔ Registering a contact address (page 3-20)

3 After you have completed the changes, [**OK**] key > [**Yes**]

Register the changed destination.

Editing a Group

1 Select the group to edit, and select the [**OK**] key.

2 Change "Group Name" and "Address Number".

➔ Registering a Group (page 3-23)

3 [◀] [▶] key > [**Group Member**] > [**Edit**]

4 To delete the destination from the group, select the destination > [**Menu**] > [▲] [▼] key > [**Delete**] > [**OK**] key

> **NOTE**
> Select the destination and select the [**OK**] key to show the detailed information of the destination.

To add the destination, select [**Add Member**].

➔ Registering a Group (page 3-23)

5 Select [**Yes**].

6 After you have completed the changes, [**OK**] key > [**Yes**]

Register the changed group.

Deleting Address Book Entries

Delete the destinations (contacts) you added to the Address Book.

1 Display the screen.

[**System Menu/Counter**] key > [**Address Book/One Touch**] > [**Address Book**]

2 Delete the destination.

Select the destination (contacts) or group to delete, [**Menu**] > [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

Adding a Destination on One Touch Key (One Touch Key)

Assign a new destination (contact or group) to an one touch key. A maximum of 22 destinations can be registered.

NOTE

- Numbers 1 to 11 are the One Touch Key numbers while the [**Shift Lock**] indicator is switched off. Numbers 12 to 22 are the One Touch Key numbers while the [**Shift Lock**] indicator is switched on by selecting the [**Shift Lock**] key.
- Refer to the following for use of One Touch Key.

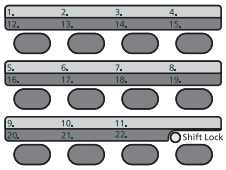
➔ Checking and Editing Destinations (page 5-31)

- You can add One Touch keys and change their settings on Command Center RX.

➔ Registering Destinations (page 2-55)

1 Select the One Touch Key to be registered.

1 In the Send or FAX screen, press the One Touch Key that you want to register and hold it (2 seconds or more).



2 [▲] [▼] key > key number > [**OK**] key

Select a One Touch Key number with no registered destination.

2 Select the destinations.

Select the destination to be registered to the One touch key from the destinations registered in the addresses and select the [**OK**] key.

NOTE

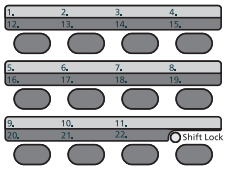
Select [**Menu**] and select [**Search(Name)**] to search using a name.

The destination will be added to the One Touch Key.

Editing One Touch Key

1 Select the One Touch Key to edit.

1 Press the One Touch Key to edit and hold it (2 seconds or more).



2 [▲] [▼] key > key number > [**OK**] key

When an unregistered One Touch Key number is selected, the Address Book appears. The One Touch Key can be registered by selecting the destination from the Address Book.

2 Edit the destination.

1 [▲] [▼] key > [**Edit**] > [**OK**] key

> **NOTE**
> Select [Detail] and select the [**OK**] key to show the detailed information of the destination.

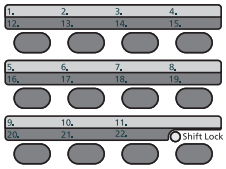
2 Select the new destination, and select the [**OK**] key > [**Yes**]

Register the changed destination.

Deleting One Touch Key

1 Select the One Touch Key to delete.

1 Press the One Touch Key to delete and hold it (2 seconds or more).



2 [▲] [▼] key > key number > [**OK**] key

When an unregistered One Touch Key number is selected, the Address Book appears. The One Touch Key can be registered by selecting the destination from the Address Book.

2 Delete the destination.

[▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

Deletion of the data registered in the One Touch Key.

4 Printing from PC

This chapter explains the following topics:

Printer Driver Properties Screen 4-2
Displaying the Printer Driver Help 4-3
Changing the Default Printer Driver Settings (Windows 8.1) 4-3
Printing from PC 4-4
Printing on Standard Sized Paper 4-4
Printing on Non-standard Sized Paper 4-6
Canceling Printing from a Computer 4-8
Printing from the Handheld Device 4-9
Printing by AirPrint 4-9
Printing by Google Cloud Print 4-9
Printing by Mopria 4-9
Printing with Wi-Fi Direct 4-9
Printing Data Saved in the Printer 4-10
Specifying the Job Box from a Computer and Storing the Job 4-10
Printing Documents from Private Print Box 4-11
Deleting the Documents Stored in the Private Print Box 4-11
Printing Document from Stored Job Box 4-12
Deleting the Documents Stored in the Stored Job Box 4-13
Printing Document from Quick Copy Box 4-14
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Printing Document from Proof and Hold Box 4-15
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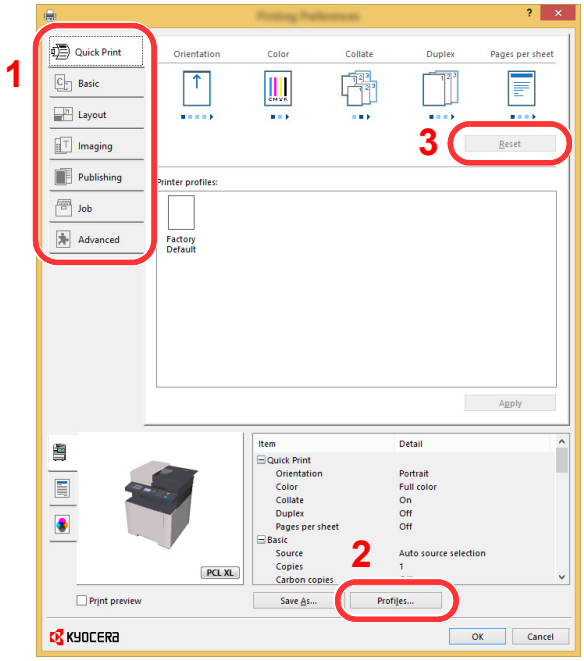
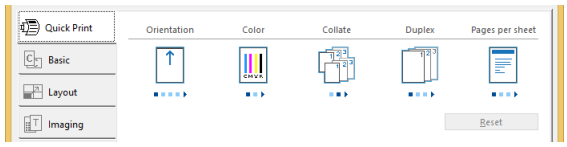
Monitoring the Printer Status (Status Monitor) 4-17
Accessing the Status Monitor 4-17
Exiting the Status Monitor 4-17
Quick View State 4-17
Printing Progress Tab 4-18
Paper Tray Status Tab 4-18
Toner Status Tab 4-18
Alert Tab 4-19
Status Monitor Context Menu 4-19
Status Monitor Notification Settings 4-20

Printer Driver Properties Screen

The printer driver properties screen allows you to configure a variety of print-related settings.

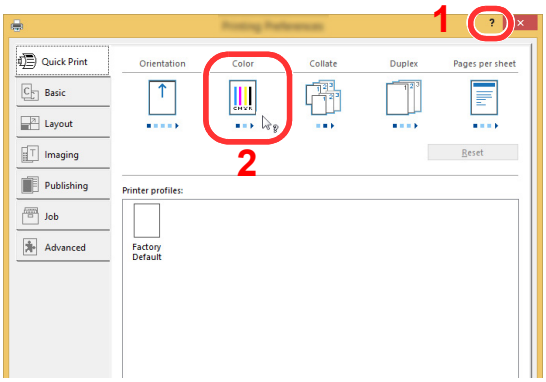
Printer Driver User Guide



No.	Description
1	**[Quick Print] tab** Provides icons that can be used to easily configure frequently used functions. Each time you click an icon, it changes to an image resembling the print results and applies the settings.  **[Basic] tab** This tab groups basic functions that are frequently used. You can use it to configure the paper size and duplex printing. **[Layout] tab** This tab lets you configure settings for printing various layouts, including booklet printing, combine mode, poster printing, and scaling. **[Imaging] tab** This tab lets you configure settings related to the quality of the print results. **[Publishing] tab** This tab lets you create covers and inserts for print jobs and put inserts between sheets of OHP film. **[Job] tab** This tab lets you configure settings for saving print data from the computer to the machine. Regularly used documents and other data can be saved to the machine for easy printing later. Since saved documents can be printed directly from the machine, this function is also convenient when you wish to print a document that you don't want others to see. **[Advanced] tab** This tab lets you configure settings for adding text pages or watermarks to print data.
2	**[Profiles]** Printer driver settings can be saved as a profile. Saved profiles can be recalled at any time, so it's a convenient practice to save frequently used settings.
3	**[Reset]** Click to revert settings to their initial values.

Displaying the Printer Driver Help

The printer driver includes Help. To learn about print settings, open the printer driver print settings screen and display Help as explained below.



1 Click the [**?**] button in the upper right corner of the screen.

2 Click the item you want to know about.

NOTE

You can also display the printer driver help when you click the desired item and press the [**F1**] key on your keyboard.

Changing the Default Printer Driver Settings (Windows 8.1)

The default printer driver settings can be changed. By selecting frequently used settings, you can omit steps when printing. For the settings, refer to the following:

➔ **Printer Driver User Guide**

1 **In charms on Desktop, click [Settings], [Control Panel], and then [Devices and Printers].**

2 **Right-click the printer driver icon of the machine, and click the [Printer properties] menu of the printer driver.**

3 **Click the [Basic] button on the [General] tab.**

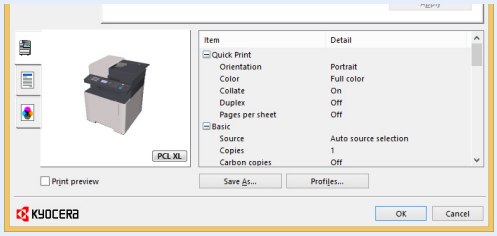
4 **Select the default settings and click the [OK] button.**

Printing from PC

This section provides the printing method using the KX DRIVER.

NOTE

- To print the document from applications, install the printer driver on your computer from the supplied DVD (Product Library).
- In some environments, the current settings are displayed at the bottom of the printer driver.



- When printing the cardstock or envelopes, load the cardstock or envelopes in the multipurpose tray before performing the following procedure.

Loading Paper in the Multipurpose Tray (page 5-5)

Printing on Standard Sized Paper

If you loaded a paper size that is included in the print sizes of the machine, select the paper size in the [**Basic**] tab of the print settings screen of the printer driver.

NOTE

Specify the paper size and media type to print from the operation panel.

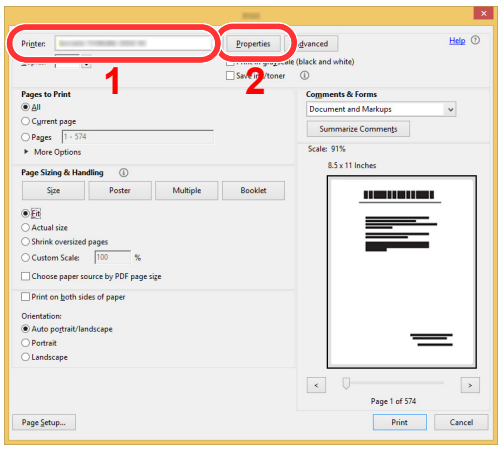
Orig./Paper Set. (page 8-20)

1 Display the screen.

Click [**File**] and select [**Print**] in the application.

2 Configure the settings.

1 Select the machine from the "Printer" menu and click the [**Properties**] button.



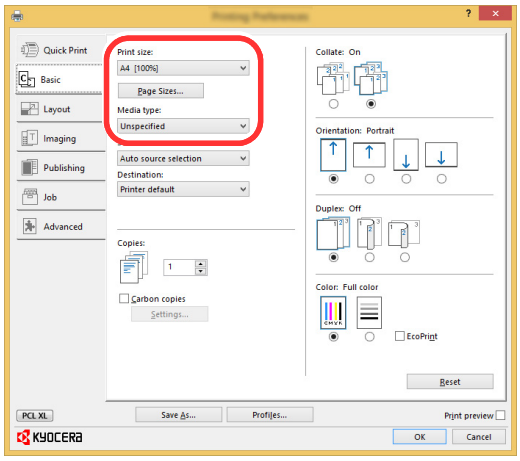
2 Select the [**Basic**] tab.

3 Click "Print size" menu and select the paper size to use for printing.

To load the paper of size that is not included in print sizes of the machine such as cardstock or envelopes, the paper size needs to be registered.

➔ Printing on Non-standard Sized Paper (page 4-6)

To print on the special paper such as thick paper or transparency, click "Media type" menu and select the media type.



4 Click [**OK**] button to return to the Print dialog box.

3 Start printing.

Click the [**OK**] button.

Printing on Non-standard Sized Paper

If you loaded a paper size that is not included in the print sizes of the machine, register the paper size in the [**Basic**] tab of the print settings screen of the printer driver.

The registered size can be selected from the "Print size" menu.

NOTE

To execute printing at the machine, set the paper size and type in the following:

Orig./Paper Set. (page 8-20)

1 Display the print settings screen.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], and then [**Devices and Printers**].

NOTE

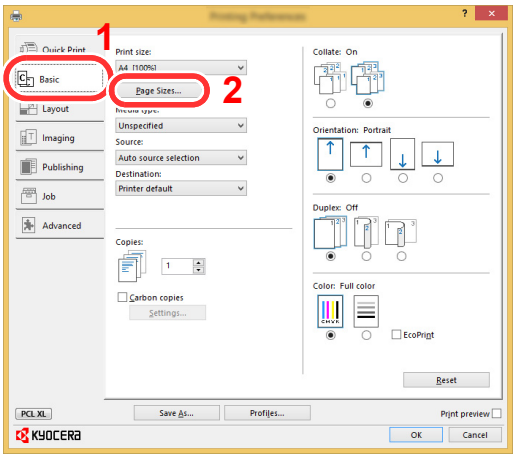
In Windows 8, click [**Start**] button on the Windows, and then click [**Devices and Printers**].

2 Right-click the printer driver icon of the machine, and click the [**Printer properties**] menu of the printer driver.

3 Click the [**Basic**] button on the [**General**] tab.

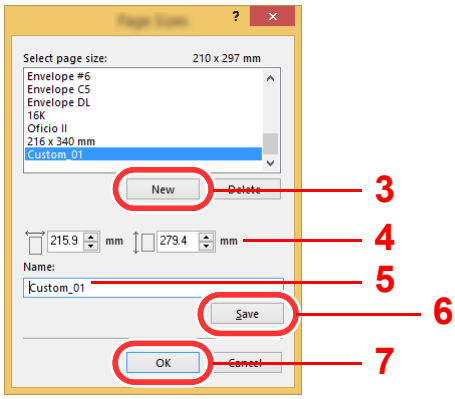
2 Register the paper size.

1 Click the [**Basic**] tab.



2 Click the [**Page Size...**] button.

3 Click the [**New**] button.



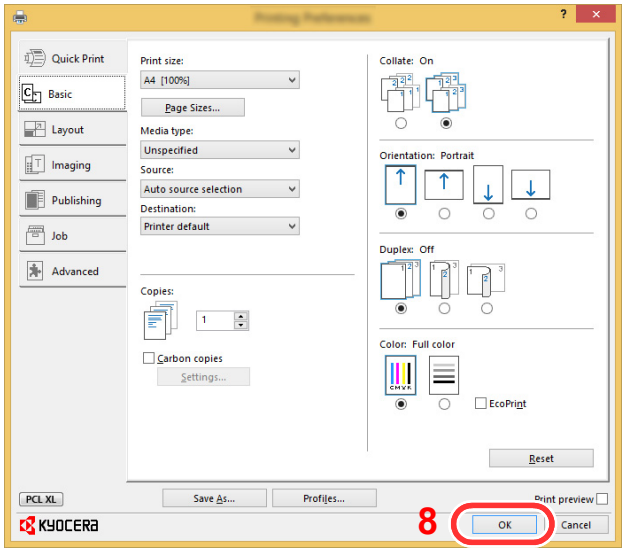
4 Enter the paper size.

5 Enter the name of the paper.

6 Click the [**Save**] button.

7 Click the [**OK**] button.

8 Click the [**OK**] button.

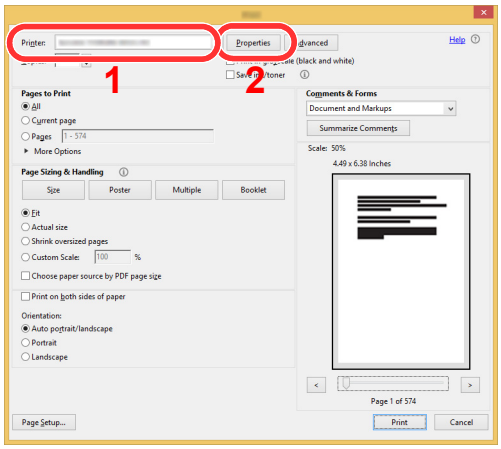


3 Display the screen.

Click [**File**] and select [**Print**] in the application.

4 Select the paper size and type of non-standard size paper.

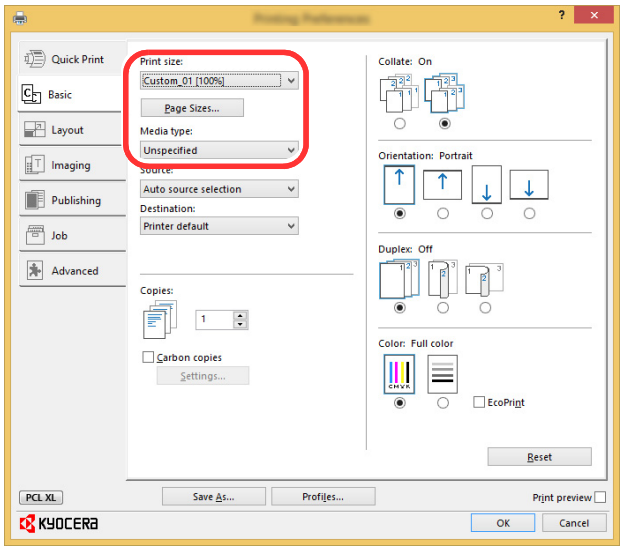
1 Select the machine from the "Printer" menu and click the [**Properties**] button.



2 Select the [**Basic**] tab.

3 Click "Print size" menu and select the paper size registered in step 2.

To print on the special paper such as thick paper or transparency, click "Media type" menu and select the media type.



NOTE

If you loaded a postcard or envelope, select [**Cardstock**] or [**Envelope**] in the "Media type" menu.

4 Select the paper source in the "Source" menu.

5 Click [**OK**] button to return to the Print dialog box.

5 Start printing.

Click the [**OK**] button.

Canceling Printing from a Computer

To cancel a print job executed using the printer driver before the printer begins printing, do the following:

NOTE

When canceling printing from this machine, refer to the following:

Canceling Jobs (page 5-13)

1 Double-click the printer icon ( ) displayed on the taskbar at the bottom right of the Windows desktop to display a dialog box for the printer.

2 Click the file for which you wish to cancel printing and select [Cancel] from the "Document" menu.

Printing from the Handheld Device

This machine supports the AirPrint, Google Cloud Print, Mopria and Wi-Fi Direct.

According to the supported OS and application, you can print the job from any handheld device or computer without installing a printer driver.

Printing by AirPrint

AirPrint is a printing function that is included standard in iOS 4.2 and later products, and Mac OS X 10.7 and later products.

To use the AirPrint, make sure that the AirPrint setting is enabled in the Command Center RX.

Command Center RX User Guide

Printing by Google Cloud Print

Google Cloud Print is a printing service provided by Google. This service enables a user with a Google account to print from a machine connected to the Internet.

The machine can be configured in the Command Center RX.

Command Center RX User Guide

NOTE

A Google account is necessary to use Google Cloud Print. Obtain a Google account if you do not have one.

It is also necessary to register the machine with the Google Cloud Print service in advance. The machine can be registered from a PC connected to the same network.

Printing by Mopria

Mopria is a standard on printing function included in Android 4.4 or later products. Mopria Print Service needs to be installed and enabled in advance.

For details on how to use, refer to a Web site of Mopria Alliance.

Printing with Wi-Fi Direct

Wi-Fi Direct is a wireless LAN standard that Wi-Fi Alliance has been established. This is one of the functions of the wireless LAN, without a wireless LAN access point or wireless LAN router, between devices can communicate directly on a peer to peer basis.

The printing procedure by the Wi-Fi Direct is the same as that from the normal handheld devices.

When you use a printer name or Bonjour name on the port settings of the printer property, you can print the job by specifying the name at Wi-Fi Direct connection.

When you use an IP address for the port, specify the IP address of this machine.

Printing Data Saved in the Printer

You can save the print job into the Job Box of this device and print it as necessary. To use the Stored Job Box and the Quick Copy Box, an SD/SDHC memory card must be installed in the device. To use the Private Print Box and the Proof and Hold Box, an expansion memory or SD/SDHC memory card must be installed in the device.

IMPORTANT

Unencrypted data is saved on the SD/SDHC memory card.

Exercise caution when saving sensitive documents.

NOTE

- To use expansion memory, [**RAM Disk Mode**] must be [**On**].

RAM Disk Mode (page 8-30)

- If you are using an SD/SDHC memory card to use a job box, set [**RAM Disk Mode**] to [**Off**].

If you configure settings in the [**Job**] tab of the printer driver and then print, the print job will be saved in the Job Box (memory) and printing can be executed at the machine.

Follow the work flow below when using Job Box.

Specifying the Job Box from a computer and sending the print job. (page 4-10)

▼

Using the operation panel to specify a file within a Box and printing it.

You can print the documents from the following boxes.

Printing Documents from Private Print Box (page 4-11)

Printing Document from Stored Job Box (page 4-12)

Printing Document from Quick Copy Box (page 4-14)

Printing Document from Proof and Hold Box (page 4-15)

Specifying the Job Box from a Computer and Storing the Job

1 Click [File] and select [Print] in the application.

The Print dialog box displays.

2 Select the machine from the "Name" menu.

3 Click the [Properties] button.

The Properties dialog box displays.

4 Click the [Job] tab and select the [Job storage (e-MPS)] check box to set the function.

NOTE

For information on how to use the printer driver software, refer to the following:

Printer Driver User Guide

Printing Documents from Private Print Box

In Private Printing, you can specify that a job is not to be printed until you operate the machine. When sending the job from the application software, specify a 4-digit access code in the printer driver. The job is released for printing by entering the access code on the operation panel, ensuring confidentiality of the print job. The data will be deleted upon completion of the print job or after the power switch is turned off.

1 Display the screen.

1. [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Private/Stored**] > [**OK**] key
2. Select the creator of the document, and select the [**OK**] key.

2 Print the document.

1. Select the document to print, and [**Select**] > [**OK**] key.

   The file is selected. A checkmark will be placed on the right of the selected file.

   Select the checkmarked file and select [**Select**] again to cancel the selection.

   NOTE

   Select [**Menu**] to perform the following operations.

   - [**Select All**]: Select all files.
   - [**Clear All**]: Cancel all the file selections.
   - [**Detail**]: Display the details for the selected document.

2. [▲] [▼] key > [**Print**] > [**OK**] key
3. Enter the access code.
4. Specify the number of copies to print as desired, and the [**OK**] key > [**Yes**].

   Printing starts.

   Upon completion of printing, the Private Print job is automatically deleted.

Deleting the Documents Stored in the Private Print Box

1 Display the screen.

1. [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Private/Stored**] > [**OK**] key
2. Select the creator of the document, and select the [**OK**] key.

2 Delete the document.

1 Select the document to delete, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

> **NOTE**
> Select [**Menu**] to perform the following operations.
>
> • [**Select All**]: Select all files.
> • [**Clear All**]: Cancel all the file selections.
> • [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Delete**] > [**OK**] key > Enter the access code > [**OK**] key > [**Yes**]

The document is deleted.

Printing Document from Stored Job Box

In Stored Job, the print data sent from the application is saved to the machine. You can set up an access code as necessary. If you set up an access code, enter the access code when printing. Print data will be stored in the Stored Job Box after printing. This will allow printing of the same print data repeatedly.

1 Display the screen.

1 [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Private/Stored**] > [**OK**] key

2 Select the creator of the document, and select the [**OK**] key.

2 Print the document.

1 Select the document to print, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

> **NOTE**
> Select [**Menu**] to perform the following operations.
>
> • [**Select All**]: Select all files.
> • [**Clear All**]: Cancel all the file selections.
> • [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Print**] > [**OK**] key

3 Specify the number of copies to print as desired, and the [**OK**] key > [**Yes**].

Printing starts.

> **NOTE**
> If the document is protected by an access code, the password entry screen will be displayed. Enter the password using the numeric keys.

Deleting the Documents Stored in the Stored Job Box

1 Display the screen.

1 [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Private/Stored**] > [**OK**] key

2 Select the creator of the document, and select the [**OK**] key.

2 Print and delete the document.

1 Select the document to delete, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

NOTE

Select [**Menu**] to perform the following operations.

- [**Select All**]: Select all files.
- [**Clear All**]: Cancel all the file selections.
- [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

The document is deleted.

NOTE

If the document is protected by an access code, the password entry screen will be displayed. Enter the password using the numeric keys.

Printing Document from Quick Copy Box

Quick Copy feature facilitates additional prints of a document already printed. Activating Quick Copy and printing a document using the printer driver allow the print data to be stored in the Quick Copy Job Box. When additional copies are required, you can reprint the required number of copies from the operation panel. By default, up to 32 documents can be stored. When power is turned off, all stored jobs will be deleted.

NOTE

- When the number of jobs reaches the limit, the oldest job will be overwritten by the new one.
- To maintain free space on the box, you can set the maximum number of stored jobs.

Quick Copy Jobs (page 8-36)

1 Display the screen.

1. [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Quick/Proof**] > [**OK**] key
2. Select the creator of the document, and select the [**OK**] key.

2 Print the document.

1. Select the document to print, and [**Select**] > [**OK**] key.

   The file is selected. A checkmark will be placed on the right of the selected file.

   Select the checkmarked file and select [**Select**] again to cancel the selection.

   NOTE

   Select [**Menu**] to perform the following operations.

   - [**Select All**]: Select all files.
   - [**Clear All**]: Cancel all the file selections.
   - [**Detail**]: Display the details for the selected document.

2. [▲] [▼] key > [**Print**] > [**OK**] key
3. Specify the number of copies to print as desired, and the [**OK**] key > [**Yes**].

   Printing starts.

Deleting the Documents Stored in the Quick Copy Box

1 Display the screen.

1. [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Quick/Proof**] > [**OK**] key
2. Select the creator of the document, and select the [**OK**] key.

2 Delete the document.

1 Select the document to delete, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

> **NOTE**
> Select [**Menu**] to perform the following operations.
> • [**Select All**]: Select all files.
> • [**Clear All**]: Cancel all the file selections.
> • [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

The document is deleted.

Printing Document from Proof and Hold Box

The Proof and Hold feature produces only a single proof print of multiple-print job and holds printing of the remaining copies. Printing a multiple-print job in Proof and Hold using the printer driver allows only a single copy to be printed while maintaining the document data in the Job Box. To continue to print the remaining copies, use the operation panel. You can change the number of copies to print.

1 Display the screen.

1 [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Quick/Proof**] > [**OK**] key

2 Select the creator of the document, and select the [**OK**] key.

2 Print the document.

1 Select the document to print, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

> **NOTE**
> Select [**Menu**] to perform the following operations.
> • [**Select All**]: Select all files.
> • [**Clear All**]: Cancel all the file selections.
> • [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Print**] > [**OK**] key

3 Specify the number of copies to print as desired, and the [**OK**] key > [**Yes**].

Printing starts.

Deleting the Documents Stored in the Proof and Hold Box

1 Display the screen.

1 [**Document Box/USB**] key > [▲] [▼] key > [**Job Box**] > [**OK**] key > [▲] [▼] key > [**Quick/Proof**] > [**OK**] key

2 Select the creator of the document, and select the [**OK**] key.

2 Delete the document.

1 Select the document to delete, and [**Select**] > [**OK**] key.

The file is selected. A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

NOTE

Select [**Menu**] to perform the following operations.
- [**Select All**]: Select all files.
- [**Clear All**]: Cancel all the file selections.
- [**Detail**]: Display the details for the selected document.

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

The document is deleted.

Monitoring the Printer Status (Status Monitor)

The Status Monitor monitors the machine status and provides an ongoing reporting function.

NOTE

When you activate Status Monitor, check the status below.

- KX DRIVER is installed.
- Either [**Enhanced WSD**] or [**EnhancedWSD(SSL)**] is enabled.

Network Setting (page 8-7)

Accessing the Status Monitor

The Status Monitor also starts up when printing is started.

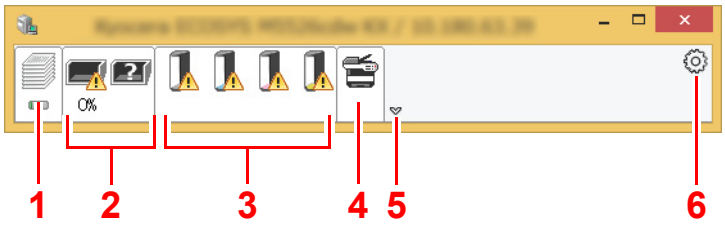
Exiting the Status Monitor

Use either of the methods listed below to exit the Status Monitor.

- Exit manually:
  Click the settings icon and select Exit in the menu to exit the Status Monitor.
- Exit automatically:
  The Status Monitor automatically shuts down after 7 minutes if it is not being used.

Quick View State

The status of the machine is displayed using icons. Detailed information is displayed when the Expand button is clicked.

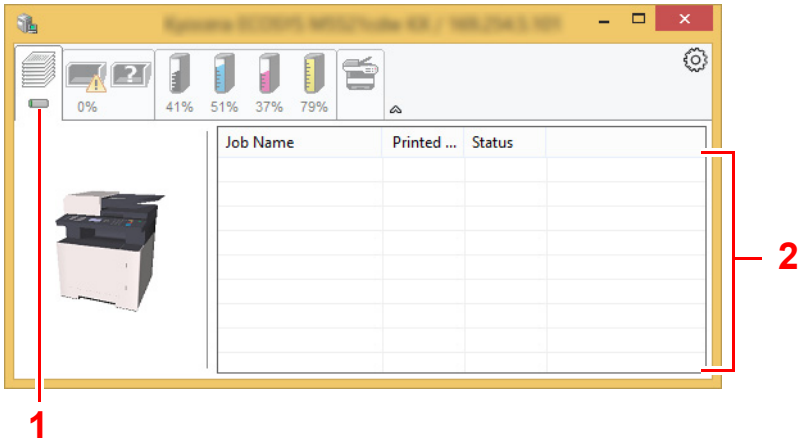


1 Printing Progress Tab
2 Paper Tray Status Tab
3 Toner Status Tab
4 Alert Tab
5 Expand button
6 Settings icon

Detailed information is displayed by clicking on each icon tab.

Printing Progress Tab

The status of the print jobs is displayed.



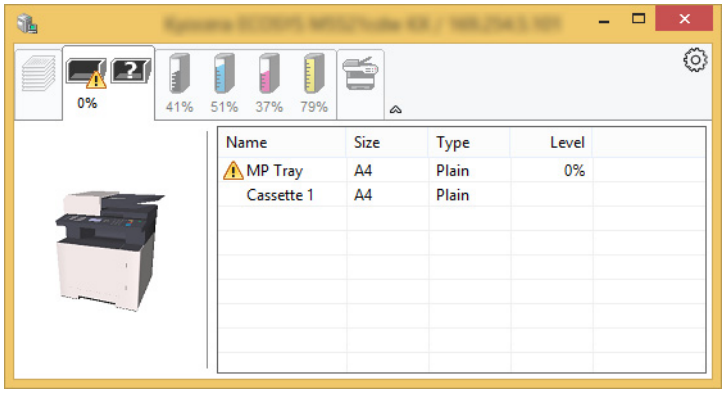
1 Status icon

2 Job list

Select a job on the job list and it can be canceled using the menu displayed with a right-click.

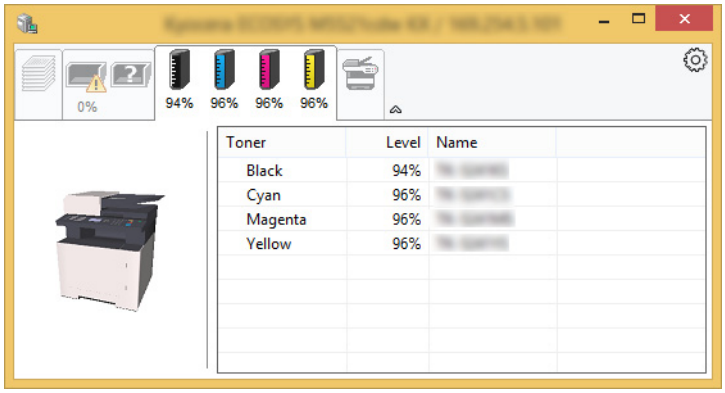
Paper Tray Status Tab

Information is displayed about the paper in the printer and about the amount of paper remaining.



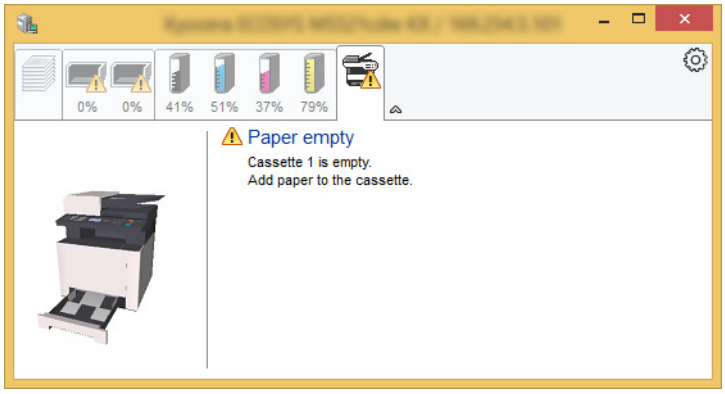
Toner Status Tab

The amount of toner remaining is displayed.



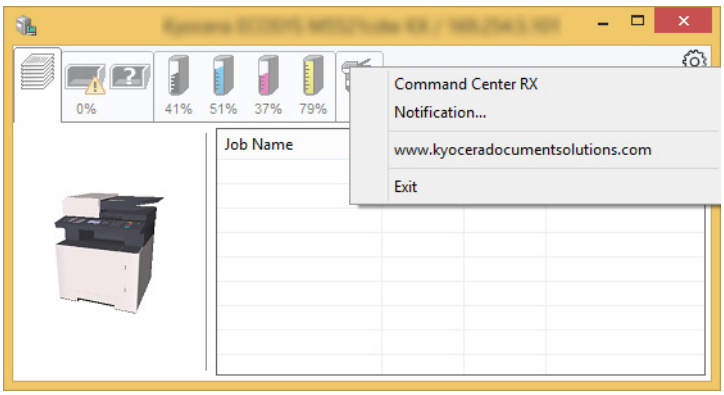
Alert Tab

If an error occurs, a notice is displayed using a 3D image and a message.



Status Monitor Context Menu

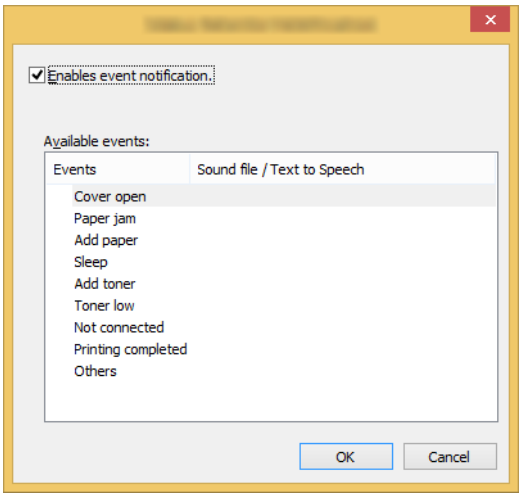
The following menu is displayed when the settings icon is clicked.



- **Command Center RX**
  If the printer is connected to a TCP/IP network and has its own IP address, use a web browser to access the Command Center RX to modify or confirm the network settings.This menu is not displayed when using USB connection.
  ➔ **Command Center RX User Guide**
- Notification…
  This sets the display of the Status Monitor.
  ➔ Status Monitor Notification Settings (page 4-20)
- **www.kyoceradocumentsolutions.com**
  Open our website.
- **Exit**
  Exits the Status Monitor.

Status Monitor Notification Settings

Click the setting icon to display valid events in the status monitor notification screen.



Select whether notification is performed when an error in the event list occurs.

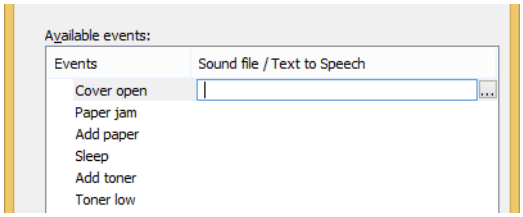
1 Select Enable event notification.

If this setting is set to Off, then the Status Monitor will not start up even when printing is executed.

2 Select an event to use with the text to speech function in Available events.

3 Click Sound file / Text to Speech column.

Click the browse (...) button to notify the event by sound file.



NOTE

The available file format is WAV.

When customizing the message texts to read on the screen aloud, enter the texts in the text box.

5 Operation on the Machine

This chapter explains the following topics:

Loading Originals 5-2
Placing Originals on the Platen 5-2
Loading Originals in the Document Processor 5-3
Loading Paper in the Multipurpose Tray 5-5
Program 5-8
Registering Programs 5-8
Recalling Program 5-9
Overwriting Program 5-10
Deleting Program 5-10
Select Key Settings 5-11
Copying 5-12
Basic Operation 5-12
Canceling Jobs 5-13
Frequently-Used Sending Method 5-14
Sending Document via E-mail 5-15
Configuring Settings before Sending 5-15
Sending Scanned Document via E-mail 5-15
Sending Document to Desired Shared Folder on a Computer (Scan to PC) 5-16
Configuring Settings before Sending 5-16
Sending Document to Desired Shared Folder on a Computer 5-16
Sending Document to Folder on an FTP Server (Scan to FTP) 5-18
Configuring Settings before Sending 5-18
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Scanning using TWAIN or WIA 5-20
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Scanning Document Using Application 5-20
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WSD scan 5-23
Sending to Different Types of Destinations (Multi Sending) 5-25
Send to Me (E-mail) 5-26
Sending a document to the mail address of the logged in user 5-26
Canceling Sending Jobs 5-27
Handling Destination 5-28
Specifying Destination 5-28
Choosing from the Address Book 5-28
Choosing from the External Address Book 5-29
Choosing from the One Touch Key ... 5-30
Checking and Editing Destinations ... 5-31
Confirmation Screen of Destinations 5-32
Recall 5-32
How to use the FAX Function 5-33
Using Document Boxes 5-34
What is Job Box? 5-34
What is Removable Memory Box? 5-34
What is Sub Address Box/Polling Box? 5-34
Operating using Removable USB Memory 5-35
Printing Documents Stored in Removable USB Memory 5-35
Saving Documents to USB Memory (Scan to USB) 5-37
Check the USB Memory Information 5-38
Removing USB Memory 5-38

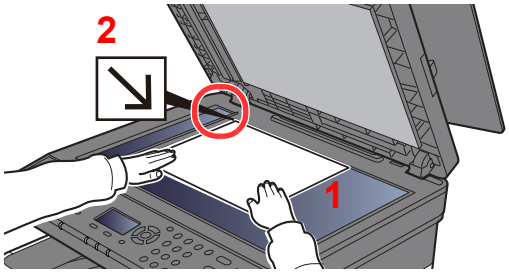
Loading Originals

Load the originals on the platen or document processor, depending on the original size, type, volume, and function.

- Platen: Place the sheet, book, postcards, and envelopes.
- Document Processor: Place the multiple originals.

Placing Originals on the Platen

You may place books or magazines on the platen in addition to ordinary sheet originals.



1 Put the scanning side facedown.

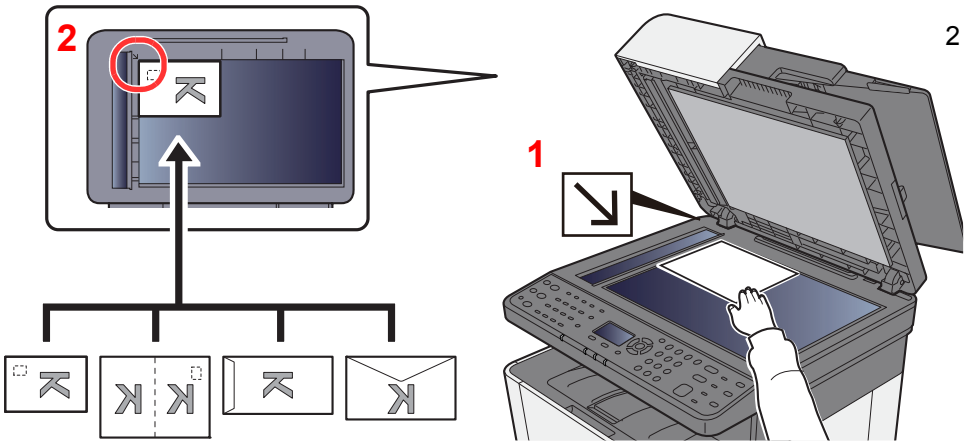
2 Align it flush against the original size indicator plates with the back left corner as the reference point.

NOTE

For details on Original Orientation, refer to the following:

Original Orientation (page 6-15)

When you place envelopes or cardstock on the platen



1 Put the scanning side facedown.

2 Align it flush against the original size indicator plates with the back left corner as the reference point.

NOTE

For the procedure for feeding envelopes or cardstock, refer to the following:

When you load envelopes or cardstock in the multipurpose tray (page 5-7)

CAUTION

Do not leave the document processor open as there is a danger of personal injury.

IMPORTANT

- **Do not push the document processor forcefully when you close it. Excessive pressure may crack the platen glass.**
- **When placing books or magazines on the machine, do so with the document processor in the open position.**

Loading Originals in the Document Processor

The document processor automatically scans each sheet of multiple originals.

The document processor supports the following types of originals.

Weight	50 to 160 g/m^2
Sizes	Maximum A4 (Legal) to Minimum A6 (Statement)
No. of sheets	Plain paper (80 g/m^2): 50 sheets (Mixed size originals: 30 sheets)

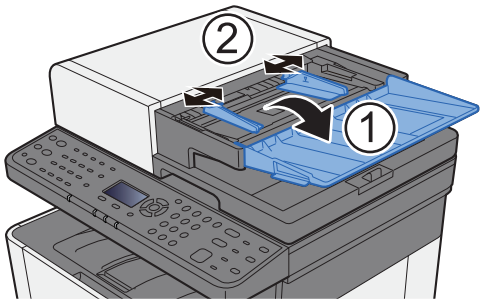
Do not use the document processor for the following types of originals. Otherwise, the originals may be jammed or the document processor may become dirty.

- Originals bound with clips or staples (Remove the clips or staples and straighten curls, wrinkles or creases before loading. Failure to do so may cause the originals to jam.)
- Originals with adhesive tape or glue
- Originals with cut-out sections
- Curled original
- Originals with folds (Straighten the folds before loading. Failure to do so may cause the originals to jam.)
- Carbon paper
- Crumpled paper

IMPORTANT

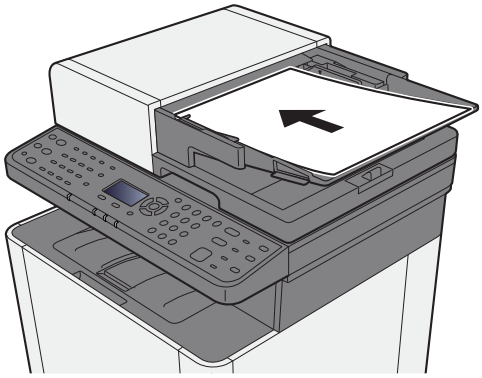
- **Before loading originals, be sure that there are no originals left on the original eject table. Originals left on the original eject table may cause the new originals to jam.**
- **Do not make an impact on the document processor top cover, such as aligning the originals on the top cover. It may cause an error in the document processor.**

1 Open the original table and then adjust the original width guides.



2 Place the originals.

1 Put the side to be scanned face-up. Slide the leading edge into the document processor as far as it will go.



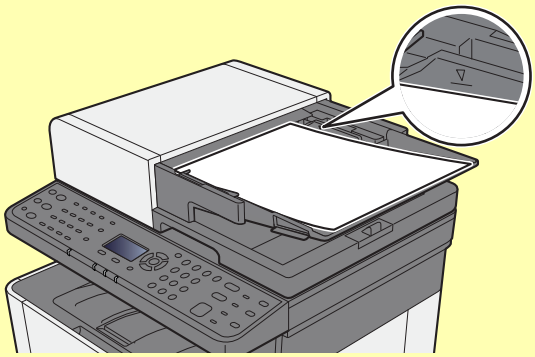
NOTE

For details on Original Orientation, refer to the following:

Original Orientation (page 6-15)

IMPORTANT

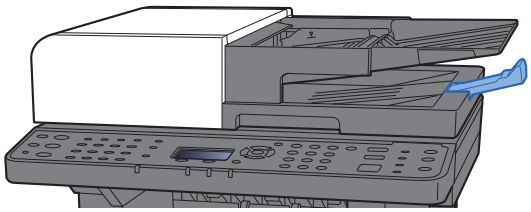
Confirm that the original width guides exactly fit the originals. If there is a gap, readjust the original width guides. The gap may cause the originals to jam.



Ensure that loaded originals do not exceed the level indicator. Exceeding the maximum level may cause the originals to jam.

Originals with punched holes or perforated lines should be placed in such a way that the holes or perforations will be scanned last (not first).

2 Open the original stopper to fit the size of the original set (Original size: Legal).



Loading Paper in the Multipurpose Tray

For details of the supported paper sizes, refer to the following:

Choosing the Appropriate Paper (page 11-14)

For the paper type setting, refer to the following:

Media Type Setting (page 8-24)

Be sure to use the multipurpose tray when you print on any special paper.

IMPORTANT

- **If you are using a paper weight of 106 g/m^2 or more, set the media type to Thick and set the weight of the paper you are using.**
- **Remove each transparency from the inner tray as it is printed. Leaving transparencies in the inner tray may cause a paper jam.**

The capacity of the multipurpose tray is as follows.

- Plain paper (80 g/m^2) or recycled paper: 50 sheets
- Thick paper (209 g/m^2): 15 sheets
- Thick paper (157 g/m^2): 30 sheets
- Thick paper (104.7 g/m^2): 50 sheets
- Hagaki (Cardstock): 15 sheets
- Envelope DL, Envelope C5, Envelope #10, Envelope #9, Envelope #6 3/4, Envelope Monarch, Youkei 4, Youkei 2: 5 sheets
- OHP film: 1 sheet
- Coated: 30 sheets

NOTE

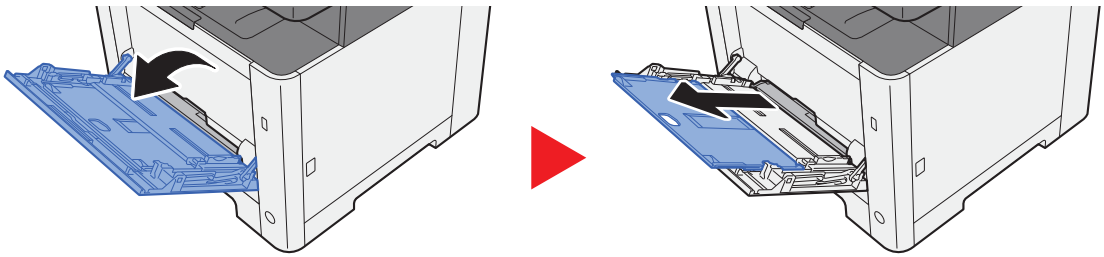
- When you load custom size paper, enter the paper size by referring to the following:

Orig./Paper Set. (page 8-20)

- When you use special paper such as transparencies or thick paper, select the media type by referring to the following:

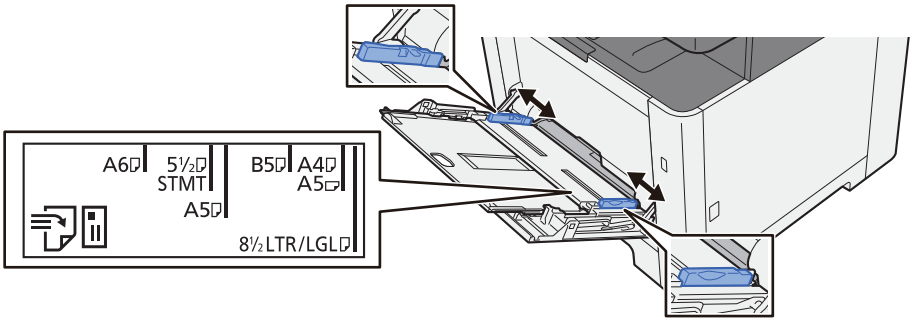
MP Tray Set. (Multipurpose Tray Settings) (page 8-23)

1 Open the multipurpose tray.

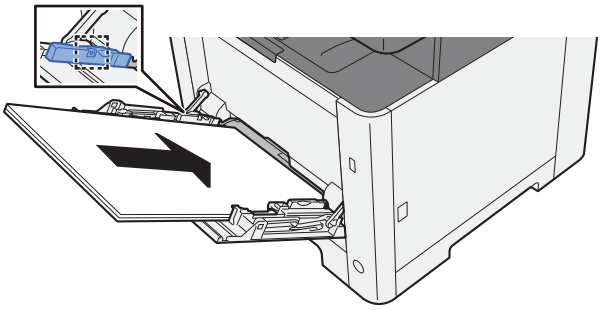


2 Adjust the multipurpose tray size.

Paper sizes are marked on the multipurpose tray.



3 Load paper.



Insert the paper along the paper width guides into the tray until it stops.

After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.

Precaution for Loading Paper (page 3-2)

IMPORTANT

- **When loading the paper, keep the print side facing down.**
- **Curled paper must be uncurled before use.**
- **When loading paper into the multipurpose tray, check that there is no paper left over in the tray from a previous job before loading the paper. If there is just a small amount of paper left over in the multipurpose tray and you want to add more, first remove the left-over paper from the tray and include it with the new paper before loading the paper back into the tray.**
- **If there is a gap between the paper and the paper width guides, readjust the guides to fit the paper in order to prevent skewed feeding and paper jams.**
- **Ensure that the loaded paper does not exceed the load limits.**

4 Specify the type of paper loaded in the multipurpose tray using the operation panel.

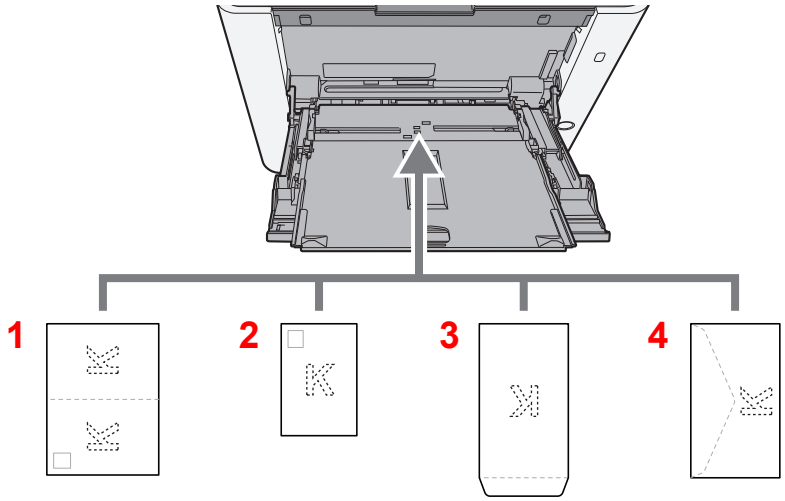
MP Tray Set. (Multipurpose Tray Settings) (page 8-23)

When you load envelopes or cardstock in the multipurpose tray

Load the paper with the print side facing up. For the procedure for printing, refer to the following:

Printer Driver User Guide

Example: When printing the address.



1 Oufuku hagaki (Return postcard)
2 Hagaki (Cardstocks)
3 Portrait form envelopes
4 Landscape form envelopes

IMPORTANT

- **Use unfolded Oufuku hagaki (Return postcard).**
- **How to load envelopes (orientation and facing) will differ depending on the type of envelope. Be sure to load it in correctly, otherwise printing may be done in the wrong direction or on the wrong face.**

NOTE

When you load envelopes in the multipurpose tray, select the envelope type by referring to the following:

MP Tray Set. (Multipurpose Tray Settings) (page 8-23)

Program

By registering sets of frequently used functions as a single program, you can simply select one of the [**Program I**] to [**Program IV**] keys as needed to recall those functions.

The following functions are already registered in [**Program I**] key. This function allows you to copy the front and back sides of ID card or other document that is smaller than Statement or A5/Statement size onto a single page. Although the functions are deleted by overwriting [**Program I**] key, you can register the same settings using the [**Function Menu**] key.

- Paper Selection: Cassette 1
- Same size
- Combine: 2 in 1
- Original size: A5/Statement
- Continuous scanning: ON

NOTE

- It is possible to register the copy function, sending function and fax function in a program.
- If user login administration is enabled, you can only register functions by logging in with administrator privileges.

Registering Programs

1 Configure the settings of the functions.

Configure the settings of the functions you want to register in a program.

For the settings of functions, refer to the following:

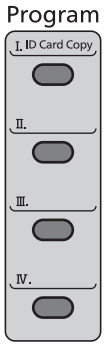
Using Various Functions (page 6-1)

NOTE

In the case of the sending function and fax function, a destination is also registered in the program.

2 Register the program.

Press the one of the [**Program I**] to [**Program IV**] keys where you want to register the settings and hold it (2 seconds or more).



The current settings are registered to the selected program key.

Recalling Program

Select the one of the [**Program I**] to [**Program IV**] keys where the settings you want to recall are registered. The current settings of various functions are replaced with the registered settings.

Place the originals and press the [**Start**] key.

Overwriting Program

1 Configure the settings of the functions.

Set the function to change.

For the settings of functions, refer to the following:

Using Various Functions (page 6-1)

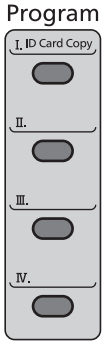
NOTE

In the case of the sending function and fax function, a destination is also registered in the program.

2 Overwrite the program.

1 Press the one of the [**Program I**] to [**Program IV**] keys to change and hold it (2 seconds or more).

Program



2 [▲] [▼] key > [**Overwrite**] > [**OK**] key > [**Yes**]

Register the changed program.

Deleting Program

1 Display the screen.

Press the one of the [**Program I**] to [**Program IV**] keys to delete and hold it (2 seconds or more).

2 Delete the program.

[▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

Select Key Settings

Commonly used functions can be registered to the Select key. Functions can be easily configured by selecting the Select key.

Functions can be registered in Select keys from the system menu.

Copy (page 8-32)
Send (page 8-35)
Document Box (page 8-36)

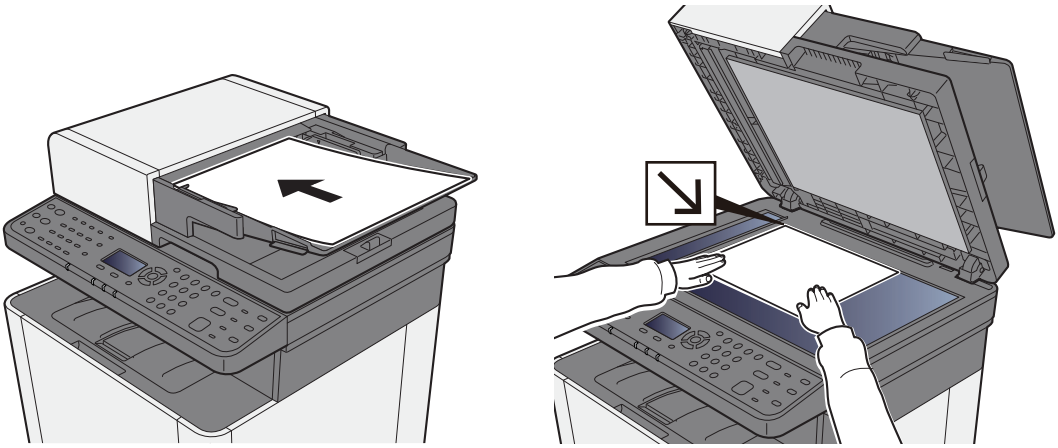
Copying

The procedures here represent the basic copy operation and how to cancel the copy.

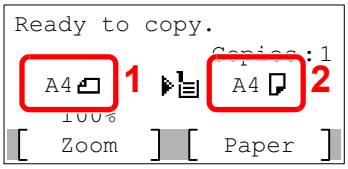
Basic Operation

1 **Select the [Copy] key.**

2 **Place the originals.**



Loading Originals (page 5-2)



1 Original size

2 Paper size

Check the original size and the paper size.

NOTE

For selecting the original size, refer to the following:

Original Size (page 6-15)

For selecting the paper source, refer to the following:

Paper Selection (page 6-8)

3 Select the color mode.

Full Color

Black & White

Full Color	Scans all documents in full color.
Black & White	Scans all documents in black & white.

To make more detailed settings, refer to the following:

➔ Color Selection (page 6-19)

4 Select the functions.

Select the [**Function Menu**] key to select the copier functions to use.

➔ Copy (page 6-3)

5 Use the numeric keys to enter the copy quantity.

Specify the desired number up to 999.

6 Press the [Start] key.

Copying begins.

Canceling Jobs

1 Select the [Stop] key with the copy screen displayed.

2 Cancel a job.

1. [▲] [▼] key > [**Cancel Print Job**] > [**OK**] key
2. Select the job to cancel, and [**Menu**].
3. [▲] [▼] key > [**Cancel Job**] > [**OK**] key

> **NOTE**
> Select [**Detail**] and the [**OK**] key to show the detailed information of the job.

4. Select [**Yes**].

   The job is canceled.

> **NOTE**
> During scanning, the job can be canceled by selecting the [**Stop**] key or [**Cancel**].

Frequently-Used Sending Method

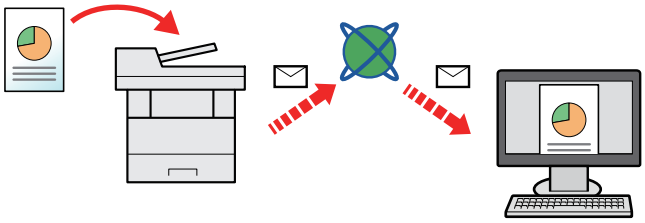
This machine can send a scanned image as an attachment of an E-mail message or to a PC linked to the network. In order to do this, it is necessary to register the sender and destination (recipient) address on the network.

A network environment which enables the machine to connect to a mail server is required in order to send E-mail. It is recommended that a Local Area Network (LAN) be used to assist with transmission speed and security issues.

Follow the steps below for basic sending. The following four options are available.

- Send as E-mail (E-mail Addr Entry): Sends a scanned original image as an E-mail attachment.

Sending Document via E-mail (page 5-15)

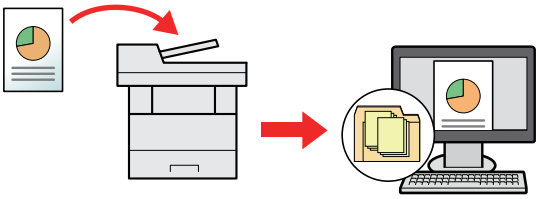


- Send to Folder (SMB): Stores a scanned original image in a shared folder of any PC.

Sending Document to Desired Shared Folder on a Computer (Scan to PC) (page 5-16)

- Send to Folder (FTP): Stores a scanned original image in a folder of an FTP server.

Sending Document to Folder on an FTP Server (Scan to FTP) (page 5-18)



- Image Data Scanning with TWAIN / WIA: Scan the document using a TWAIN or WIA compatible application program.

Scanning using TWAIN or WIA (page 5-20)

NOTE

- Different sending options can be specified in combination.

Sending to Different Types of Destinations (Multi Sending) (page 5-25)

- The fax function can be used with the machine.

FAX Operation Guide

Sending Document via E-mail

When transmitting using wireless LAN, select the interface dedicated to the send function in advance.

Primary Network (page 8-16)

Configuring Settings before Sending

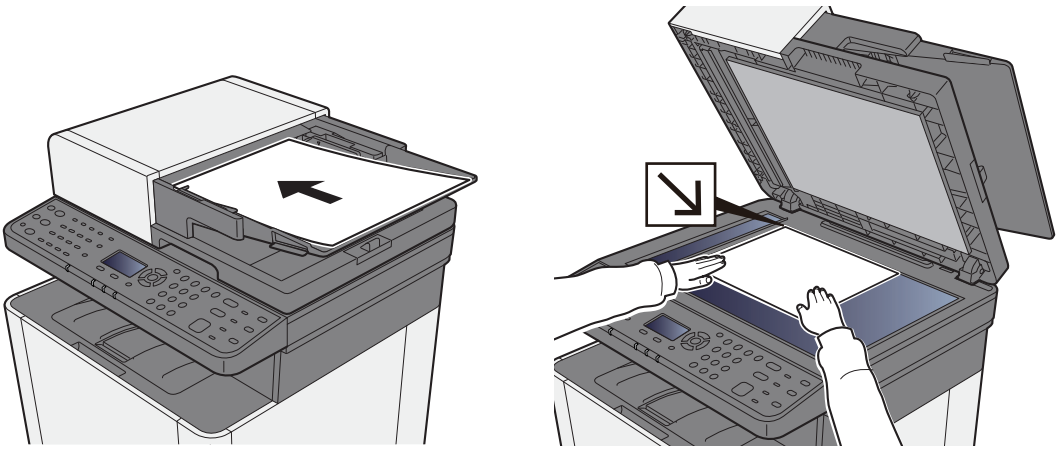
Before sending an E-mail, configure the SMTP and E-mail settings using the Command Center RX.

E-mail Settings (page 2-51)

Sending Scanned Document via E-mail

1 Select the [Send] key.

2 Place the originals.



Loading Originals (page 5-2)

3 [▲] [▼] key > [E-mail] > [OK] key

4 Enter destination E-mail address > [OK] key

Up to 128 characters can be entered.

Character Entry Method (page 11-8)

To enter multiple destinations, select [**Confirm/Add Destination**] key and enter the next destination. Up to 100 E-mail addresses can be specified.

Destinations can be changed later.

Confirmation Screen of Destinations (page 5-32)

5 Select the functions.

Select the [**Function Menu**] key to select the send functions to use.

Send (page 6-4)

6 Press the [Start] key.

Sending starts.

Sending Document to Desired Shared Folder on a Computer (Scan to PC)

Configuring Settings before Sending

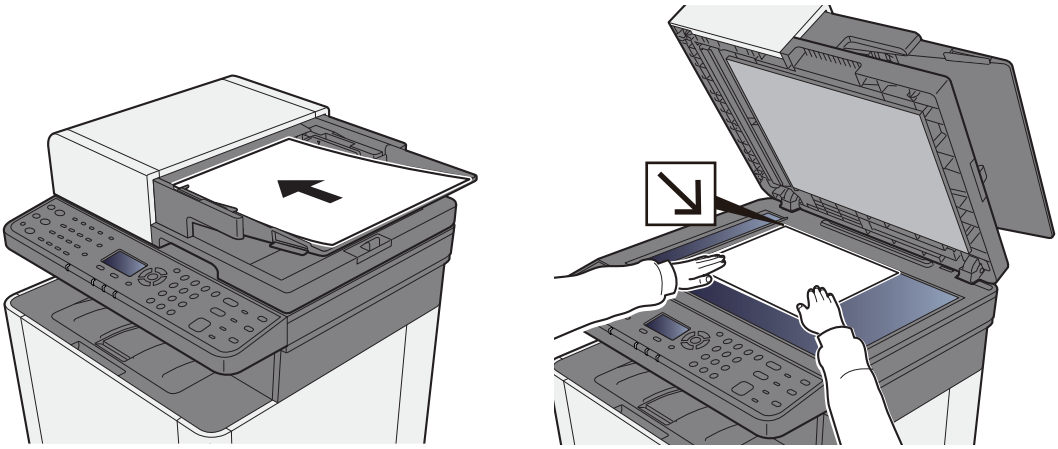
Before sending an document, configure the following settings.

- Make a note of the computer name and full computer name
  - Making a note of the computer name and full computer name (page 3-10)
- Make a note of the user name and domain name
  - Making a note of the user name and domain name (page 3-11)
- Create a shared folder and make a note of a shared folder
  - Creating a Shared Folder, Making a Note of a Shared Folder (page 3-12)
- Configure the Windows firewall
  - Configuring Windows Firewall (page 3-15)

Sending Document to Desired Shared Folder on a Computer

1 **Select the [Send] key.**

2 **Place the originals.**



Loading Originals (page 5-2)

3 **[▲] [▼] key > [Folder(SMB)] > [OK] key**

4 **Enter the destination information.**

Enter the information for each item and select the [**OK**] key.

Character Entry Method (page 11-8)

The table below lists the items to be set.

Item	Detail	Max. characters
Host Name *1	Computer name	Up to 64 characters
Path	Share name For example: scannerdata If saving in a folder in the shared folder: share name\folder name in shared folder	Up to 128 characters
Login User Name	If the computer name and domain name are the same: User Name For example: james.smith If the computer name and domain name are different: Domain name\User name For example: abcdnet\james.smith	Up to 64 characters
Login Password	Windows logon password **(Case sensitive.)**	Up to 64 characters

*1 You can also specify the port number. Enter the following format separated by a colon.
"Host name: port number" or "IP address: port number"
To enter the IPv6 address, enclose the address in brackets [ ].
(Example: [2001:db8:a0b:12f0::10]:445)
If the port number is not specified, the default port number is 445.

5 Check the status.

The connection confirmation screen appears. Select [**Yes**] to check the connection and [**No**] to not check it.

"Connected." appears when connection to the destination is correctly established. If "Cannot connect." appears, review the entry.

To send to multiple destinations, repeat steps 3 to 4.

Destinations can be changed later.

➔ Confirmation Screen of Destinations (page 5-32)

6 Select the functions.

Select the [**Function Menu**] key to select the send functions to use.

➔ Send (page 6-4)

7 Press the [Start] key.

Sending starts.

Sending Document to Folder on an FTP Server (Scan to FTP)

Configuring Settings before Sending

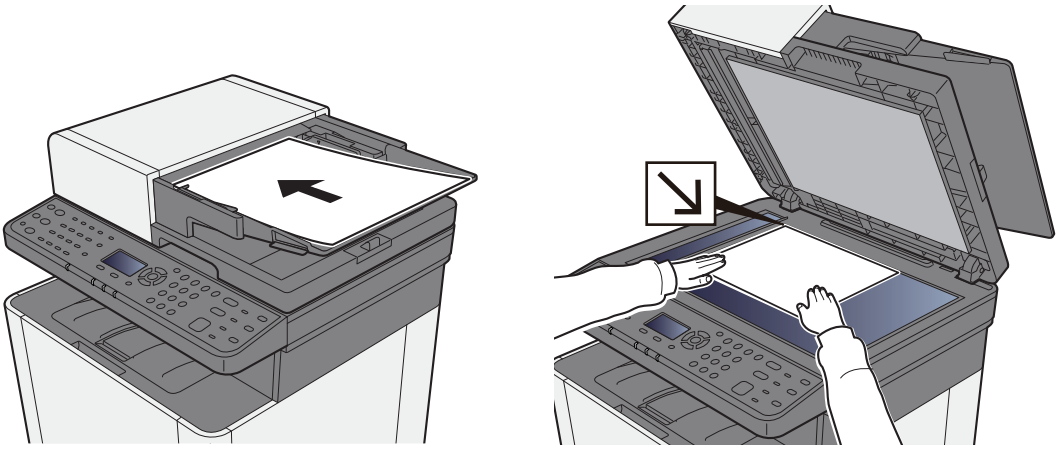
Before sending an document, configure the FTP Client (Transmission).

ProtocolSettings (page 8-12)

Sending Document to Folder on an FTP Server

1 **Select the [Send] key.**

2 **Place the originals.**



Loading Originals (page 5-2)

3 **[▲] [▼] key > [Folder(FTP)] > [OK] key**

4 Enter the destination information.

Enter the information for each item and select the [**OK**] key.

Character Entry Method (page 11-8)

The table below lists the items to be set.

Item	Data to be entered	Max. characters
Host Name *1	Host name or IP address of FTP server	Up to 64 characters
Path *2	Path to the receiving folder For example: User\ScanData Otherwise the data will be saved in the home directory.	Up to 128 characters
Login User Name	FTP server login user name	Up to 64 characters
Login Password	FTP server login password **(Case sensitive.)**	Up to 64 characters

*1 You can also specify the port number. Enter the following format separated by a colon.
"Host name: port number" or "IP address: port number"
To enter the IPv6 address, enclose the address in brackets [ ].
(Example: [2001:db8:a0b:12f0::10]:21)
If the port number is not specified in [Host Name], the default port number is 21.

*2 When the FTP server is based on Linux/UNIX, the path including the sub-folder is combined by the slash "/" not using the back-slash.

5 Check the status.

The connection confirmation screen appears. Select [**Yes**] to check the connection and [**No**] to not check it.

"Connected." appears when connection to the destination is correctly established. If "Cannot connect." appears, review the entry.

To send to multiple destinations, repeat steps 3 to 4.

Destinations can be changed later.

Checking and Editing Destinations (page 5-31)

6 Select the functions.

Select the [**Function Menu**] key to select the send functions to use.

Send (page 6-4)

7 Press the [Start] key.

Sending starts.

Scanning using TWAIN or WIA

Configuring Settings before Sending

Before sending an document, confirm that TWAIN/WIA driver is installed on a computer and the settings are configured.

➔ Setting TWAIN Driver (page 2-40)

➔ Setting WIA Driver (page 2-42)

Scanning Document Using Application

This subsection explains how to scan an original using TWAIN. The WIA driver is used in the same way.

1 Display the screen.

1 Activate the TWAIN compatible application software.

2 Select the machine using the application and display the dialog box.

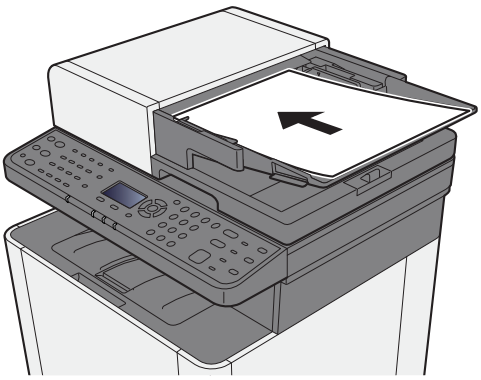
> **NOTE**
> For selecting the machine, see the Operation Guide or Help for each application software.

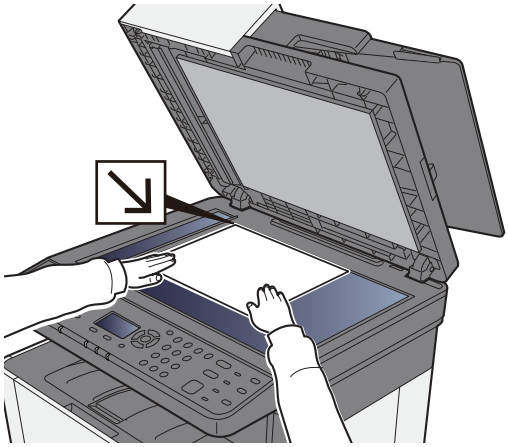
2 Configure the scan settings.

Select scanning settings in the dialog box that opens.

> **NOTE**
> For the settings, refer to Help in the dialog box.

3 Place the originals.





➔ Loading Originals (page 5-2)

4 Scan the originals.

Click the [**Scan**] button. The document data is scanned.

Useful Sending Method

You can specify the following useful scanning (sending) methods.

- WSD Scan: Saves images of originals scanned on this machine as files on a WSD-compatible computer.

WSD Scan (page 5-22)

- Sending to different types of destinations (Multi sending): Sends to different types of destination (E-mail addresses, folders, etc.) in a single operation.

Sending to Different Types of Destinations (Multi Sending) (page 5-25)

- Send to Me (E-mail): Sends to the E-mail address of the logged in user when user login is enabled.

Send to Me (E-mail) (page 5-26)

WSD Scan

WSD Scan saves images of originals scanned on this machine as files on a WSD-compatible computer.

NOTE

- To use WSD Scan, confirm that the computer used for WSD scanning and the machine is network-connected, and "WSD Scan" is set to [**On**] in the network settings.

WSD-SCAN (page 8-15)

- For information on operating the computer, refer to the computer's help or the operation guide of your software.

Installing Driver Software

In Windows 8, Windows 8.1 and Microsoft Windows Server 2012

1 Click [Search] in charms, [Control Panel], and then [View devices and printers].

2 Install the driver.

Click [**Add a device**]. Select the machine's icon and then click [**Next**].

When the machine's icon is displayed in "**Printers**" on the [**Devices and Printers**] screen, the installation is completed.

In Windows 7

1 Display [Network] in the Start menu.

Click [**Start**] button on the Windows and then select [**Network**].

NOTE

When [**Network**] does not appear in the Start menu, perform the following procedure.

1. Right-click [**Start**] and click [**Property**] in the menu that appears.
2. Select the [**[Start] menu**] tab in the "**Task bar and [Start] menu properties**" screen, and click [**Customize**].
3. When the "**Customize [Start] menu**" screen appears, select the "**Network**" check box and click [**OK**].

2 Install the driver.

Right-click the machine's icon and then click [**Install**].

NOTE

If the "**User Account Control**" window appears, click [**Continue**].
If the "**Found New Hardware**" window appears, click [**Cancel**].

During the installation, double-click the icon shown on the task bar to display the "**Driver Software Installation**" screen. When "**Your devices are ready to use**" is displayed on the [**Driver Software Installation**] screen, the installation is completed.

For Windows 10

1 **Right-click [Start] button on the Windows and select [Control Panel] and then [View devices and printer].**

2 **Install the driver.**

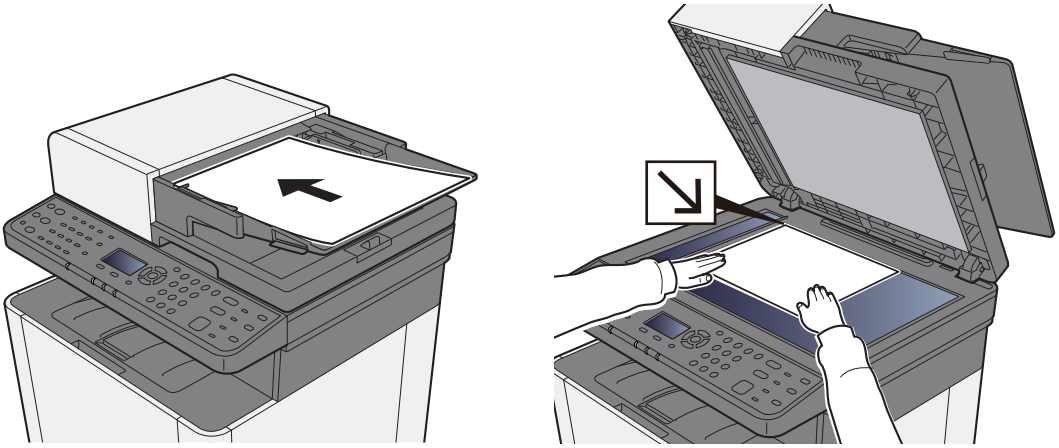
Click [**Add a device**]. Select the machine's icon and then click [**Next**].

When the machine's icon is displayed in "**Printers**" on the [**Devices and Printers**] screen, the installation is completed.

WSD scan

1 **Select the [Send] key.**

2 **Place the originals.**



➔ Loading Originals (page 5-2)

3 **Display the screen.**

[▲] [▼] key > [**WSD Scan**] > [**OK**] key

4 Scan the originals.

Procedure using this machine

1. [▲] [▼] key > [**From Oper. Panel**] > [**OK**] key
2. Select the destination computer, and select the [**OK**] key.

   You can view information on the selected computer by selecting [**Detail**].
3. Select the [**Function Menu**] key to set the type of original, file format, etc., as desired.
4. Press the [**Start**] key.

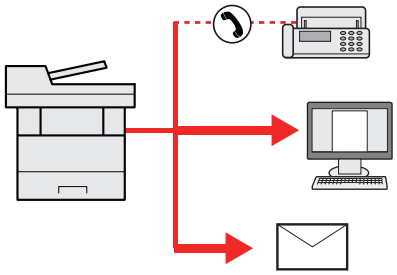
   Sending begins and the software installed on the computer is activated.

Procedure from Your Computer

1. [▲] [▼] key > [**From Computer**] > [**OK**] key
2. Use the software installed on the computer to send the images.

Sending to Different Types of Destinations (Multi Sending)

You can specify destinations that combine E-mail addresses, folders (SMB or FTP) and fax numbers. This is referred to as Multi Sending. This is useful for sending to different types of destination (E-mail addresses, folders, etc.) in a single operation.



No. of broadcast items: Up to 100
However, number of items are restricted for the following sending options.
Folders (SMP, FTP): Total of 5 SMB and FTP

Procedures are the same as used in specifying the destinations of respective types. Continue to enter E-mail address or folder path so that they appear in the destination list. Press the [**Start**] key to start transmission to all destinations at one time.

NOTE

If the destinations include a fax, the images sent to all destinations will be black and white.

Send to Me (E-mail)

When user login is enabled, the document is sent to the E-mail address of the logged in user.

NOTE

- To use this function, user control must be set to network authentication and the e-mail address of the user must be registered in the network authentication server.
- For the procedure for setting an e-mail address, check with the administrator for network authentication server users.

Sending a document to the mail address of the logged in user

1 In the basic screen for sending, select [▲] [▼] key > [Me(E-mail)] > [OK] key

NOTE

If the e-mail address is not registered in the network authentication server, e-mail cannot be sent.

Canceling Sending Jobs

1 Select the [Stop] key with the send screen displayed.

The [**Job Cancel List**] menu appears.

NOTE
Selecting the [**Stop**] key will not temporarily stop a job that you have already started sending.

2 Cancel jobs.

1. [▲] [▼] key > [**Cancel Send Job**] > [**OK**] key
2. Select the job to cancel, and [**Menu**].
3. [▲] [▼] key > [**Cancel Job**] > [**OK**] key

   NOTE
   Select [**Detail**] and the [**OK**] key to show the detailed information of the job.

4. Select [**Yes**].

   The job is canceled.

NOTE
During scanning, the job can be canceled by selecting the [**Stop**] key or [**Cancel**].

Handling Destination

This section explains how to select and confirm the destination.

Specifying Destination

Select the destination using either of the following methods except entering address directly:

- Choosing from the Address Book
  Choosing from the Address Book (page 5-28)
- Choosing from the External Address Book
  For details on the External Address Book, refer to the following:
  Command Center RX User Guide
- Choosing from One Touch key.
  Choosing from the One Touch Key (page 5-30)
- Choosing from the FAX
  FAX Operation Guide

NOTE

- You can set the machine up so that the address book screen appears when you select the [**Send**] key.
  Default Screen (page 8-35)
- You can specify the fax destination. Enter the other party number using the numeric keypad.

Choosing from the Address Book

Registering Destinations in the Address Book (page 3-20)

1 In the basic screen for sending, select the [Address Book] key.

2 Select the destinations.

1. [▲] [▼] key > [**Address Book**] > [**OK**] key

   NOTE
   For details on the External Address Book, refer to the following:
   Command Center RX User Guide

2. Select the destination.

   NOTE
   When checking information of the destination, select [**Menu**] > [**Details**] > [**OK**] key

Destination Search

The destination can be searched by name.

1 [**Menu**] > [▲] [▼] key > [**Search (Name)**] > [**OK**] key

2 Enter characters to search using the numeric keys.

> **NOTE**
> For details on entering characters, refer to the following:
> Character Entry Method (page 11-8)

3 Select the [**OK**] key.

The searched destination is displayed.

3 Select the [OK] key.

To send to multiple destinations, repeat steps 1 to 3. You can send to as many as 100 destinations at once.

Destinations can be changed later.

Confirmation Screen of Destinations (page 5-32)

Choosing from the External Address Book

> **NOTE**
> For details on the External Address Book, refer to the following:
> **Command Center RX User Guide**

1 Display the screen.

1 In the basic screen for sending, select[**Address Book**] key [**Menu**] > [▲] [▼] key > [**Switch Addr Book**] > [**OK**] key

2 [▲] [▼] key > Select external address book > [**OK**] key

2 Select the destinations.

1 Select the destination.

> **NOTE**
> When checking information of the destination, select [**Menu**] > [**Details**] > [**OK**] key

Destination Search

The destination can be searched by name.

1 [**Menu**] > [▲] [▼] key > [**Search (Name)**] > [**OK**] key

2 Enter characters to search using the numeric keys.

> **NOTE**
> For details on entering characters, refer to the following:
> Character Entry Method (page 11-8)

3 Select the [**OK**] key.

The searched destination is displayed.

3 Select the [OK] key.

To send to multiple destinations, repeat steps 1 to 3. You can send to as many as 100 destinations at once.

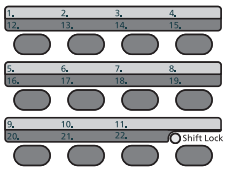
Destinations can be changed later.

Confirmation Screen of Destinations (page 5-32)

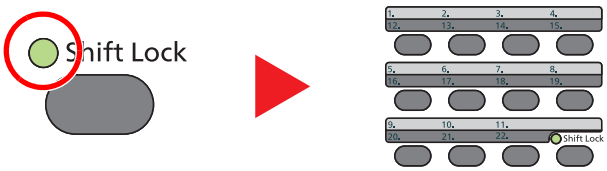
Choosing from the One Touch Key

In the basic screen for sending, select the One Touch Keys where the destination is registered.

> **NOTE**
> This procedure assumes that One Touch Keys have already been registered.
> For more information on adding One Touch keys, refer to the following:
> Adding a Destination on One Touch Key (One Touch Key) (page 3-27)



When selecting One Touch Key numbers 12 to 22, the One touch Key needs to be selected after switching on the [**Shift Lock**] indicator by selecting the [**Shift Lock**] key.



Destinations can be changed later.

Confirmation Screen of Destinations (page 5-32)

Checking and Editing Destinations

1 Display the screen.

Specify the destination.

Specifying Destination (page 5-28)

2 Check and edit the destination.

Select the [**Confirm/Add Destination**] key.

Add the destination

1 Select [**Add**].

2 Set the destinations to be added.

Specifying Destination (page 5-28)

Edit the destination

1 Select the destination you want to edit, and select the [**OK**] key.

2 [▲] [▼] key > [**Detail/Edit**] > [**OK**] key

3 Edit the destinations > [**OK**] key

Specifying Destination (page 5-28)

NOTE

To edit a destination registered in the address book or a One Touch Key, refer to the following:

Editing Address Book Entries (page 3-25)
Editing One Touch Key (page 3-28)

Delete the destination

1 Select the destination you want to delete, and select the [**OK**] key.

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

3 Select [Exit].

NOTE

When selecting [**On**] for Destination Check before Send, the confirmation screen appears after pressing the [**Start**] key.

Check beforeSend (page 8-35)
Confirmation Screen of Destinations (page 5-32)

Confirmation Screen of Destinations

When selecting [**On**] for Destination Check before Send, the confirmation screen of destinations appears after pressing the [**Start**] key.

DestinationCheck (page 8-35)

1 Confirm all destination.

To show the detailed information of the destination, select the destination and [**OK**] key > [▲] [▼] key > [**Detail**] > [**OK**] key

To delete the destination, select the destination you want to delete and [**OK**] key > [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]
The destination is deleted.

2 Select [**Next**].

NOTE
Be sure to confirm all destination by displaying them on the message display. You cannot select [**Next**] unless you have confirmed all destination.

Recall

Recall is a function allowing you to send the last entered destination once again. When you want to send the image to the same destination, select the [**Address Recall/Pause**] key, and you can call the destination you sent on the destination list.

1 Select the [Address Recall/Pause] key.

The destination you sent is displayed on the destination list.

NOTE
When the last sending included FAX, folders and E-mail destinations, they are also displayed. If necessary, add or delete the destination.

2 Press the [Start] key.

Sending starts.

NOTE
- When [**On**] is selected in "Check beforeSend", a destination confirmation screen is displayed when you press the [**Start**] key.

Confirmation Screen of Destinations (page 5-32)

- Recall information is canceled in the following conditions.
  - When you turn the power off
  - When you send a next image (new recall information is registered)
  - When you log out

How to use the FAX Function

It is possible to use the FAX function.

FAX Operation Guide

Using Document Boxes

The available Document Boxes are as follows: Job Box, removal USB memory, Subaddress Box, and Polling Box.

What is Job Box?

Job Box is a generic name for the "Private Print/Stored Job Box" and "Quick Copy/Proof and Hold Box". These Job Boxes cannot be created or deleted by a user.

NOTE

- To use the Stored Job Box and the Quick Copy Box, an SD/SDHC memory card must be installed in the device.
- To use the Private Print Box and the Proof and Hold Box, an expansion memory or SD/SDHC memory card must be installed in the device.
- You can set up the machine so that temporary documents in job boxes are automatically deleted.

JobRet. Deletion (page 8-36)

- For details on operating the Job Box, refer to the following:

Printing Data Saved in the Printer (page 4-10)

IMPORTANT

Unencrypted data is saved on the SD/SDHC memory card.

Exercise caution when saving sensitive documents.

What is Removable Memory Box?

A USB memory stick can be connected to the USB memory slot on the machine to print a saved file. You can print data directly from the USB memory without a PC. Image files scanned using this machine can also be saved to USB memory in the PDF, TIFF, JPEG, XPS, OpenXPS or high compression PDF format (Scan to USB).

What is Sub Address Box/Polling Box?

Sub Address Box/Polling Box store the fax data.

FAX Operation Guide

Operating using Removable USB Memory

Plugging USB memory directly into the machine enables you to quickly and easily print the files stored in the USB memory without having to use a computer.

The following file types can be printed:

- PDF file (Version 1.7 or older)
- TIFF file (TIFF V6/TTN2 format)
- JPEG file
- XPS file
- OpenXPS file
- Encrypted PDF file

In addition, you can store scanned image files in USB memory connected to the machine.

The following file types can be stored:

- PDF file format
- TIFF file format
- JPEG file format
- XPS file format
- OpenXPS file format
- High-compression PDF file format

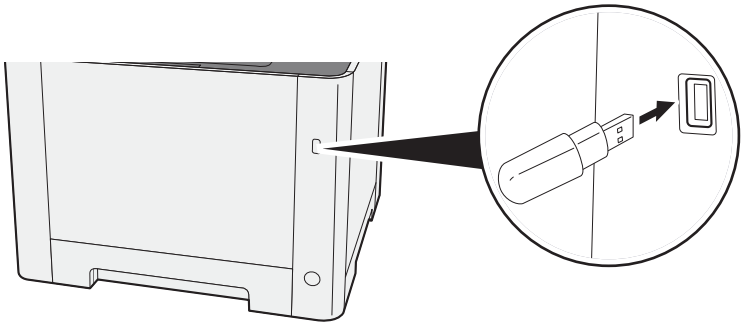
Printing Documents Stored in Removable USB Memory

NOTE

- PDF files you wish to print should have an extension (.pdf).
- Files to be printed should be saved no further down than the top 3 folder levels, including the root folder.
- Use USB memory properly formatted by this machine.
- Plug the USB memory directly into the USB Memory Slot.

1 Plug the USB memory.

Plug the USB memory into the USB Memory Slot.



2 Display the screen.

[**Document Box/USB**] key > [▲] [▼] key > [**USB Memory**] > [**OK**] key

3 Print the document.

1 Select the folder containing the file to be printed, and select the [**OK**] key.

The machine will display documents in the top 3 folder levels, including the root folder.

NOTE
- 1,000 documents can be displayed.
- To return to a higher level folder, select the [**Back**] key.

2 Select the document you want to print, and [**Select**].

A checkmark will be placed on the right of the selected file.

Select the checkmarked file and select [**Select**] again to cancel the selection.

NOTE
Select [**Menu**] to perform the following operations.
- [**Select All**]: Select all files.
- [**Clear All**]: Cancel all the file selections.
- [**Detail**]: Display the details for the selected file.
- [**Memory Detail**]: Display the detail for the USB memory.
- [**Remove Memory**]: Remove the USB memory.

3 [**OK**] key > [▲] [▼] key > [**Print**] > [**OK**] key

4 Change the number of copies, duplex printing, etc. as desired.

For the features that can be selected, refer to the following:

➔ Removable Memory (Store File, Printing Documents) (page 6-5)

5 Press the [**Start**] key.

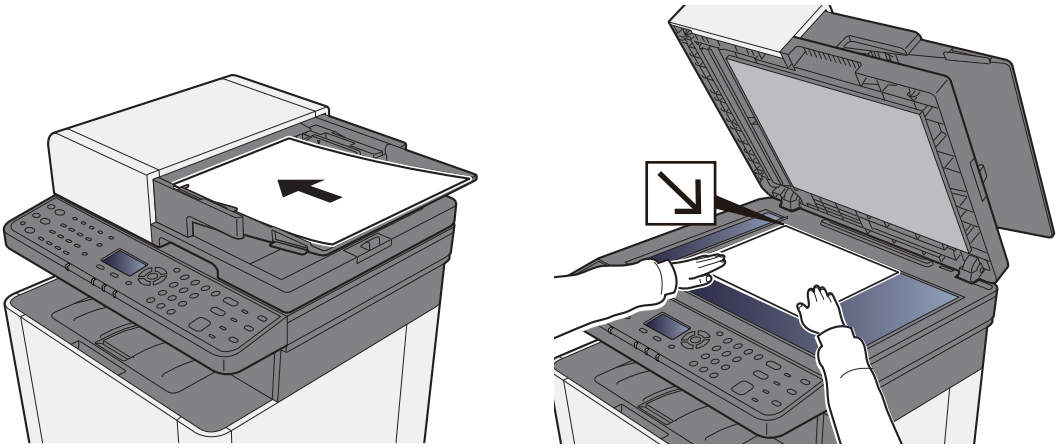
Printing of the selected file begins.

Saving Documents to USB Memory (Scan to USB)

NOTE

The maximum number of the storable files is 1,000.

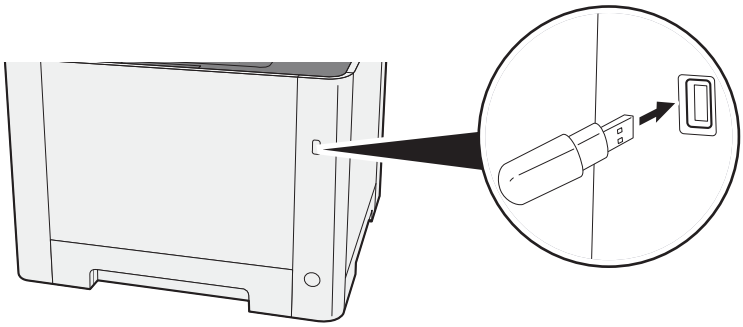
1 Place the originals.



Loading Originals (page 5-2)

2 Plug the USB memory.

Plug the USB memory into the USB Memory Slot.



3 Display the screen.

[**Document Box/USB**] key > [▲] [▼] key > [**USB Memory**] > [**OK**] key

4 Store the document.

1 Select the folder where the file will be stored, and the [**OK**] key.

The machine will display the top 3 folder levels, including the root folder.

2 [▲] [▼] key > [**Store File**] > [**OK**] key

3 Set the type of original, file format, etc., as desired.

For the features that can be set, refer to the following:

➡ Removable Memory (Store File, Printing Documents) (page 6-5)

4 Press the [**Start**] key.

The original is scanned and the data is stored in the USB memory.

Check the USB Memory Information

1 Display the screen.

[**Document Box/USB**] key > [▲] [▼] key > [**USB Memory**] > [**OK**] key > [**Menu**] > [▲] [▼] key > [**Memory Detail**] > [**OK**] key

2 Check the information.

Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

Once you confirm the information, select the [**OK**] key.

Removing USB Memory

IMPORTANT

Be sure to follow the proper procedure to avoid damaging the data or USB memory.

1 Display the screen.

[**Reset**] key > [▲] [▼] key > [**USB Memory**] > [**OK**] key

2 Select [Remove Memory].

[**Menu**] > [▲] [▼] key > [**Remove Memory**] > [**OK**] key

3 Remove the USB memory.

When "USB memory can be safely removed." is displayed, select [**OK**] and then remove the USB memory.

NOTE

USB memory can also be removed after checking the status of the device.

➡ Device/Communication (page 7-14)

6 Using Various Functions

This chapter explains the following topics:

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Functions Available on the Machine

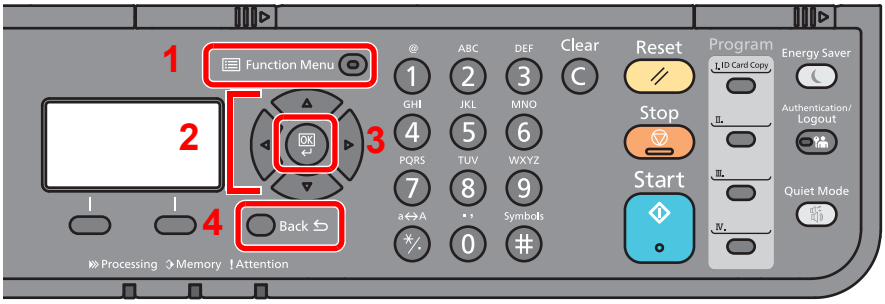
About Functions Available on the Machine

This machine provides the various functions available.

How to Select Functions

To configure the settings for functions, select the [**Function Menu**] key.

Operation Method (page 2-13)



1 Displays the function menu.

2 Selects the item displayed or changes the numeric value.

3 Confirms the selected setting.

4 Cancels the current menu setting to return to the menu one level higher.

Copy

For details on each function, see the table below.

Key
Function Menu

Function	Description	Reference page
Paper Selection	Select the cassette or multipurpose tray that contains the required paper size.	page 6-8
Collate	Offsets the output by page or set.	page 6-9
Duplex	Produces two-sided prints.	page 6-9
Zoom	Adjust the zoom to reduce or enlarge the image.	page 6-11
Combine	Combines 2 or 4 original sheets into 1 printed page.	page 6-13
Original Size	Specify the original size to be scanned.	page 6-15
Orig. Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-15
Mixed Size Originals	Scan the documents of different sizes that are set in the document processor all at once.	page 6-16
Original Image	Select original image type for best results.	page 6-16
Density	Adjust density.	page 6-17
EcoPrint	EcoPrint saves toner when printing.	page 6-17
Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-17
File Name Entry	Adds a file name.	page 6-18
JobFinish Notice	Sends E-mail notice when a job is complete.	page 6-18
Priority Override	Suspends the current job and gives a new job top priority.	page 6-18
Color Selection	Select the color mode setting.	page 6-19
Color Balance	Adjust the strength of cyan, magenta, yellow, and black.	page 6-19
Sharpness	Adjusts the sharpness of image outlines.	page 6-20
Contrast	You can adjust the contrast between light and dark areas of the image.	page 6-20
Backgrnd Density	Removes dark background from originals, such as newspapers.	page 6-21
Saturation	Adjust the color saturation of the image.	page 6-21
Skip Blank Page	When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.	page 6-22

Send

For details on each function, see the table below.

Key
Function Menu

Function	Description	Reference page
Color Selection	Select the color mode setting.	page 6-19
Original Size	Specify the original size to be scanned.	page 6-15
Original Image	Select original image type for best results.	page 6-16
Scan Resolution	Select fineness of scanning resolution.	page 6-22
Sending Size	Select size of image to be sent.	page 6-23
Zoom	Adjust the zoom to reduce or enlarge the image.	page 6-11
Orig. Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-15
Mixed Size Originals	Scan the documents of different sizes that are set in the document processor all at once.	page 6-16
Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-17
File Format	Specify the image file format. Image quality level can also be adjusted.	page 6-24
File Name Entry	Adds a file name.	page 6-18
Subject/Body	Adds subject and body when sending a document.	page 6-28
JobFinish Notice	Sends E-mail notice when a job is complete.	page 6-18
FAX Resolution	Select fineness of images when sending FAX.	Refer to the **FAX Operation Guide**.
FAX Delayed TX	Set a send time.	
FAX Direct TX	Sends FAX directly without reading original data into memory.	
FAX RX Polling	Dial the destination and receive documents for Polling Transmission stored in the polling box.	
FAX TX Report	Print a report of fax transmission results.	
Density	Adjust density.	page 6-17
FTP Encrypted TX	Encrypts images when sending via FTP.	page 6-28
File Separation	Creates several files by dividing scanned original data page by page, and sends the files.	page 6-28
Sharpness	Adjusts the sharpness of image outlines.	page 6-20
Contrast	You can adjust the contrast between light and dark areas of the image.	page 6-20
Backgrnd Density	Removes dark background from originals, such as newspapers.	page 6-21
Skip Blank Page	When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.	page 6-22

Removable Memory (Store File, Printing Documents)

For details on each function, see the table below.

Store File

Key
Function Menu

Function	Description	Reference page
Color Selection	Select the color mode setting.	page 6-19
Original Size	Specify the original size to be scanned.	page 6-15
Original Image	Select original image type for best results.	page 6-16
Scan Resolution	Select fineness of scanning resolution.	page 6-22
Storing Size	Select size of image to be stored.	page 6-29
Zoom	Adjust the zoom to reduce or enlarge the image.	page 6-11
Orig. Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-15
Mixed Size Originals	Scan the documents of different sizes that are set in the document processor all at once.	page 6-16
Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-17
File Format	Specify the image file format. Image quality level can also be adjusted.	page 6-24
File Separation	Creates several files by dividing scanned original data page by page, and sends the files.	page 6-28
File Name Entry	Adds a file name.	page 6-18
JobFinish Notice	Sends E-mail notice when a job is complete.	page 6-18
Density	Adjust density.	page 6-17
Sharpness	Adjusts the sharpness of image outlines.	page 6-20
Contrast	You can adjust the contrast between light and dark areas of the image.	page 6-20
Backgrnd Density	Removes dark background from originals, such as newspapers.	page 6-21
Skip Blank Page	When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.	page 6-22

Printing Documents

Key
Function Menu

Function	Description	Reference page
Collate	Offsets the output by page or set.	page 6-9
Paper Selection	Select the cassette or multipurpose tray that contains the required paper size.	page 6-8
Duplex	Print a document on both sides of the paper.	page 6-10
EcoPrint	EcoPrint saves toner when printing.	page 6-17
File Name Entry	Adds a file name.	page 6-18
JobFinish Notice	Sends E-mail notice when a job is complete.	page 6-18
Priority Override	Suspends the current job and gives a new job top priority.	page 6-18
Color Selection	Select the color mode setting.	page 6-19
Encrypted PDF	Enter the preassigned password to print the PDF data.	page 6-29
JPEG/TIFF Print	Select the image size when printing JPEG or TIFF files.	page 6-30
XPS Fit to Page	Reduces or enlarges the image size to fit to the selected paper size when printing XPS file.	page 6-30

Functions

On pages that explain a convenient function, the modes in which that function can be used are indicated by icons.

Printing: Copy Print from USB

Sending: Send

Storing: Scan to USB

Paper Selection

Copy | Print from USB

Select the cassette or multipurpose tray that contains the required paper size.

If [**Auto**] is selected, the paper matching the size of the original is selected automatically.

NOTE

- Specify in advance the size and type of the paper loaded in the cassette.

➡ Cassette 1 (2) Set. (Cassette 1 (2) Settings) (page 8-23)
MP Tray Set. (Multipurpose Tray Settings) (page 8-23)

- Cassette 2 is displayed when the optional paper feeder is installed.

Before selecting [**MP Tray**], you need to select [**MP Tray Set.**] and specify the paper size and media type. The available paper sizes and media types are shown in the table below.

Item		Value	Description
Auto			The paper matching the size of the original is selected automatically.
Cassette 1 (2) *1			Feed paper from cassette 1 (2).
MP Tray			Feed paper from the multipurpose tray.
MP Tray Set.		—	Before selecting [**MP Tray**], you need to select [**MP Tray Set.**] and specify the paper size and media type.
	Standard Size	A4, A5-R, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement-R, Statement, Executive, Oficio II, 16K, ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2, Custom*2	Select from the standard sizes and custom size.
	Size Entry	Set the sizes of [**Y**] (vertical). Metric: 148 to 356 mm (in 1 mm increments) Inch: 5.83 to 14.02" (in 0.01" increments)	Enter the size not included in the standard size.*3 When you have selected [**Size Entry**], use [▲]/[▼] or the numeric keys to set the sizes of "X" (horizontal) and "Y" (vertical).
		Set the sizes of [**X**] (horizontal). Metric: 70 to 216 mm (in 1 mm increments) Inch: 2.76 to 8.50" (in 0.01" increments)	
	Media Type	Plain (60 to 105 g/m^2), Transparency, Rough, Vellum (60 to 220 g/m^2), Labels, Recycled, Preprinted*4, Bond, Cardstock, Color, Prepunched*4, Letterhead*4, Envelope, Thick (106 to 220 g/m^2), Coated, High Quality, Custom 1 to 8*4	Select the media type. Displayed after [**Standard Size**] or [**Size Entry**] is set in [**MP Tray Set.**].

*1 Cassette 2 is displayed when the optional paper feeder is installed.

*2 For instructions on how to specify the custom paper sizes, refer to the following:
➡ Custom PaperSize (page 8-21)

*3 The input units can be changed in System Menu.
➡ Measurement (page 8-24)

*4 For instructions on how to specify the custom paper types 1 to 8, refer to the following:
➡ Media Type Setting (page 8-24)
To print on preprinted or prepunched paper or on letterhead, refer to the following:
➡ SpecialPaper Act. (page 8-22)

NOTE

- You can conveniently select in advance the size and type of paper that will be used often and set them as default.

MP Tray Set. (Multipurpose Tray Settings) (page 8-23)

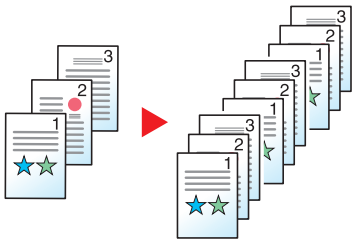
- If the specified size of paper is not loaded in the paper source cassette or multipurpose tray, a confirmation screen appears. Load the required paper in the multipurpose tray and select [**OK**] to start copying.

Collate

Copy | Print from USB

Offsets the output by page or set.

(**Value**: [**Off**] / [**On**])



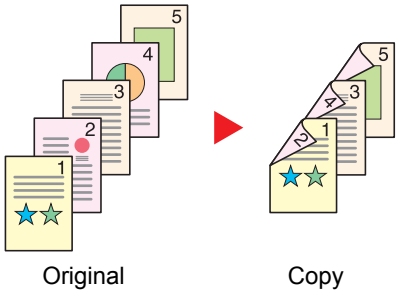
Duplex

Copy | Print from USB

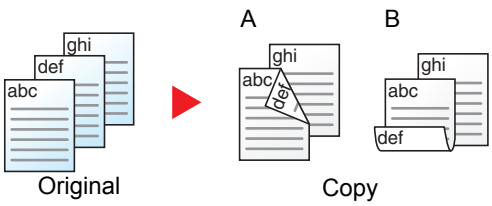
Produces two-sided prints.

The following modes are available.

One-sided to Two-sided



Produces two-sided copies from one-sided originals. In case of an odd number of originals, the back side of the last copy will be blank.



The following binding options are available.

A Binding Left/Right: Images on the second sides are not rotated.

B Binding Top: Images on the second sides are rotated 180 degrees. Copies can be bound on the top edge, facing the same orientation when turning the pages.

Copying

Prints 1-sided originals to 2-sided. Select the binding orientation for original and finished documents.

Item		Value	Description
1-sided>>1-sided		—	Disables the function.
1-sided>>2-sided		—	Select the [**OK**] key to copy the original with the default setting. For the default settings, refer to the following: ➡ Function Defaults (page 8-28)
	Finish. Binding	Left/Right, Top	Select [**Detail**] to display the [**Finish. Binding**] screen. Select the binding orientation of copies, and select the [**OK**] key.
	Orig. Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Choose orientation of the originals, either [**Top Edge on Top**] or [**Top Edge on Left**]. Then select the [**OK**] key.

When placing the original on the platen, consecutively replace each original and press the [**Start**] key.

After scanning all originals, select [**End Scan**] to start copying.

Printing

Print a document on both sides of the paper.

Item		Value	Description
1-sided		—	Disables the function.
2-sided		—	Select the [**OK**] key to print a 2-sided document with the default setting. For the default settings, refer to the following: ➡ Function Defaults (page 8-28)
	Finish. Binding	Left/Right, Top	Select [**Detail**] to display the [**Finish. Binding**] screen. Select the binding orientation of copies, and select the [**OK**] key.

Zoom

Copy Send Scan to USB

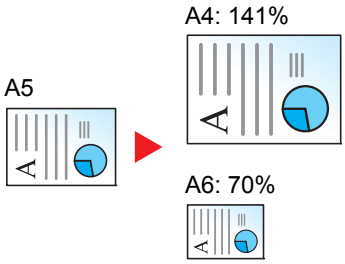
Adjust the zoom to reduce or enlarge the image.

Copying

The following zoom options are available.

Auto

Adjusts the image to match the paper size.



Standard Zoom

Reduces or enlarges at preset magnifications.*1

Model	Zoom Level (Original Copy)		Model	Zoom Level (Original Copy)	
Metric Models	400%	90% FOL >> A4	Inch Models	400%	78% LGL>>LTR
	200%	86% A4 >> B5		200%	64% LTR>>STMT
	141% A5 >> A4	70% A4 >> A5		129% STMT>>LTR	50%
	115% B5 >> A4	50%		100%	25%
	100%	25%			

*1 LTR=Letter
LGL=Legal
STMT=Statement
FOL=Folio

Others

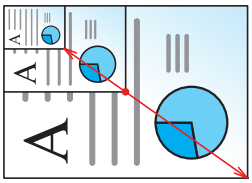
Reduces or enlarges at magnifications other than the Standard Zoom.*1

Model	Zoom Level (Original Copy)	Model	Zoom Level (Original Copy)	
Metric Models	129% STMT>>LTR	Inch Models	141% A5 >> A4	86% A4 >> B5
	78% LGL>>LTR		115% B5 >> A4	70% A4 >> A5
	64% LTR>>STMT		90% FOL>>A4	

*1 LTR=Letter
LGL=Legal
STMT=Statement
FOL=Folio

Zoom Entry

Manually reduces or enlarges the original image in 1% increments between 25% and 400%. Use the numeric keys or select [▲] or [▼] to enter the any magnification.



Sending/Storing

Item	Description
100%	Reproduces the original size.
Auto	Reduces or enlarges original to sending/storing size.

NOTE

To reduce or enlarge the image, select the paper size, sending size, or storing size.

Paper Selection (page 6-8)
Sending Size (page 6-23)
Storing Size (page 6-29)

Combine

Copy

Combines 2 or 4 original sheets into 1 printed page.

You can select the page layout and the type of boundary lines around the pages.

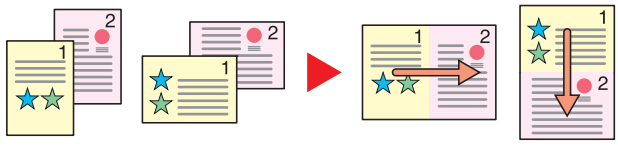
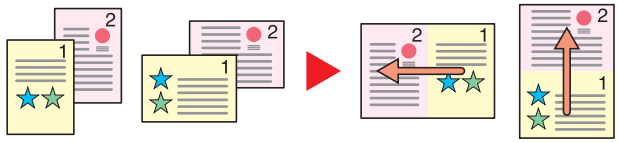
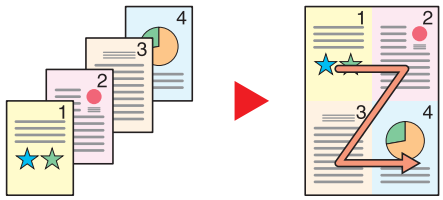
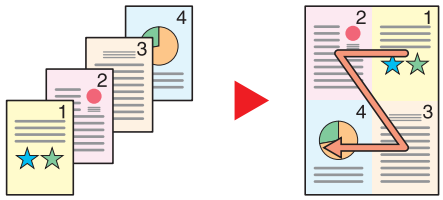
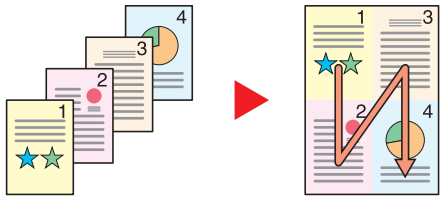
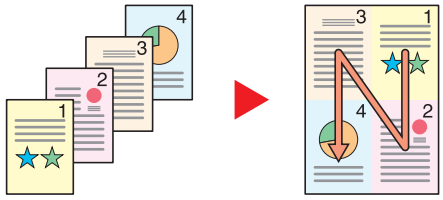
The following types of the boundary lines are available.

None | Solid Line | Dotted Line | Positioning Mark

Select [**2 in 1**] or [**4 in 1**], select [**Detail**], and configure the function.

Item		Value	Description
Off		—	Disables the function.
2 in 1		—	Select the [**OK**] key to copy the original with the default setting. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	2 in 1 Layout	L to R T to B, R to L, B to T	Select the page layout of scanned originals, and select the [**OK**] key.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the page boundary line, and select the [**OK**] key.
	Orig. Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Choose orientation of the originals, either [**Top Edge on Top**] or [**Top Edge on Left**]. Then select the [**OK**] key.
4 in 1		—	Select the [**OK**] key to copy the original with the default setting. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	4 in 1 Layout	Right then Down, Down then Right, Left then Down, Down then Left	Select the page layout of scanned originals, and select the [**OK**] key.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the page boundary line, and select the [**OK**] key.
	Orig. Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Choose orientation of the originals, either [**Top Edge on Top**] or [**Top Edge on Left**]. Then select the [**OK**] key.

Layout image

Item		Image
2 in 1	**L to R/T to B**	
	R to L/B to T	
4 in 1	**Right then Down**	
	Left then Down	
	Down then Right	
	Down then Left	

NOTE

- The paper sizes supported in Combine mode: A4, A5-R, B5, Folio, 216 × 340 mm, Letter, Legal, Statement, Oficio II, 16K
- When placing the original on the platen, be sure to copy the originals in page order.

Original Size

Copy Send Scan to USB

Specify the original size to be scanned.

Item	Description
Auto (DP)*1, A4, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement, Executive, Oficio II, 16K, ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2, Custom*2	Select from standard sizes and custom size.

*1 This function is displayed when [**Auto Detect**] in [**Detect Orig.(DP)**] is set to [**On**].
➡ Detect Orig.(DP) (page 8-20)

*2 For instructions on how to specify the custom original size, refer to the following:
➡ Custom Orig. Size (page 8-20)

NOTE

Be sure to always specify the original size when using custom size original.

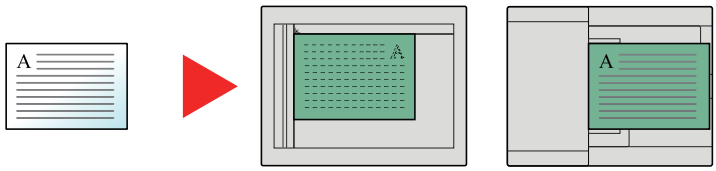
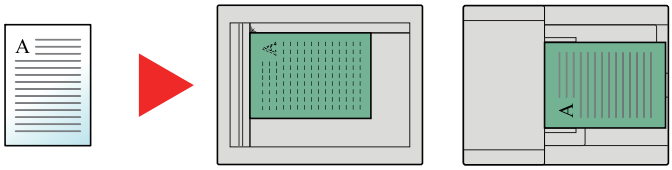
Original Orientation

Copy Send Scan to USB

Select the orientation of the original document top edge to scan correct direction.
To use any of the following functions, the document's original orientation must be set.

- Duplex
- Combine

Select original orientation from [**Top Edge on Top**] or [**Top Edge on Left**].

Item	Image
Top Edge on Top	 Original Original orientation
Top Edge on Left	 Original Original orientation

NOTE

The default setting for Original Orientation can be changed.
➡ Original Orientation (page 8-28)

Mixed Size Originals

Copy Send Scan to USB

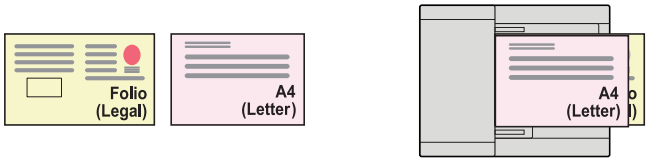
Scan the documents of different sizes that are set in the document processor all at once.

This function cannot be used if platen is used.

(**Value**: [**Off**] / [**On**])

Supported Combinations of Originals

Legal and Letter (Folio and A4)



Original Image

Copy Send Scan to USB

Select original image type for best results.

Copying

Item	Description
Text+Photo[*1]	Best for mixed text and photo documents.
Photo	Best for photos taken with a camera.
Text	Best for documents that are mostly text.
Graphic/Map	Best for graphics and maps.
Printed Document	Best for documents printed on this machine originally.

*1 If gray text is not printed completely using [**Text + Photo**], selecting [**Text**] may improve the result.

Sending/Storing

Item	Description
Text+Photo	Best for mixed text and photo documents.
Photo	Best for photos taken with a camera.
Text	Best for documents that are mostly text.
For OCR[*1]	Scanning produces an image that is suitable for OCR.
Light Text/Fine Line	Clearly reproduces faint characters written in pencil, etc., and thin lines on map originals or diagrams.

*1 This function is only available when "Color Selection" is set to [**Black & White**]. For details, refer to the following:
➡ Color Selection (page 6-19)

Density

Copy Send Scan to USB

Adjust density.

(**Value**: [**-4**] to [**+4**] (Lighter to Darker))

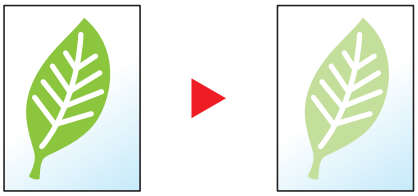
EcoPrint

Copy Print from USB

EcoPrint saves toner when printing.

Use this function for test prints or any other occasion when high quality print is not required.

(**Value**: [**Off**] / [**On**])



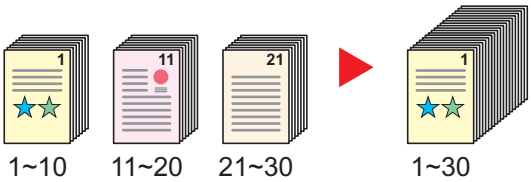
Continuous Scan

Copy Send Scan to USB

Scans a large number of originals in separate batches and then produce as one job.

Originals will be scanned continuously until you select [**End Scan**].

(**Value**: [**Off**] / [**On**])



File Name Entry

Copy | Print from USB | Send | Scan to USB

Adds a file name.

Additional information such as job number and date and time can also be set. You can check a job history or job status using the file name, date and time, or job number specified here.

Enter the file name (up to 32 characters), and select [**OK**].

To add date and time, select [**Date**] and the [**OK**] key. To add job number, select [**Job No.**] and the [**OK**] key. To add both, select [**Job No. + Date**] or [**Date + Job No.**] and the [**OK**] key.

Job Finish Notice

Copy | Print from USB | Send | Scan to USB

Sends E-mail notice when a job is complete.

Users can be notified of the completion of a job while working at a remote desk, saving the time spent waiting beside the machine to finish.

NOTE

PC should be configured in advance so that E-mail can be used.

Command Center RX (page 2-45)

E-mail can be sent to a single destination.

Item		Description
Off		Disables the function.
On	**Address Book**	Select the notification destination from the Address Book or External Address Book*1. Select the destination on the Address Book or Ext Address Book screen, then select the [**OK**] key.
	Address Entry	Enter E-mail address directly. Enter the address (up to 128 characters) and select the [**OK**] key.

*1 For details on the External Address Book, refer to the following:
Command Center RX User Guide

Priority Override

Copy | Print from USB

Suspends the current job and gives a new job top priority.

The suspended job resumes after the other job is finished.

(**Value**: [**Off**] / [**On**])

NOTE

- This function is not available if current job was an override.
- Priority override may not be available depending on the status of the current print job and memory usage.

Color Selection

Copy Send Print from USB Scan to USB

Select the color mode setting.

Copying/Printing

Item	Description
Full Color	Prints documents in full color.
Black & White	Prints documents in black and white.

Sending/Storing

Item	Description
Full Color	Scans the document in full color.
Grayscale	Scans the document in grayscale. Produces a smooth, detailed image.
Black & White	Scans the document in black and white.

Color Balance

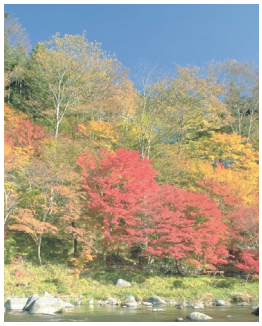
Copy

Adjust the strength of cyan, magenta, yellow, and black.

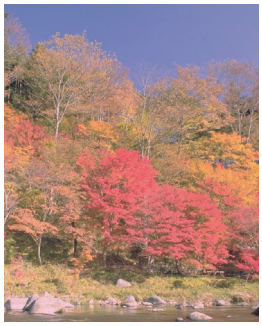
Example:

Less Magenta

Original



More Magenta



Item		Value	Description
Off			
On	**Cyan**	-5 to 5	Select the [▲] or [▼] key to select the intensity of the color. A large negative value makes the color weaker, and a large positive value makes the color stronger.
	Magenta		
	Yellow		
	Black		

NOTE

This feature is used with full color and auto color copying.

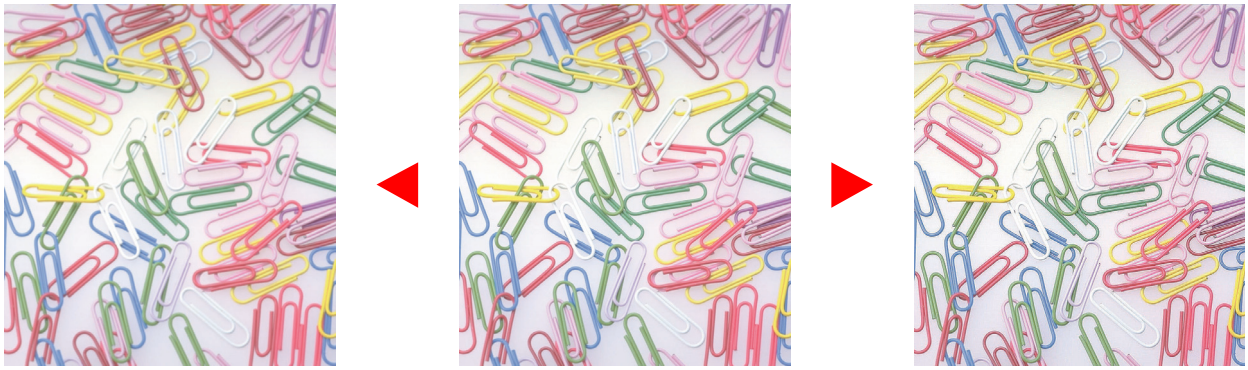
Sharpness

Copy Send Scan to USB

Adjusts the sharpness of image outlines.

When copying penciled originals with rough or broken lines, clear copies can be taken by adjusting sharpness toward "Sharpen". When copying images made up of patterned dots such as magazine photos, in which moire[*1] patterns appear, edge softening and weakening of the moire effect can be obtained by setting the sharpness toward "Blur".

Less Sharp **Original** **More Sharp**



Item	Description
[1] to [3] (Sharpen)	Emphasizes the image outline.
[-1] to [-3] (Blur)	Blurs the image outline. Can weaken a Moire[*1] effect.

*1 Patterns that are created by irregular distribution of halftone dots.

Contrast

Copy Send Scan to USB

You can adjust the contrast between light and dark areas of the image.

Lower **Original** **Higher**

Item	Description
[1] to [4]	Increases the sharpness of colors.
[-1] to [-4]	Creates smoother colors.

Background Density Adj. (Background Density Adjustment)

Copy Send Scan to USB

Removes dark background from originals, such as newspapers.

This feature is used with full color and auto color.

Item	Description
Off	Does not adjust the ground color.
Manual	Select [**1**] to [**5**] (Lighter - Darker) to adjust the background density manually.

Saturation

Copy

Adjust the color saturation of the image.

Grayish

Results in paler color.

Original

Vivid

Results in more vivid color.

NOTE

This feature is used with full color.

Item	Description
[-1] to [-3] (Grayish)	Results in paler color.
[1] to [3] (Vivid)	Results in more vivid color.

Skip Blank Page

Copy Send Scan to USB

When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.

When set to [**High**], the level at which blank paper is recognized is higher.

The machine detects blank pages, saving unnecessary printing without the need to check for blank pages in the document.

Select [**On**], [**Level**], and then [**Low**], [**Middle**] or [**High**].

NOTE

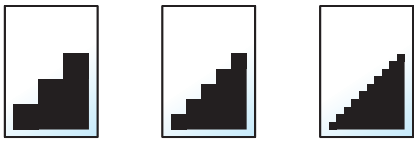
The originals with punched holes or originals printed on a colored substrate may not be recognized as blank pages.

Scan Resolution

Send Scan to USB

Select fineness of scanning resolution.

(**Value**: [**200 × 100dpi Norm**] / [**200 × 200dpi Fine**] / [**200 × 400dpi S.Fin**] / [**300 × 300dpi**] / [**400 × 400dpi U.Fin**] / [**600 × 600dpi**])



NOTE

The larger the number, the better the image resolution. However, better resolution also means larger file sizes and longer send times.

Sending Size

Send

Select size of image to be sent.

Item	Description
Same as OrigSize	Send an image the same size as the original.
A4, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement, Executive, Oficio II, 16K, ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2	Select from standard sizes.

Relationship between Original Size, Sending Size, and Zoom

Original Size, Sending Size and Zoom are related to each other. For details, see the table below.

Original size and sending size are	the same	different
Original Size (page 6-15)	Specify as necessary.	Specify as necessary.
Sending Size	Select [**Same as Original Size**].	Select the desired size.
Zoom (page 6-11)	Select [**100%**] (or [**Auto**]).	Select [**Auto**].

NOTE

When you specify the sending size that is different from the original size, and select the zoom of [**100%**], you can send the image as the actual size (No Zoom).

File Format

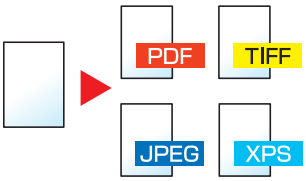
Send Scan to USB

Specify the image file format. Image quality level can also be adjusted.

Select the file format from [**PDF**], [**TIFF**], [**JPEG**], [**XPS**], [**OpenXPS**], and [**High Comp. PDF**].

When the color mode in scanning has been selected for Grayscale or Full Color, set the image quality.

If you selected [**PDF**] or [**High Comp. PDF**], you can specify encryption or PDF/A settings.



Item		Value	Description
PDF		—	Select the [**OK**] key to save or send a PDF file. The image quality and PDF/A settings will be the default settings. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	1 Low(High Comp) to 5 High(Low Comp)	Select [**Detail**] to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.
	Encryption	Off, On	Set the PDF encryption and then select the [**OK**] key. If [**On**] is selected, refer to the following: ➔ PDF Encryption Functions (page 6-26)
	PDF/A	Off, PDF/A-1a, PDF/A-1b	Select PDF/A-1 format type and select the [**OK**] key.
TIFF		—	Select the [**OK**] key to save or send a TIFF file. The Image Quality settings will be the default values. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	1 Low(High Comp) to 5 High(Low Comp)	Select [**Detail**] to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.
XPS		—	Select the [**OK**] key to save or send a XPS file. The Image Quality settings will be the default values. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	1 Low(High Comp) to 5 High(Low Comp)	Select [**Detail**] to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.
OpenXPS		—	Select the [**OK**] key to save or send a OpenXPS file. The Image Quality settings will be the default values. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	1 Low(High Comp) to 5 High(Low Comp)	Select [**Detail**] to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.

Item		Value	Description
JPEG		—	Select the [**OK**] key to save or send a JPEG file. The Image Quality settings will be the default values. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	1 Low(High Comp) to 5 High(Low Comp)	Select [**Detail]** to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.
High Comp. PDF		—	Select the [**OK**] key to save or send a High Comp. PDF file. The image quality and PDF/A settings will be the default settings. For the default settings, refer to the following: ➔ Function Defaults (page 8-28)
	Image Quality	Comp. Priority, Standard, Quality Priority	Select [**Detail**] to display the [**Image Quality**] screen. Select the image quality and select the [**OK**] key.
	Encryption	Off, On	Set the PDF encryption and then select the [**OK**] key. If [**On**] is selected, refer to to the following: ➔ PDF Encryption Functions (page 6-26)
	PDF/A	Off, PDF/A-1a, PDF/A-1b	Select PDF/A-1 format type and select the [**OK**] key.

NOTE

If encryption is enabled, PDF/A settings cannot be specified.

PDF Encryption Functions

If you have selected PDF or High Comp. PDF for file format, you can restrict the access level for displaying, printing, and editing PDF's by assigning a secure password.

Select [**PDF**] or [**High Comp. PDF**], and select [**On**] of [**Encryption**] in [**Detail**].

Items that can be set vary depending on the setting selected in [**Compatibility**].

Acrobat3.0&Later

Item			Value	Description
Password	**Open Document**		Off, On	Enter the password to open the PDF file. Select [**On**] and select the [**OK**] key. Enter a password (up to 256 characters) and then select the [**OK**] key. Enter the password again for confirmation, and select the [**OK**] key.
	Edit/Print Doc.		Off, On	Enter the password to edit the PDF file. Select [**On**] and select the [**OK**] key. Enter a password (up to 256 characters) and then select the [**OK**] key. Enter the password again for confirmation, and select the [**OK**] key.
		Printing Allowed	Not Allowed, Allowed	Restricts printing of the PDF file. Then select the [**OK**] key.
		Changes Allowed	Not Allowed, Commenting, Page Layout, Any Changes	Restricts editing of the PDF file. Select from the following restrictions then select the [**OK**] key. Not Allowed: Disables the change to the PDF file. Commenting: Can only add commenting. Page Layout: Can change the page layout except extracting the pages of the PDF file. Any Changes: Can conduct all operations except extracting the pages of the PDF file.
		Copying Contents	Disable, Enable	Restricts the copying of text and objects on the PDF file. Then select the [**OK**] key.

Acrobat5.0&Later

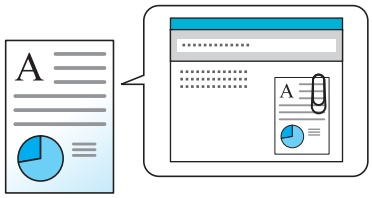
Item			Value	Description
Password	**Open Document**		Off, On	Enter the password to open the PDF file. Select [**On**] and select the [**OK**] key. Enter a password (up to 256 characters) and then select the [**OK**] key. Enter the password again for confirmation, and select the [**OK**] key.
	Edit/Print Doc.		Off, On	Enter the password to edit the PDF file. Select [**On**] and select the [**OK**] key. Enter a password (up to 256 characters) and then select the [**OK**] key. Enter the password again for confirmation, and select the [**OK**] key.
		Printing Allowed	Not Allowed, Allowed (Low Res.), Allowed	Restricts printing of the PDF file. Select from the following restrictions then select the [**OK**] key. Not Allowed: Disables the printing of PDF file. Allowed (Low Res.): Can print the PDF file only in low resolution. Allowed: Can print the PDF file in original resolution.
		Changes Allowed	Not Allowed, Ins./Del./Rotat, Commenting, Any Changes	Specifically limit the operation. Select from the following restrictions then select the [**OK**] key. Not Allowed: Disables the change to the PDF file. Ins./Del./Rotat: Can only insert, delete, and rotate the pages of the PDF file. Commenting: Can only add commenting. Any Changes: Can conduct all operations except extracting the pages of the PDF file.
		Copying Contents	Disable, Enable	Restricts the copying of text and objects on the PDF file. Then select the [**OK**] key.

Subject/Body

Send

Adds subject and body when sending a document.

Select [**Subject**] / [**Body**] to enter the E-mail subject/body.



NOTE

The subject can include up to 60 characters, and the body can include up to 500 characters.

FTP Encrypted TX

Send

Encrypts images when sending via FTP.

Encryption secures the document transmission.

(**Value**: [**Off**] / [**On**])

NOTE

Click [**Security Settings**], and then [**Network Security**] in the Command Center RX. Be sure that "SSL" of Secure Settings is "On" and one or more effective encryption are selected in Client side settings.

Command Center RX User Guide

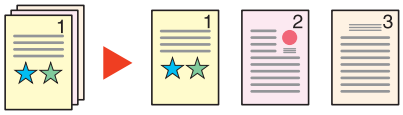
File Separation

Send Scan to USB

Creates several files by dividing scanned original data page by page, and sends the files.

(**Value**: [**Off**] / [**Each Page**])

Select [**Each Page**] to set File Separation.



NOTE

A three-digit serial number such as "abc_001.pdf, abc_002.pdf..." is attached to the end of the file name.

Storing Size

Scan to USB

Select size of image to be stored.

Item	Description
Same as OrigSize	Store an image the same size as the original.
A4, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement, Executive, Oficio II, 16K, ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2	Select from standard sizes.

Relationship between Original Size, Storing Size, and Zoom

Original Size, Storing Size and Zoom are related to each other. For details, see the table below.

Original Size and the size you wish to store as are	the same	different
Original Size (page 6-15)	Specify as necessary.	Specify as necessary.
Storing Size	Select [**Same as Original Size**].	Select the desired size.
Zoom (page 6-11)	Select [**100%**] (or [**Auto**]).	Select [**Auto**].

NOTE

When you select Storing Size that is different from Original Size, and select the Zoom [**100%**], you can store the image as the actual size (No Zoom).

Encrypted PDF

Print from USB

Enter the preassigned password to print the PDF data.

Enter the Password, and select [**OK**].

NOTE

For details on entering the password, refer to the following:

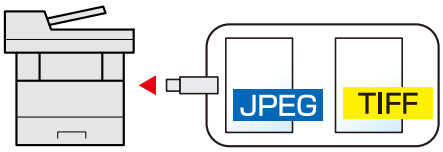
Character Entry Method (page 11-8)

JPEG/TIFF Print

Print from USB

Select the image size when printing JPEG or TIFF files.

(**Value**: [**Paper Size**] / [**Image Resolution**] / [**Print Resolution**])



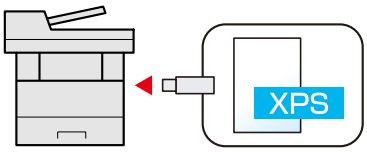
Item	Description
Paper Size	Fits the image size to the selected paper size.
Image Resolution	Prints at resolution of the actual image.
Print Resolution	Fits the image size to the print resolution.

XPS Fit to Page

Print from USB

Reduces or enlarges the image size to fit to the selected paper size when printing XPS file.

(**Value**: [**Off**] / [**On**])



7 Status/Job Cancel

This chapter explains the following topics:

Checking Job Status 7-2
Details of the Status Screens 7-4
Checking Job History 7-8
Sending the Log History 7-12
Job Operation 7-13
Pause and Resumption of Jobs 7-13
Canceling of Jobs 7-13
Device/Communication 7-14
Checking the Remaining Amount of Toner and Paper (Paper/Supplies) 7-15

Checking Job Status

Check the status of jobs being processed or waiting to be printed.

Available Status Screens

The processing and waiting statuses of jobs are displayed as a list on the message display in four different screens - Printing Jobs, Sending Jobs, Storing Jobs, and Scheduled Jobs.

The following job statuses are available.

Status Display	Job status to be displayed
Print Job Status	• Copy • Printer • FAX reception • E-mail reception • Printing from Document Box • Printing data from removable memory • Job Report/List
Send Job Status	• FAX transmission • E-mail • Folder transmission • Application • Multiple destination
Store Job Status	• Scan • FAX • Printer
Scheduled Job	• Sending Job FAX using Delayed transmission

Displaying Status Screens

1 Display the screen.

[**Status/Job Cancel**] key > [▲] [▼] key > [**Print Job Status**], [**Send Job Status**], [**Store Job Status**] or [**Scheduled Job**] > [**OK**] key

2 Select the job you want to check.

1 Select the job you want to check, and [**Menu**].

2 [▲] [▼] key > [**Detail**] > [**OK**] key

Jobs Detail Status is displayed.

NOTE

- If a FAX job is selected in [**Send Job Status**] then [**PriorityOverride**] is displayed. Select [**PriorityOverride**] and select the [**OK**] key to suspend the current job and gives the selected job top priority.
- For [**Scheduled Job**], [**Start Now**] is displayed. Select [**Start Now**] and select the [**OK**] key to send the selected job immediately.

3 Check the status.

Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

➡ Print Job Status (page 7-4)
Send Job Status (page 7-5)
Store Job Status (page 7-6)
Scheduled Job Status (page 7-7)

Details of the Status Screens

NOTE

You can show the job statuses of all users, or only the statuses of your own jobs.

Disp. Status/Log (page 8-31)

This setting can also be changed from Command Center RX.

Command Center RX User Guide

Print Job Status

Item	Description
Status	Status of job [**Processing**]: The status before starting to print. [**Pause**]: Pausing print job or error [**Canceling**]: Canceling the job [**-----**]: The job is finished.
Accepted Time	Accepted Time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**Copy**]: Copy job [**FAX**]: FAX reception [**Box**]: Job from Document Box [**Printer**]: Printer job [**Report**]: Report/List [**E-mail**]: E-mail reception [**USB**]: Data from removable memory
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Page and Copy	• Number of pages printed • Number of copies printed / Total number of copies to be printed
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full Color**] [**Black & White**] [**Mixed**]
Sender Info.	The sender information is displayed. **When receiving a FAX** If the name of the sender is provided when receiving a FAX, the name is displayed. If only the number of the sender is provided, the number is displayed. If there is no information about the sender or if a FAX is not received, [**----**] appears. **For E-mails** The E-mail address is displayed. In other cases, [**----**] is displayed. **NOTE** When the sender information is displayed in a short form, select [**Detail**] to see the complete sender Information. Select the [**OK**] key to return to the previous screen.

Send Job Status

Item	Description
Status	Status of job [**Processing**]: The status before starting sending such as during scanning originals [**Pause**]: Pausing the job [**Canceling**]: Canceling the job
Accepted Time	Accepted Time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**FAX**]: Sending Job FAX [**E-mail**]: Sending Job E-mail [**Folder**]: Sending Job Folder (SMB/FTP) [**Application**]: Sending Job Application [**Multi**]: Multi Sending
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full Color**] [**Black & White**] [**Grayscale**] [**Mixed**]
Destination	The destination is displayed. **If there is one destination:** Destination (Either destination name, FAX number, E-mail address, or server name) **NOTE** When the destination is displayed in a short form, select [**Detail**] to see the complete destination. Select the [**OK**] key to return to the previous screen. **If there are multiple destinations:** [**Broadcast**] is displayed. When [**List**] is selected, all destinations are displayed. Select [**Exit**] to return to the original screen. **NOTE** When the destination in a short form, select the destination and then select the [**OK**] key to see the complete destination. Select the [**OK**] key to return to the previous screen.

Store Job Status

Item	Description
Status	Status of job [**Processing**]: The status before starting sending such as during scanning originals [**Canceling**]: Canceling the job
Accepted Time	Accepted Time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**FAX**]: Storing Job FAX [**SCAN**]: Storing Job Scan [**Printer**]: Storing Job Printer
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full Color**] [**Black & White**] [**Grayscale**] [**Mixed**]
Sender Info.	The sender information is displayed. **When receiving a FAX** If the name of the sender is provided when receiving a FAX, the name is displayed. If only the number of the sender is provided, the number is displayed. If there is no information about the sender or if a FAX is not received, [**----**] appears. In other cases, [**----**] is displayed. **NOTE** When the sender Information is displayed in a short form, select [**Detail**] to see the complete sender Information. Select the [**OK**] key to return to the previous screen.

Scheduled Job Status

Item	Description
Status	Status of job [**Waiting**]: Waiting Sending
Start Time	Time to start the scheduled job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**FAX**] is displayed.
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Original Pages	Number of original pages
Color/B & W	Color mode [**Black & White**]
Destination	The destination is displayed. Destination (page 7-5)

Checking Job History

NOTE

- Job history is also available by Command Center RX or KYOCERA Net Viewer from the computer.

Command Center RX User Guide
KYOCERA Net Viewer User Guide

- You can show the job log of all users, or only your own job log.

Disp. Status/Log (page 8-31)

This setting can also be changed from Command Center RX.

Command Center RX User Guide

Available Job History Screens

The job histories are displayed separately in four screens - Printing Jobs, Sending Jobs, Storing Jobs, and FAX Jobs. The following job histories are available.

Screen	Job histories to be displayed
Print Job Log	• Copy • Printer • FAX reception • E-mail reception • Printing from Document Box • Job Report/List • Printing data from removable memory • Application
Send Job Log	• FAX • E-mail • Folder • Application • Multiple destination
Store Job Log	• Scan • FAX • Printer
FAX Job Log	**FAX Operation Guide**

Displaying Job History Screen

1 Display the screen.

[**Status/Job Cancel**] key > [▲] [▼] key > [**Print Job Log**], [**Send Job Log**], [**Store Job Log**] or [**FAX Job Log**] > [**OK**] key

NOTE

For [**FAX Job Log**], refer to the following:

➔ **FAX Operation Guide**

2 Select the job you want to check.

Select the job you want to check, and [**Detail**].

A job result icon is displayed on the extreme right of each job.

- OK : The job has been completed.
- ⚠ : An error has occurred.
- : The job has been canceled.

NOTE

You can show the job log of all users, or only your own job log.

➔ Disp. Status/Log (page 8-31)

This setting can also be changed from Command Center RX.

➔ **Command Center RX User Guide**

3 Check the job history.

Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

➔ Print Job Log (page 7-10)
Send Job Log (page 7-11)
Store Job Log (page 7-12)

Print Job Log

Item	Description
Result	Result of job [**OK**]: The job has been completed. [**Error**]: An error has occurred. [**Cancel**]: The job has been canceled.
Accepted Time	Accepted Time of job
End Time	Completed time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**Copy**]: Copy job [**FAX**]: FAX reception [**Box**]: Job from Document Box [**Printer**]: Printer job [**Report**]: Report/List [**E-mail**]: E-mail reception [**USB**]: Data from removable memory
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Page and Copy	• Number of pages printed • Number of copies printed / Total number of copies to be printed
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full color**] [**Black & White**] [**Mixed**]
Sender Info.	The sender information is displayed. ➔ Sender Info. (page 7-4)

Send Job Log

Item	Description
Result	Result of job [**OK**]: The job has been completed. [**Error**]: An error has occurred. [**Cancel**]: The job has been canceled.
Accepted Time	Accepted Time of job
End Time	Completed time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. select the [**OK**] key to return to the previous screen.
Job Type	[**E-mail**]: Sending Job E-mail [**Folder**]: Sending Job Folder (SMB/FTP) [**FAX**]: Sending Job FAX [**Application**]: Sending Job Application [**Multi**]: Multi Sending
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full Color**] [**Black & White**] [**Grayscale**] [**Mixed**]
Destination	The destination is displayed. ➔ Destination (page 7-5)

NOTE

If the login user name entry screen appears during operations, log in by referring to the following:

➔ Login (page 2-15)

The factory default login user name and login password are set as shown below.

Login User Name: 2100

Login Password: 2100

Store Job Log

Item	Description
Result	Result of job [**OK**]: The job has been completed. [**Error**]: An error has occurred. [**Cancel**]: The job has been canceled.
Accepted Time	Accepted Time of job
End Time	Completed time of job
Job Name	When the job name in Job Name is displayed in a short form, select [**Detail**] to see the complete job name. Select the [**OK**] key to return to the previous screen.
Job Type	[**FAX**]: Storing Job FAX [**SCAN**]: Storing Job Scan [**Printer**]: Storing Job Printer
User Name	User Name for the executed job If user login administration is disabled, [**----**] appears.
Original Pages	Number of original pages
Color/B & W	Color mode [**Color/B & W**] [**Full Color**] [**Black & White**] [**Grayscale**] [**Mixed**]
Sender Info.	The sender information is displayed. ➔ Sender Info. (page 7-6)

Sending the Log History

You can send the log history by E-mail. You can either send it manually as needed or have it sent automatically whenever a set number of jobs is reached.

➔ Send History (page 8-6)

Job Operation

Pause and Resumption of Jobs

Pause/resume all printing jobs in printing/waiting.

1 Display the screen.

Select the [**Status/Job Cancel**] key.

2 Select [Pause].

Printing is paused.

When resuming the printing of jobs that have been paused, select [**Resume**].

> **NOTE**
> If the [**Back**] key or other function key, such as the [**Copy**] key, is selected during Pause, "Resume paused jobs. Are you sure?" appears. If [**Yes**] is selected and then the [**OK**] key is selected, the job is resumed and the following screen appears. If [**No**] is selected and then the [**OK**] key is selected, the following screen appears while the job is paused.

Canceling of Jobs

A job in printing/waiting status can be canceled.

1 Display the screen.

[**Status/Job Cancel**] key > [▲] [▼] key > [**Print Job Status**], [**Send Job Status**], [**Store Job Status**] or [**Scheduled Job**] > [**OK**] key

2 Cancel a job.

Print Job Status

1 Select the job to be canceled, and [**Menu**].

2 [▲] [▼] key > [**Cancel Job**] > [**OK**] key > [**Yes**]

> **NOTE**
> When FAX reception job is selected, [**Cannot cancel FAX reception jobs.**] is displayed and the job cannot be canceled.

Send Job Status, Store Job Status or Scheduled Job Status

1 Select the job to be canceled, and [**Cancel**].

> **NOTE**
> A job can be canceled by selecting [**Menu**], selecting [**Cancel Job**] and then selecting the [**OK**] key.

2 Select [**Yes**].

Device/Communication

Configure the devices/lines installed or connected to this machine or check their status.

1 Display the screen.

1 Select the [**Status/Job Cancel**] key.

2 Select the items you want to check. Then, select the [**OK**] key to show the status of the selected device.

2 Check the status.

The items you can check are described below.

"Scanner"

Statuses such as the original scanning status and standby are displayed.

"Printer"

Statuses such as waiting and printing are displayed.

"FAX"

- The information such as sending/receiving and dialing is displayed.
- Select [**Line Off**] to cancel a fax in sending/receiving.

➔ **FAX Operation Guide**

USB Memory

- The usage, capacity and free space of the external media connected to this machine are displayed.
- Select [**Remove**] to safely remove the external media.

"USB Keyboard"

The status of the optional USB Keyboard is displayed.

"Network"

The network connection status appears.

"Wi-Fi"

The Wi-Fi connection status and network name (SSID) of the machine appear.

This function is displayed when the wireless network function is available on the machine.

Checking the Remaining Amount of Toner and Paper (Paper/Supplies)

Check the remaining amount of toner, and paper on the message display.

1 Display the screen.

Select the [**Status/Job Cancel**] key.

2 Check the status.

[▲] [▼] key > [**Toner Status**] or [**Paper Status**] > [**OK**] key

The items you can check are described below.

"Toner Status"

The amount of toner remaining is shown in levels.

"Paper Status"

The status of the source is displayed. Select the [►] key to view the next source. Select the [◄] key to return to the previous screen.

8 Setup and Registration (System Menu)

This chapter explains the following topics:

System Menu 8-2
Operation Method 8-2
System Menu Settings 8-3
Report 8-5
System/Network 8-7
User/Job Account 8-18
User Property 8-18
Common Settings 8-19
Copy 8-32
Printer 8-33
Send 8-35
FAX 8-36
Document Box 8-36
Edit Destination 8-37
Adjust/Maint. 8-38

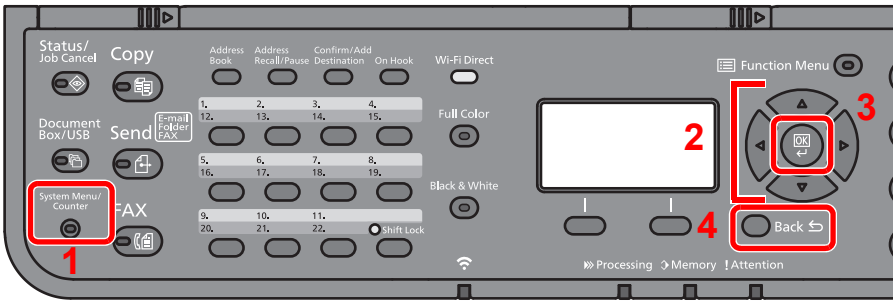
System Menu

Configure settings related to overall machine operation.

Operation Method

Select the [**System Menu/Counter**] key to show the settings on the message display. Then, select from the settings displayed.

Operation Method (page 2-13)



1 Displays the System Menu items.

2 Selects the item displayed or changes the numeric value.

3 Confirms the selected setting.

4 Cancels the current menu setting to return to the menu one level higher.

NOTE

- In order to change settings that require administer privileges, you must log in with administrator privileges. The factory default login user name and login password are set as shown below.

  Login User Name: **2100**

  Login Password: **2100**

- If function default settings have been changed, the [**Reset**] key can be selected in each function screen to immediately change the settings.

Refer to System Menu Settings on the following page and configure as needed.

System Menu Settings

This section explains the functions that can be configured in System Menu. To configure the settings, select the item in System Menu and select the setting item. For details on each function, see the table below.

Item	Description	Reference Page
Report Print	Print reports to check the machine settings, status, and history. Settings for printing reports can also be configured.	page 8-5
Admin Rpt Set.		Refer to the **FAX Operation Guide**.
Result Rpt Set.		page 8-6
Job Log History		page 8-6
Counter	This counts the number of pages printed or scanned.	page 2-43
Network Setting	Configures network settings.	page 8-7
Primary Network	Specify the network to be used for the send function, the network authentication and connecting to external address book.	page 8-16
I/F Block Set.	This allows you to protect this machine by blocking the interface with external devices such as USB hosts.	page 8-17
Security Level	The Security Level setting is primarily a menu option used by service personnel for maintenance work. There is no need for customers to use this menu.	—
Restart	Restart the machine without turning the power switch off. Use this to deal with any unstable operation by the machine. (Same as the computer restart.)	page 8-17
Op Functions	You can use the optional applications installed on this machine.	page 8-17
User/Job Account	Configures settings related to machine management. User Login: ➡ Overview of User Login Administration (page 9-2) Job Accounting: ➡ Overview of Job Accounting (page 9-22)	—
User Property	Allows you to view information about logged in users and edit some of that information.	page 8-18
Language	Select the language displayed on the message display.	page 8-19
Default Screen	Select the screen appearing right after start-up (default screen).	page 8-19
Sound	Set options for buzzer sound during the machine operations.	page 8-19
Display Bright.	Set the brightness of the message display.	page 8-19
Orig./Paper Set.	Configure settings for originals.	page 8-20
Preset Limit	Restrict the number of copies that can be made at one time.	page 8-24
Measurement	Select inch or metric for the unit for paper dimensions.	page 8-24
Error Handling	Select whether to cancel or continue the job when error has occurred.	page 8-25
Date Setting	Configure settings related to the date and time.	page 8-25
Timer Setting	Configure settings related to the time.	page 8-26
Function Defaults	Defaults are the values automatically set after the warm-up is completed or the [**Reset**] key is selected. Set the defaults for available settings such as copying and sending. Setting the frequently-used values as defaults makes subsequent jobs easier.	page 8-28

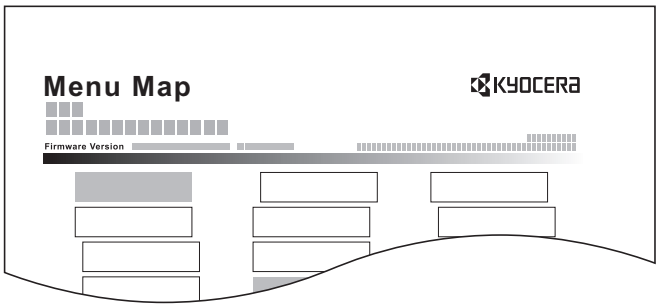
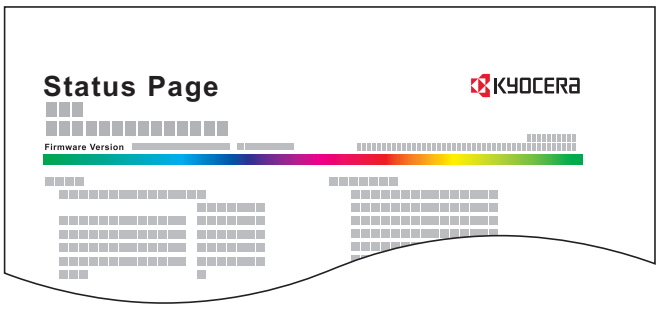
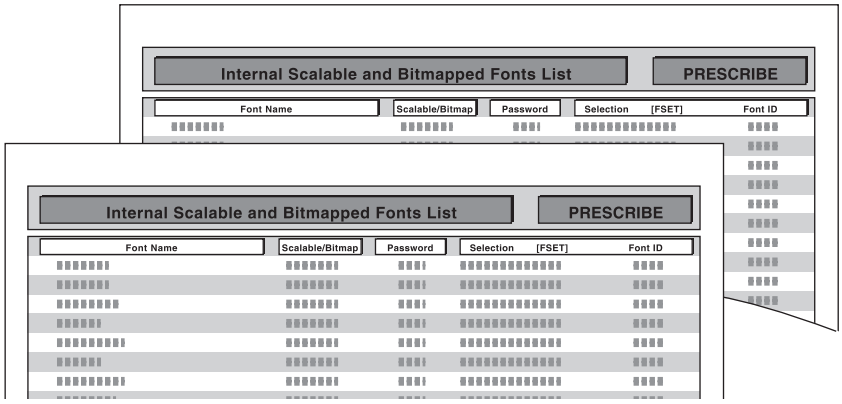
Item	Description	Reference Page
Login Operation	Select the screen to enter the login user name and password when logging in.	page 8-28
RAM Disk Mode	A RAM disk can be created and its size can be set.	page 8-30
Format SD Card	Format an SD/SDHC memory card.	page 8-30
Optional Memory	When optional memory is installed, select the memory allocation scheme based on the application in which you are using the equipment.	page 8-30
Disp. Status/Log	Set the display method of the Status/Log.	page 8-31
USB KeyboardType	Select the type of USB keyboard that you want to use.	page 8-31
Low Toner Alert	Set the amount of remaining toner to notify the administrator when to order a toner when the toner is running low.	page 8-31
ColorToner Empty	Select whether printing is prohibited or the Print in Black and White setting is used for printing once the color toner runs out.	page 8-31
Show PowerOffMsg	Set the mode whether display a confirmation message in power supply off.	page 8-31
EnergySaver Set.	Select the method of recovery from energy saver.	page 8-32
Copy	Configures settings for copying functions.	page 8-32
Printer	Printing from computers, settings are generally made on the application software screen. However, the following settings are available for configuring the defaults to customize the machine.	page 8-33
Send	Configures settings for sending functions.	page 8-35
FAX	Configures settings for fax functions. ➡ **FAX Operation Guide**	—
Document Box	Configures settings related to the Job Box, Sub Address Box and Polling Box. For details on Sub Address Box and Polling Box, see the **FAX Operation Guide**.	page 8-36
Edit Destination	Configures Address Book and One Touch Key settings. Address Book: ➡ Adding a Destination (Address Book) (page 3-20) One Touch Key: ➡ Adding a Destination on One Touch Key (One Touch Key) (page 3-27)	page 8-37
Adjust/Maint.	Adjust printing quality and conduct machine maintenance.	page 8-38

Report

Print reports to check the machine settings, status, and history. Settings for printing reports can also be configured.

Report Print

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Report Print**] > [**OK**] key

Item	Description
Menu Map	Prints Menu Map to check the settings of the machine. 
Status Page	Prints the status page, allowing you to check the information including current settings, memory capacity, and optional equipment installed. 
Font List	Prints the font list, allowing you to check the font samples installed in the machine. 

Admin Rpt Set.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Admin Rpt Set.**] > [**OK**] key

Configure settings for Outgoing FAX report and Incoming FAX report.

➔ **FAX Operation Guide**

Result Rpt Set.

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Result Rpt Set.**] > [**OK**] key

Item		Description
Send Result		Automatically print a report of transmission result when a transmission is complete.
	E-mail/Folder	Automatically print a report of transmission result when E-mail or SMB/FTP transmission is complete. **Value: Off, On, Error Only**
	FAX	➔ **FAX Operation Guide**
	CancelBeforeSend[*1]	Print a send result report if the job is canceled before being sent. **Value: Off, On**
	Dest. Info.[*1]	Select the Recipient Format for the send result report. **Value: Dest. or Name, Dest. and Name**
FAX RX Result		➔ **FAX Operation Guide**
JobFinish Notice		Attaches sent images to job finish notices. **Value: Do Not Attach Image, Attach SendImage**

*1 When "E-mail/Folder" and "FAX" are set to [**Off**], this function will not be displayed.

Job Log History

[**System Menu/Counter**] key > [▲] [▼] key > [**Report**] > [**OK**] key > [▲] [▼] key > [**Job Log History**] > [**OK**] key

Item	Description
Auto Sending	This function automatically sends the log history to the specified destinations whenever a set number of jobs has been logged. **Value: Off, On** **NOTE** If [**On**] is selected, specify the number of job histories. The setting range is 1 to 16.
Send History	You can also send the log history to the specified destinations manually.
Destination	Set the destination to which log histories are sent. Only E-mail address can be set.
Subject	Set the subject automatically entered when sending log histories by E-mail. **Value: Up to 60 characters**
Personal Info.	Select whether to include personal information in the job log. **Value: Include, Exclude**

System/Network

Configures machine system settings.

Network Setting

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Network Setting**] > [**OK**] key

Configures network settings.

Host Name

Item	Description
Host Name	Check the host name of the machine. Host name can be changed from Command Center RX. ➔ Changing Device Information (page 2-49)

Wi-Fi Direct Set

Set Wi-Fi Direct.

NOTE
This function is displayed when the wireless network function is available on the machine.

Item	Description
Wi-Fi Direct	Select whether to use Wi-Fi Direct. **Value: Off, On**
Device Name	Specify the device name. **NOTE** • Up to 32 characters can be entered. • This function is displayed when [**Wi-Fi Direct**] is set to [**On**].
IP Address	Check the IP address of the machine. ➔ TCP/IP Settings (page 8-10) **NOTE** This function is displayed when [**Wi-Fi Direct**] is set to [**On**].
Auto Disconnect	Automatically disconnect devices connected through Wi-Fi Direct. **Value: Off, On** **NOTE** This function is displayed when [**Wi-Fi Direct**] is set to [**On**].
Disconnect Timer	If you select [**ON**] to Auto Disconnect, set the waiting time for automatic disconnection. **Value: Day (00 to 99), Hour (00 to 23), Minute (00 to 59)**

Wi-Fi Settings

Set Wi-Fi.

NOTE

This function is displayed when the wireless network function is available on the machine.

Item	Description
Wi-Fi	Select whether to use Wi-Fi. **Value: Off, On**
Setup	-
ConnectionStatus	Check the wireless LAN status.
Quick Setup	If the machine will connect to an access point that supports the automatic wireless network setup, connection settings can be configured by Quick Setup. **NOTE** If you are connecting to an access point that has WEP enabled, select [**WEP Key Index**] and select the WEP key index.
AvailableNetwork	Displays access points to which the machine can connect. **NOTE** • When [**Reload**] is selected, the list is reloaded. • If the access point's security setting uses WEP, select [**Menu**] and set [**WEP Key Index**].
WEP Key Index	Select the key index of the access point. **Value: 0 to 3**
Push Button	If the access point supports the push button method, wireless settings can be configured using the push button. This setting executes push button, and the connection is started by pressing the push button on the access point. **NOTE** The push button method supports only the WPS.
PIN (Device)	Starts connection using the machine's PIN code. Enter the PIN code into the access point. The PIN code of the machine is automatically generated.

Item	Description
Custom Setup	The detailed settings for wireless LAN can be changed.
Network Name (SSID)	Set the SSID (Service Set Identifier) of the wireless LAN to which the machine connects. **NOTE** Up to 32 characters can be entered.
Netwk Authentic.	Select network authentication type. **Value: Open, WPA2/WPA-PSK, WPA2-PSK, WPA2/WPA-EAP, WPA2-EAP**
Encryption	Select encryption method. The setting values vary depending on the Network Authentication setting.

Network Authentication	Encryption	
Open	Disable	—
	WEP	WEP Key: Up to 26 characters WEP Key Index: 0 to 3
WPA2/WPA-PSK	Data Encryption: AES, Auto Preshared Key: Up to 64 characters	
WPA2-PSK	Data Encryption: AES , Auto Preshared Key: Up to 64 characters	
WPA2/WPA-EAP	Data Encryption: AES, Auto	
WPA2-EAP	Data Encryption: AES, Auto	

Item	Description
TCP/IP Settings	-
TCP/IP	Select whether to use TCP/IP Protocol. **Value: Off, On**
IPv4 Setting	Set up TCP/IP (IPv4) to connect to the network. This setting is available when [**TCP/IP**] is set to [**On**].
DHCP	Select whether to use the DHCP (IPv4) server. **Value: Off, On**
Auto-IP	Select whether to use Auto-IP. **Value: Off, On**
IP Address	Set the IP address. **Value: ###.###.###.###** **NOTE** When DHCP is set to [**On**], this item is displayed only and cannot be entered.
Subnet Mask	Set the IP subnet mask. **Value: ###.###.###.###** **NOTE** When DHCP is set to [**On**], this item is displayed only and cannot be entered.
Default Gateway	Set the IP gateway address. **Value: ###.###.###.###** **NOTE** When DHCP is set to [**On**], this item is displayed only and cannot be entered.

IMPORTANT

- **When setting the Auto-IP, enter "0.0.0.0" in [IP Address].**
- **After changing the setting, restart the network or turn the machine OFF and then ON.**

Item	Description
IPv6 Setting	Set up TCP/IP (IPv6) to connect to the network. This setting is available when [**TCP/IP**] is [**On**].
IPv6 Setting	Select whether to use IPv6. **Value: Off, On** **NOTE** Selecting [**On**] displays IP address in [**Link Local**] after restarting the network.
Manual Settings	Manually specify the IP address, prefix length, and gateway address of TCP/IP (IPv6). **Value** **IP Address:** **128-bits address is expressed in eight groups consisting of four-digit hexadecimal digits. The groups are separated by colon (:).** **Prefix Length:** **0 to 128** **Default Gateway:** **128-bits address is expressed in eight groups consisting of four-digit hexadecimal digits. The groups are separated by colon (:).** **NOTE** This function is displayed when [**IPv6 Setting**] is set to [**On**]. To enter "Default Gateway", set [**RA (Stateless)**] to [**Off**].
RA(Stateless)	Select whether to use RA (Stateless). **Value: Off, On** **NOTE** This function is displayed when [**IPv6 Setting**] is set to [**On**]. Selecting [**On**] displays IP address in [**IP Address 1 (to 5)**] after restarting the network.
DHCPv6 Settings	Select whether to use the DHCP (IPv6) server. **Value: Off, On** **NOTE** This function is displayed when [**IPv6 Setting**] is set to [**On**]. Selecting [**On**] displays IP address in [**IP Address**] after restarting the network.
Restart Network	Restarts the network.

IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

Wired Netwk. Set

Configure wired network settings.

Item	Description
TCP/IP Settings	For details on setting value. → TCP/IP Settings (page 8-10)
LAN Interface	Specify the settings for the LAN interface to be used. **Value: Auto, 10BASE-Half, 10BASE-Full, 100BASE-Half, 100BASE-Full, 1000BASE-T**

IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

Bonjour

Item	Description
Protocol Setting	Select whether to use Bonjour. **Value: Off, On**
Wi-Fi Direct*1	Set whether to enable this function for each network. **Value: Disable, Enable**
Wi-Fi*1	
Wired Network	

*1 Displayed only when the wireless network function is available on the machine.

IPSec

Item	Description
IPSec	Make this setting when you use IPSec. **Value: Off, On** **NOTE** If [**Bonjour**] is set to [**ON**], set [**Rule Setting**].

ProtocolSettings

Configure protocol settings.

Item	Description
NetBEUI	Selects whether to receive documents using NetBEUI.*1 **Value: Off, On**
Wi-Fi Direct*2	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**NetBEUI**] is set to [**On**].
Wi-Fi*2	
Wired Network	
SNMPv3	Select whether to communicate using SNMPv3.*1 **Value: Off, On**
Wi-Fi Direct*2	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**SNMPv3**] is set to [**On**].
Wi-Fi*2	
Wired Network	
FTP (Server)	Select whether to receive documents using FTP.*1 **Value: Off, On**
Wi-Fi Direct*2	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**FTP (Server)**] is set to [**On**].
Wi-Fi*2	
Wired Network	
FTP (Client)	Select whether to send documents using FTP. When selecting [**On**], set the FTP Port Number. The default port number is 21. **Value: Off, On (Port Number: 1 to 65535)**

Item	Description
SMB	Select whether to send documents using SMB. When selecting [**On**], set the SMB default Port Number. The default port number is 445. **Value: Off, On (Port Number: 1 to 65535)**
SNMP	Select whether to communicate using SNMP.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**SNMP**] is set to [**On**].
SMTP	Select whether to send E-mail using SMTP. **Value: Off, On**
POP3	Select whether to receive E-mail using POP3. **Value: Off, On**
RAW Port	Select whether to receive documents using Raw Port.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**RAW Port**] is set to [**On**].
LPD	Selects whether to receive documents using LPD.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**LPD**] is set to [**On**].
IPP	Selects whether to receive documents using IPP. To use the IPP protocol, select [**Not Secure (IPP&IPPS)**] on IPP Security under Security Settings from the Command Center RX. The default port number is 631.[*1] **Value: Off, On (Port Number: 1 to 32767)**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**IPP**] is set to [**On**].

Item	Description
IPP Over SSL	Select whether or not to use IPP over SSL.[*1, *3] **Value: Off, On (Port Number: 1 to 32767)** **NOTE** When selecting [**On**], it also requires a certificate for SSL. the default certificate is the self-certificate of the machine. **Command Center RX User Guide**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**IPP Over SSL**] is set to [**On**].
HTTP	Select whether to communicate using HTTP.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**HTTP**] is set to [**On**].
HTTPS	Select whether to communicate using HTTPS.[*1, *3] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**HTTPS**] is set to [**On**].
LDAP	Select whether to use LDAP. **Value: Off, On**
ThinPrint	Select whether to use ThinPrint. To use the Thin Print protocol, set the protocol to [**On**]. The default port number is 4000.[*1, *3] **Value: Off, On (Port Number: 1 to 32767)** **NOTE** This function is displayed only when the optional ThinPrint Option is activated.
Thin Print over SSL	To use the Thin Print over SSL protocol, set [**Thin Print Over SSL**] to [**On**].[*1, *3] **Value: Off, On** **NOTE** • This function is displayed when [**ThinPrint**] is set to [**On**]. • When selecting [**On**], it also requires a certificate for SSL. The default certificate is the self-certificate of the machine. **Command Center RX User Guide**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**ThinPrint**] is set to [**On**].

Item	Description
WSD-SCAN	Select whether to use WSD Scan.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**WSD-SCAN**] is set to [**On**].
WSD-PRINT	Set whether to use our proprietary web services. WIA driver, TWAIN driver and Network FAX driver use this Enhanced WSD web service.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**WSD-PRINT**] is set to [**On**].
Enhanced WSD	Set whether to use our proprietary web services.[*1] **Value: Off, On** **NOTE** Selecting [**Off**] will disable the functionality of WIA, TWAIN, and Network FAX driver.
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**Enhanced WSD**] is set to [**On**].
EnhancedWSD(SSL)	Set whether to use our proprietary web services over SSL.[*1, *3] **Value: Off, On** **NOTE** Selecting [**Off**] will disable the functionality of WIA, TWAIN and Network FAX drivers.
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**EnhancedWSD(SSL)**] is set to [**On**].
eSCL	Selects whether to receive scanned documents using eSCL.[*1] **Value: Off, On**
Wi-Fi Direct[*2] **Wi-Fi**[*2] **Wired Network**	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**eSCL**] is set to [**On**].

Item	Description
eSCL over SSL	Selects whether to receive scanned documents using eSCL over SSL.*1, *3 **Value: Off, On**
Wi-Fi Direct*2	Set whether to enable this function for each network. **Value: Disable, Enable** **NOTE** This function is displayed when [**eSCL over SSL**] is set to [**On**].
Wi-Fi*2	
Wired Network	

*1 The setting will be changed after restarting the device or network.
*2 Displayed only when the wireless network function is available on the machine.
*3 Set "SSL" to [**On**] in Secure Settings.
➡ Secure Settings (page 8-16)

IMPORTANT
After changing the setting, restart the network or turn the machine OFF and then ON.

Secure Settings

Item	Description
SSL	Select whether or not to use SSL. **Value: Off, On**

Ping

Item	Description
Ping	Checks if communication with the destination by entering the host name or IP address of the destination is possible.

Restart Network

Item	Description
Restart Network	Restarts the network.

Primary Network

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Primary Network**] > [**OK**] key

NOTE
This function is displayed when the wireless network function is available on the machine.

Item	Description
Primary Network	Specify the network to be used for the send function, the network authentication and connecting to external address book. **Value: Wi-Fi, Wired Network**

I/F Block Set.

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**I/F Block Set.**] > [**OK**] key

This allows you to protect this machine by blocking the interface with external devices such as USB hosts.

Item	Description
USB Host	This locks and protects the USB host. **Value: Unblock, Block**
USB Device	This locks and protects the USB interface connector (USB Device). **Value: Unblock, Block**
USB Storage	This locks and protects the USB memory slot. **Value: Unblock, Block** **NOTE** This function is available when USB Host is set to [**Unblock**].

IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

Security Level

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Security Level**] > [**OK**] key

Item	Description
Security Level	Specify the security level. **Value** **Low:** **This mode is used during maintenance. Do not use normally.** **High:** **This is the security setting we recommend. Use this setting normally.** **Very High:** **In addition to [High] setting, this setting disables the machine settings to be changed from external command.**

Restart

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Restart**] > [**OK**] key

Item	Description
Restart	Restart the machine without turning the power switch off. Use this to deal with any unstable operation by the machine. (Same as the computer restart.)

Op Functions

[**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key > [▲] [▼] key > [**Op Functions**] > [**OK**] key

Item	Description
Op Functions	You can use the optional applications installed on this machine. ➔ Optional Applications (page 11-6)

User/Job Account

[**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

Configure settings related to machine management.

➡ Overview of User Login Administration (page 9-2)
Overview of Job Accounting (page 9-22)
Unknown ID Job (page 9-38)

User Property

[**System Menu/Counter**] key > [▲] [▼] key > [**User Property**] > [**OK**] key

Allows you to view information about logged in users and edit some of that information.

➡ Enabling User Login Administration (page 9-3)

Common Settings

Configures overall machine operation.

Language

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Language**] > [**OK**] key

Item	Description
Language	Select the language displayed on the message display.

Default Screen

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Default Screen**] > [**OK**] key

Item	Description
Default Screen	Select the screen appearing right after start-up (default screen). **Value: Status, Copy, Send, FAX, Document Box**

Sound

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Sound**] > [**OK**] key

Item		Description
Buzzer		Set options for buzzer sound during the machine operations.
	Key Confirmation	Emit a sound when the operation panel keys are selected. **Value: Off, On**
	Job Finish	Emit a sound when a print job is normally completed. **Value: Off, On, FAX RX Only**
	Ready	Emit a sound when the warm-up is completed. **Value: Off, On**
	Warning	Emit a sound when errors occur. **Value: Off, On**
	Keyboard Confirm	Emit a sound to confirm keypresses with a sound. **Value: Off, On**
FAX Speaker		➔ **FAX Operation Guide**
FAX Monitor		➔ **FAX Operation Guide**

Display Bright. (Display Brightness)

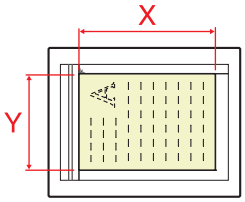
[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Display Bright.**] > [**OK**] key

Item	Description
Display Bright.	Set the brightness of the message display. **Value: Darker -3, Darker -2, Darker -1, Normal 0, Lighter +1, Lighter +2, Lighter +3**

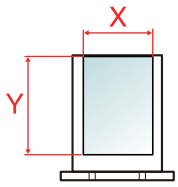
Orig./Paper Set.

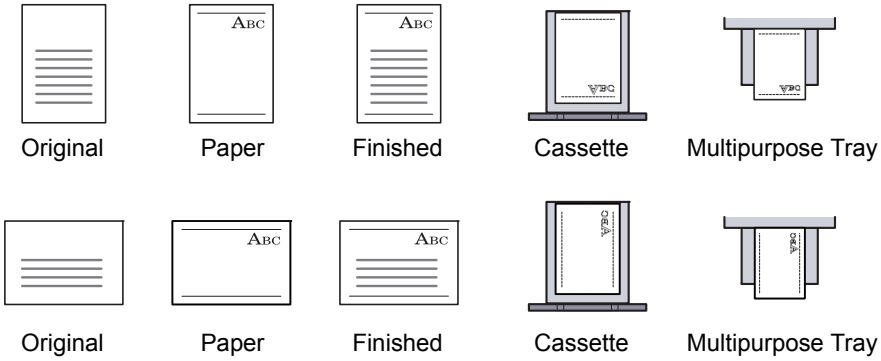
[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Orig./Paper Set.**] > [**OK**] key

Configure settings for originals.

Item		Description
Custom Orig. Size		Set up frequently-used custom original size. The custom size option is displayed on the screen to select original size. **Value** **Metric** **X: 50 to 356 mm (in 1 mm increments)** **Y: 50 to 216 mm (in 1 mm increments)** **Inch** **X: 1.97 to 14.02" (in 0.01" increments)** **Y: 1.97 to 8.50" (in 0.01" increments)** **X=Length, Y=Width** Horizontal 
Detect Orig.(DP)		Select whether to automatically detect originals of the document processor.
	Auto Detect	Select whether to enable automatic detection of original size. **Value: off, on**
	System of Units	Select metric or inch for the unit of original size detection. **Value: Metric, Inch**
	LGL/OFII/216x340	As Legal, OficioII and 216 x 340 mm are similar in size, select either one of them for automatic detection. **Value: Legal, OficioII, 216 x 340 mm** **NOTE** When [**Auto Detect**] is set to [**Off**], this function will not be displayed. When [**System of Units**] is set to [**Metric**], this function will not be displayed.
Def. Orig. Size		Set the default original size. **Value: Off*1, A4, A5, A6, B5, B6, Letter, Statement, Executive, 16K**

*1 This function is displayed when [**Auto Detect**] in [**Detect Orig.(DP)**] is set to [**On**].

Item		Description
Custom PaperSize		Set up frequently-used custom paper size. One custom paper size is set for each paper supply source. The custom size option is displayed on the screen to select paper size.
	Cassette 1 (2) Size	Register the custom paper size to be used in Cassette 1 (2). **Value** **Metric** **X: 105 to 216 mm (in 1 mm increments)** **Y: 148 to 356 mm (in 1 mm increments)** **Inch** **X: 4.13 to 8.50" (in 0.01" increments)** **Y: 5.83 to 14.02" (in 0.01" increments)** **X=Length, Y=Width** Vertical 
	MP Tray Size	Register the custom paper size to be used in the multipurpose tray. **Value** **Metric** **X: 70 to 216 mm (in 1 mm increments)** **Y: 148 to 356 mm (in 1 mm increments)** **Inch** **X: 2.76 to 8.50" (in 0.01" increments)** **Y: 5.83 to 14.02" (in 0.01" increments)** **X=Length, Y=Width** Vertical Horizontal
Cassette 1 (2) Set.		Select the paper size and media type for cassettes 1 (2). ➔ Cassette 1 (2) Set. (Cassette 1 (2) Settings) (page 8-23)
MP Tray Set.		Select the paper size and media type for the multipurpose tray. ➔ MP Tray Set. (Multipurpose Tray Settings) (page 8-23)
Media Type Set.		Select weight for each media type. For Custom 1 to 8, settings for duplex printing and media type name can be changed. ➔ Media Type Setting (page 8-24)
Media for Auto	**Full Color** **Black & White**	Select a default media type for auto paper selection when [**Auto**] is selected of Paper Selection. If [**Plain**] is selected, the paper source with plain paper loaded in the specific size is selected. Select [**All Media Types**] for the paper source with any kind of paper loaded in the specific size. **Value: All Media Types, Plain, Transparency, Rough, Vellum, Labels, Recycled, Preprinted, Bond, Cardstock, Color, Prepunched, Letterhead, Envelope, Thick, Coated, High Quality, Custom 1 to 8**

Item	Description
Def. PaperSource	Select the default paper source from Cassette 1 (2) and multipurpose tray. **Value: Cassette 1 (2), MP Tray** **NOTE** [**Cassette 2**] is displayed when optional paper feeder is installed.
SpecialPaper Act.	When printing on Prepunched, Preprint, and Letterhead, punch-holes might not be aligned or the print direction might be upside-down depending on how originals are set and the combination of copying functions. In such a case, select [**Adj. PrintDirect**] to adjust the print direction. When paper orientation is not important, select [**Speed Priority**]. If [**Adj. PrintDirect**] is selected, load paper according to the steps below. Example: copying on Letterhead  **Value: Adj. PrintDirect, Speed Priority**
Paper Setup Msg **Cassette 1 to 2** **MP Tray**	Set whether to display the confirmation screen for the paper setting when a new paper is set for each cassette. **Value: Off, On** **NOTE** [**Cassette 2**] is displayed when the optional paper feeder is installed.

Cassette 1 (2) Set. (Cassette 1 (2) Settings)

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Orig./Paper Set.**] > [**OK**] key > [▲] [▼] key > [**Cassette 1 (2) Set.**] > [**OK**] key

Select paper size and media type for Cassettes 1 (2).

Item	Description
Cassette 1 (2) Size	Available options are as follows: **Value**: **A4, A5-R, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement-R, Executive, Oficio II, 16K, ISO B5, Custom**
Cassette 1 (2) Type[*1]	Select the media type. **Value: Plain (60 to 105 g/m^2), Rough, Recycled, Preprinted**[*2]**, Bond, Color, Prepunched**[*2]**, Letterhead**[*2]**, Thick (106 to 163 g/m^2), High Quality, Custom 1 to 8**

*1 To change to a media type other than "Plain".
➔ Media Type Setting (page 8-24).
When a paper weight that cannot be loaded in the cassette is set for a media type, that media type does not appear.

*2 To print on preprinted or prepunched paper or on letterhead.
➔ SpecialPaper Act. (page 8-22)

MP Tray Set. (Multipurpose Tray Settings)

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Orig./Paper Set.**] > [**OK**] key > [▲] [▼] key > [**MP Tray Set.**] > [**OK**] key

Select paper size and media type for the multipurpose tray.

Item	Description
MP Tray Size	Available options are as follows: **Value: A4, A5-R, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement-R, Statement, Executive, Oficio II, 16K, ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2, Custom**[*1]
MP Tray Type[*2]	Select the media type. **Values: Plain (60 to 105 g/m^2), Transparency, Rough, Vellum (60 to 220 g/m^2), Labels, Recycled, Preprinted**[*3]**, Bond, Cardstock, Color, Prepunched**[*3]**, Letterhead**[*3]**, Envelope, Thick (106 to 220 g/m^2), Coated, High Quality, Custom 1 to 8**

*1 For instructions on how to specify the custom paper size.
➔ Custom PaperSize (page 8-21)
*2 To change to a media type other than "Plain".
➔ Media Type Setting (page 8-24)
*3 To print on preprinted or prepunched paper or on letterhead.
➔ SpecialPaper Act. (page 8-22)

Media Type Setting

The following media type and paper weight combinations are available.

Paper Weight	Weight (g/m^2)	Paper Weight	Weight (g/m^2)
Light	52 g/m² to 59 g/m²	**Heavy 1**[*1]	106 g/m² to 135 g/m²
Normal 1	60 g/m² to 74 g/m²	**Heavy 2**[*1]	136 g/m² to 163 g/m²
Normal 2	75 g/m² to 90 g/m²	**Heavy 3**[*1]	164 g/m² to 220 g/m²
Normal 3	91 g/m² to 105 g/m²	**Extra Heavy**[*1]	Transparencies

*1 The processing speed will be slower than normal.

Each media type's default weight is indicated.

Media Type	Default	Media Type	Default
Plain	Normal 2	**Color**	Normal 2
Rough	Normal 3	**Prepunched**	Normal 2
Vellum	Heavy 1	**Letterhead**	Normal 2
Labels	Heavy 1	**Envelope**	Heavy 2
Recycled	Normal 2	**Thick**	Heavy 2
Preprinted	Normal 2	**High Quality**	Normal 2
Bond	Normal 3	**Coated**	Heavy 1
Cardstock	Heavy 3	**Custom 1 to 8**	Normal 2

For Custom 1 to 8, settings for duplex printing and media type name can be changed.

Item		Description
Duplex Print	**Permit**	Duplex printing allowed.
	Prohibit	Duplex printing not allowed.
Name		Change names for Custom 1 to 8. Names should be not more than 16 characters. Selecting media type at multipurpose tray, the name after change will be displayed. ➔ Character Entry Method (page 11-8)

Preset Limit

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Preset Limit**] > [**OK**] key

Item	Description
Preset Limit	Restrict the number of copies that can be made at one time. **Value: 1 to 999 copies.**

Measurement

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Measurement**] > [**OK**] key

Item	Description
Measurement	Select inch or metric for the unit for paper dimensions. **Value: inch, mm**

Error Handling

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Error Handling**] > [**OK**] key

Select whether to cancel or continue the job when error has occurred.

Item	Description
DuplexPaperError	Select what to do when duplex printing is not possible for the selected paper size and media type. **Value** **1-sided: Printed in 1-sided** **Display Error: Message to cancel printing is displayed.**
PaperMismatchErr	Select what to do when the selected paper size or type does not match paper size or type loaded in the specified paper source while printing from the computer by specifying the cassette or multipurpose tray. **Value** **Ignore: The setting is ignored and the job is printed.** **Display Error: Message to cancel printing is displayed.**

Date Setting

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Date Setting**] > [**OK**] key

Configure settings related to the date and time.

Item	Description
Date/Time	Set the date and time for the location where you use the machine. When you send an E-mail using the transmission function, the date and time as set here will be printed in the header of the E-mail message. **Value: Year (2000 to 2037), Month (01 to 12), Day (01 to 31), Hour (00 to 23), Minute (00 to 59), Second (00 to 59)** Setting Date and Time (page 2-17) **NOTE** If you change the date/time while using the trial version of an application, you will no longer be able to use the application.
Date Format	Select the display format of year, month, and date. The year is displayed in Western notation. **Value: Month/Day/Year, Day/Month/Year, Year/Month/Day**
Time Zone	Set the time difference from GMT. Choose the nearest listed location from the list. If you select a region that utilizes summer time, configure settings for summer time. Setting Date and Time (page 2-17)
Summer Time	

Timer Setting

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Timer Setting**] > [**OK**] key

Configure settings related to the time.

Item	Description
Auto Panel Reset	If no jobs are run for a certain period of time, automatically reset settings and return to the default setting. Select to use Auto Panel Reset or not. **Value: Off, On** **NOTE** The time allowed to elapse before the panel is reset is set with the following: PanelReset Timer (page 8-26)
PanelReset Timer	If you select [**On**] for Auto Panel Reset, set the amount of time to wait before Auto Panel Reset. **Value: 5 to 495 seconds (in 5 second increments)** **NOTE** This function is displayed when [**Auto Panel Reset**] is set to [**On**].
Sleep Level (models except for Europe)	Select the Sleep level. Set the Energy Saver mode to reduce power consumption even more than Quick Recovery mode. **Value: Quick Recovery, Energy Saver**
(Detailed settings)	Set whether to use the Energy Saver mode for the following functions individually: • Network • Card Reader*1 • FAX **Value: Off, On** **NOTE** When the machine enters Energy Saver, the ID card cannot be recognized.
Sleep Rules (models for Europe)	Select whether to use the Sleep mode for the following functions individually: • Network • Card Reader*1 • FAX **Value: Off, On** **NOTE** When the machine enters Energy Saver, the ID card cannot be recognized.
Sleep Timer	Set amount of time before entering Sleep. **Value** **For Europe** **1 to 60 minutes (1 minute increments)** **Except for Europe** **1 to 240 minutes (1 minute increments)** Sleep (page 2-26)

Item	Description
Power Off Rule (models for Europe)	Select whether or not the machine enters Power Off mode for the following function. Select [**On**] to set the Power Off mode. • Network • FAX • USB Cable • USB Host • RAM Disk • Remote Diag. **Value: Off, On** **NOTE** Even when any of the functions is set to [**On**], if [**FAX**] is set to [**Off**], the machine does not enter Power Off Mode. Even when [**Network**] or [**USB Cable**] is set to [**Off**], if the machine does not communicate with the other devices, the machine will enter Power Off Mode.
Power Off Timer (models for Europe)	Select whether to turn off the power automatically after a period of inactivity. **Value: 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 9 hours, 12 hours, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 1 week**
Auto Err. Clear	If an error occurs during processing, processing stops to wait for the next step to be taken by the user. In the Auto Error Clear mode, automatically clear the error after a set amount of time elapses. **Value: Off, On**
Err. Clear Timer	If you select [**On**] for Auto Error Clear, set the amount of time to wait before automatically clearing errors. **Value: 5 to 495 seconds (in 5 second increments)** **NOTE** This function is displayed when [**Auto Err. Clear**] is set to [**On**].
Unusable Time	Set a time period during which the machine will not print received faxes. **FAX Operation Guide**
Ping Timeout	Set the time until timeout occurs when [**Ping**] is executed in "System/Network". **Value: 1 to 30 seconds (in 1 second increments)**

*1 Displayed only when the optional Card Authentication Kit is activated.

Function Defaults

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Function Defaults**] > [**OK**] key

Item		Description
Color Selection	**Copy**	Set the default copying color mode setting. **Value: Full Color, Black & White**
	Send/Store	Select the default color mode for scanning documents. **Value: Full Color, Grayscale, Black & White**
Scan Resolution		Select the default scanning resolution. **Value: 200×100dpi Norm., 200×200dpi Fine, 200×400dpi S.Fin, 300×300dpi, 400×400dpi U.Fin, 600×600dpi**
FAX Resolution		**FAX Operation Guide**
Orig.Image(Copy)		Set the default original document type for copying. **Value: Text+Photo, Photo, Text, Graphic/Map, Printed Document**
Orig.Image(Send)		Set the default original document type for sending. **Value: Text+Photo, Photo, Text, for OCR, Light Text/Line** **NOTE** [for OCR] is only available when "Color Selection" is set to [Black & White].
Zoom		Select the enlarged/reduced default when paper size/sending size changed after the originals set. **Value: 100%, Auto**
Collate		Set the defaults for Collate. **Value: Off, On**
Original Orientation		Set the original orientation defaults. **Value: Top Edge on Top, Top Edge on Left**
Backgrnd(Copy)		Set the default Backgrnd Density (Copy). **Value: Off, Manual (Darker 5)**
Backgrnd(Send)		Set the default Backgrnd Density (Send). **Value: Off, Manual (Darker 5)**
EcoPrint		Select the EcoPrint default. **Value: Off, On**
Skip Blank(Copy)		Set the default Skip Blank(Copy) settings. **Value: Off, On**
Skip Blank(Send)		Set the default Skip Blank(Send) settings. **Value: Off, On**
File Name Entry		Set an automatically entered name (default) for jobs. Additional information such as Date and Job No. can also be set. **Value** **File Name: Up to 32 characters can be entered.** **Additional Info: None, Date, Job No., Job No. + Date, Date + Job No.**
Subject/Body		Set the subject and body automatically entered (default subject and body) when sending the scanned originals by E-mail. **Value** **Subject: Up to 60 characters can be entered.** **Body: Up to 500 characters can be entered.**

Item	Description
Con.scan-Copy	Set the continuous scan (copy) defaults. **Value: Off, On**
Con.scan-FAX	➔ **FAX Operation Guide**
Con.scan-Others	Set the continuous scan (excludes copy) defaults. **Value: Off, On**
File Format	Select the default type of the files to be sent. **Value: PDF, TIFF, XPS, JPEG, OpenXPS, High Comp. PDF**
File Separation	Select the default file separation setting. **Value: Off, Each Page**
JPEG/TIFF Print	Select the image size (resolution) when printing JPEG or TIFF file. **Value: Paper Size, Image Resolution, Print Resolution**
XPS FitTo Page	Set the default value for the XPS fit to page function. **Value: Off, On**
Detail Settings	—
2 in 1 Layout	Set the default for the 2-in-1 layout of Combine copies. **Value: L to R, T to B, R to L, B to T**
4 in 1 Layout	Set the default for the 4-in-1 layout of Combine copies. **Value: Right then Down, Down then Right, Left then Down, Down then Left**
Border Line	Set the default for the border line of Combine copies. **Value: None, Solid Line, Dotted Line, Positioning Mark**
Finish. Binding	Set the default for the binding orientation of finished two-sided copies. **Value: Left/Right, Top**
Image Quality	Select the default PDF/TIFF/JPEG/XPS/OpenXPS file quality. **Value: 1 Low(High Comp) to 5 High(Low Comp)**
Color TIFF Comp.	Select the compression method for sending the color documents in the TIFF format. **Value: TIFF V6, TTN2**
PDF/A	Select the default PDF/A setting. **Value: Off, PDF/A-1a, PDF/A-1b**
High Comp. PDF	Select the default quality setting for high compressed PDF files. **Value: Comp. Priority, Standard, Quality Priority**
Blank Lvl (Copy)	Select the default Blank Detection Level (Copy) settings. **Value: Low, Middle, High**
Blank Lvl (Send)	Select the default Blank Detection Level (Send/Store) settings. **Value: Low, Middle, High**

Login Operation

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Login Operation**] > [**OK**] key

Item	Description
Login Operation	Select the screen to enter the login user name and password when logging in. **Value: Use Numeric Key, Select Character**

RAM Disk Mode

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**RAM Disk Mode**] > [**OK**] key

Item	Description
RAM Disk Mode	A RAM disk can be created and its size can be set. Creating a RAM disk makes it possible to print from a Job Box. **Value** **RAM Disk Mode: Off, On** **RAM Disk Size: The setting range varies depending on the amount of memory installed and the option memory usage setting.** **NOTE** This function will be displayed when the optional memory is installed.

IMPORTANT
After changing the setting, restart the network or turn the machine OFF and then ON.

Format SD Card

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Format SD Card**] > [**OK**] key

Format an SD/SDHC memory card.
A new SD card must be formatted before it can be used in the machine.

IMPORTANT
Formatting will destroy any existing data on a storage device including a used SD card.

Optional Memory

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Optional Memory**] > [**OK**] key

Item	Description
Optional Memory	When optional memory is installed, select the memory allocation scheme based on the application in which you are using the equipment. **Value: Normal, Printer Priority, Copy Priority**

IMPORTANT
After changing the setting, restart the network or turn the machine OFF and then ON.

Disp. Status/Log

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Disp. Status/Log**] > [**OK**] key

Set the display method of the Status/Log.

Item	Description
JobsDetailStatus	**Value: Show All, My Jobs Only, Hide All**
Jobs Log	**Value: Show All, My Jobs Only, Hide All**
FAX Log	**Value: Show All, Hide All**

USB KeyboardType

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**USB KeyboardType**] > [**OK**] key

Item	Description
USB KeyboardType	Select the type of USB keyboard that you want to use. **Value: US, Europe US, France, Germany**

Low Toner Alert

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Low Toner Alert**] > [**OK**] key

Item	Description
Low Toner Alert	Set the amount of remaining toner to notify the administrator when to order a toner when the toner is running low. **Value: Off, On** **NOTE** Selecting [**Off**] alerts you low toner when the amount of remaining toner becomes 5%. If [**On**] is selected, set the amount of remaining toner to alert. The setting range is 5 to 100% (in 1% increments).

ColorToner Empty

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**ColorToner Empty**] > [**OK**] key

Item	Description
ColorToner Empty	Select whether printing is prohibited or the Print in Black and White setting is used for printing once the color toner runs out. **Value: Stop printing, Print in B & W**

Show PowerOffMsg

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**Show PowerOffMsg**] > [**OK**] key

Item	Description
Show PowerOffMsg	Set the mode whether display a confirmation message in power supply off. **Value: Off, On**

EnergySaver Set.

[**System Menu/Counter**] key > [▲] [▼] key > [**Common Settings**] > [**OK**] key > [▲] [▼] key > [**EnergySaver Set.**] > [**OK**] key

Item	Description
Recovery Level	Select the method of recovery from energy saver. **Value**: **Full Recovery:** **This mode enables the use of all functions immediately. However, this mode saves less energy.** **Normal Recovery:** **In this mode, you can select the method from the following: enabling the use of all functions immediately or enabling the use of desired functions only.** **If you want to use all functions immediately, press the power switch to execute recovery.** **Power Saving Recovery:** **This mode enables the use of desired functions only. This mode saves energy most effectively.**

Copy

[**System Menu/Counter**] key > [▲] [▼] key > [**Copy**] > [**OK**] key

Configures settings for copying functions.

Item	Description
Paper Selection	Set the default paper selection. **Value: Auto, Def. PaperSource**
AutoPaperSelect.	If [**Auto**] is selected for Paper Selection, set the paper size selection method when the zoom changes. **Value** **MostSuitableSize: Select paper based on the current zoom and the size of the original.** **Same as OrigSize: Select paper that matches the size of the original, regardless the zoom.**
Auto % Priority	When a paper source of different size from the original is selected, select whether automatic zoom (reduce/zoom) is performed. **Value: Off, On**
DP Read Action	When the document processor is used, select the scanning operation for the document processor. **Value** **Speed Priority: Gives priority to scanning speed.** **Quality Priority: Gives priority to image quality at a slightly slower scan speed.**
Platen Scan Act.	When the platen is used, select the scanning operation for the platen. **Value** **Speed Priority: Gives priority to scanning speed.** **Quality Priority: Gives priority to image quality at a slightly slower scan speed.**
Select Key Set.	Commonly used copying functions can be registered to the Select key. Functions can be easily configured by selecting the Select key. **Value: None, Paper Selection, Collate, Duplex, Zoom, Combine, Original Size, Orig. Orientation, Mixed Size Orig., Original Image, Density, EcoPrint, Continuous Scan, File Name Entry, JobFinish Notice, Print Override, Color Selection, Color Balance, Sharpness, Contrast, Backgrnd Density, Saturation, Skip Blank Page**

Printer

[**System Menu/Counter**] key > [▲] [▼] key > [**Printer**] > [**OK**] key

Printing from computers, settings are generally made on the application software screen. However, the following settings are available for configuring the defaults to customize the machine.

Item	Description
Emulation Set.	Select the emulation for operating this machine by commands oriented to other types of printers. **Value: PCL6, KPDL, KPDL (Auto)** **NOTE** When you have selected [**KPDL**] or [**KPDL (Auto)**], set "KPDL Error Rpt", too.
KPDL Error Rpt	When an error has occurred during printing in KPDL emulation mode, set whether or not the error report is output. **Value: Off, On**
Color Setting	You can choose whether reports are printed in color or black and white. **Value: Color, Black & White**
EcoPrint	EcoPrint conserves toner when printing. This is recommended for test copies where faded printing is not a problem. **Value: Off, On**
Override A4/LTR	Select whether to treat A4 size and Letter, which are similar in size, as the same size when printing. **Value** **Off: A4 and Letter are not regarded as the same in size.** **On: A4 and Letter are regarded as the same in size. The machine will use whichever size is in the paper source.**
Duplex	Select binding orientation for duplex mode. **Value: Off, Bind Long Edge, Bind Short Edge**
Copies	Set the default number of copies, from 1 to 999. **Value: 1 to 999 copies**
Orientation	Set the default orientation, [**Portrait**] or [**Landscape**]. **Value: Portrait, Landscape**
Gloss Mode	Gloss Mode increases the effect of glossiness in printing. However, printing takes longer time. **Value: Off, On** **IMPORTANT** **Gloss Mode is not available when [Labels] or [Transparency] is selected as the paper type setting.** Cassette 1 (2) Set. (Cassette 1 (2) Settings) (page 8-23) MP Tray Set. (Multipurpose Tray Settings) (page 8-23) **Depending on the paper used, printing in gloss mode may cause curl in paper. To reduce curl, try using thicker paper.**
Wide A4	Turn this to on to increase the maximum number of characters that can be printed in a line for an A4 page (78 characters at 10 pitch) and Letter size page (80 characters at 10 pitch). This setting is only effective in PCL6 emulation. **Value: Off, On**

Item	Description
FormFeed TimeOut	Receiving print data from the computer, the machine may sometimes wait if there is no information signaling that the last page does not have any more data to be printed. When the preset timeout passes, the machine automatically prints paper. The options are between 5 and 495 seconds. **Value: 5 to 495 seconds (in 5 second increments)**
LF Action	Set the line feed action when the machine receives the line feed code (character code 0AH). **Value: LF Only, LF and CR, Ignore LF**
CR Action	Set the character return action when the machine receives the character return code (character code 0DH). **Value: CR Only, LF and CR, Ignore CR**
Job Name	Set whether the job name set in the printer driver is displayed. **Value: Off, On** **NOTE** When selecting [**On**], select the job name to be displayed from [**Job Name**], [**Job No.+Job Name**], or [**Job Name+Job No.**].
User Name	Set whether the user name set in the printer driver is displayed. **Value: Off, On**
MP Tray Priority	If paper is set in the multipurpose tray then it is possible for priority to be given to that multipurpose tray in the paper feed. **Value** **Off: The printer driver settings are followed.** **Auto Feed: If Auto is selected in the printer driver and there is paper in the multipurpose tray then the paper feed will be from the multipurpose tray.** **Always: If there is paper in the multipurpose tray then the paper feed will be from the multipurpose tray regardless of what is set in the printer driver.**
Paper Feed Mode	While printing from the computer, select how to feed paper when the paper source and type are specified. **Value** **Auto: Search the paper source that matches the selected paper size and type.** **Fixed: Print on paper loaded in the specified paper source.**
Auto Cass.Change	Select the following actions when the paper runs out in the paper source while printing. **Value: Off, On** **NOTE** When selecting [**Off**], the machine displays "Load paper in cassette #." (# is a cassette number) or "Load paper in MP Tray", and stops printing. Load the paper according to the paper source displayed to resume printing. To print from the other paper source, select [**Paper**]. Select the desired paper source, and then select the [**OK**] key. When selecting [**On**], the machine continues printing automatically when the other cassette contains the same paper as the currently-used cassette.
Resolution	Set the resolution used for printing. **Value: 600 dpi, 1200 dpi** **NOTE** Settings that are received from the printer driver have priority over the operation panel settings.

Send

[**System Menu/Counter**] key > [▲] [▼] key > [**Send**] > [**OK**] key

Configures settings for sending functions.

Item		Description
Select Key Set.		Commonly used sending functions can be registered to the Select key. Functions can be easily configured by selecting the Select key. **Value: None, Color Selection, Original Size, Original Image, Scan Resolution, Sending Size, Zoom, Orig. Orientation, Mixed Size Orig., Continuous Scan, File Format, File Name Entry, Subject/Body, JobFinish Notice, FAX Resolution, FAX Direct TX, FAX Delayed TX, FAX RX Polling, FAX TX Report, Density, FTP Encrypted TX, File Separation, Sharpness, Contrast, Backgrnd Density, Skip Blank Page**
DestinationCheck		Set the confirmation of destinations. *1
	Check beforeSend	Select whether to display the confirmation screen of destinations after pressing the [**Start**] key when performing sending jobs. **Value: Off, On**
	Check New Dest.	When adding new destination, select whether to display the entry check screen to check the entered destination. **Value: Off, On**
New Dest. Entry		Select whether to permit direct entry of destination.*1 **Value: Permit, Prohibit**
Recall Dest.		Select whether to permit usage of [**Recall**] on the Send screen.*1 **Value: Permit, Prohibit**
Default Screen		Use this procedure to set the default screen displayed when you select the [**Send**] key. **Value: Destination, Address Book**
Send and Forward		Set whether to send the original to another destination and store it when sending images.
	Forward	Set the rule to send the original. **Value: Off, On** **NOTE** When selecting [**On**], select rules to forward from [**E-mail**], [**Folder (SMB)**], [**Folder (FTP)**] and [**FAX**].
	Destination	Set the destination to which the original is forwarded. One destination can be set. You can check and edit the set address. Follow the steps below to register the destination. • Address Book • Address Entry ➔ Specifying Destination (page 5-28)

*1 Also applies when sending the fax.

FAX

[**System Menu/Counter**] key > [▲] [▼] key > [**FAX**] > [**OK**] key

Configure settings for FAX.

➔ **FAX Operation Guide**

Document Box

[**System Menu/Counter**] key > [▲] [▼] key > [**Document Box**] > [**OK**] key

Configures settings related to the Job Box, Sub Address Box and Polling Box.

Item		Description
Sub Address Box		➔ **FAX Operation Guide**
Job Box		Configure settings for Job Box.
	Quick Copy Jobs	To maintain free space on the box, you can set the maximum number of stored jobs. **Value: number between 0 and 300** **NOTE** When 0 is set, Quick Copy cannot be used.
	JobRet. Deletion	This setting specifies that documents, such as Private Printing, Quick Copying, or Proof and Hold Printing, saved temporarily in the job box are automatically deleted after they have been saved for a set time. **Value: Off, 1 hour, 4 hours, 1 day, 1 week** **NOTE** This function is valid for documents saved after the function is set. Regardless of this function setting, temporary documents are deleted when the power switch is turned off.
Polling Box		➔ **FAX Operation Guide**
Select Key Set.		Commonly used printing and storing functions can be registered to the Select key. Functions used when printing and when saving can both be registered. Functions can be easily configured by selecting the Select key. **Value** **Print: None, Collate, Paper Selection, Duplex, EcoPrint, File Name Entry, JobFinish Notice, Print Override, Color Selection*1, Encrypted PDF*1, JPEG/TIFF Print*1, XPS FitTo Page*1, Del. after Print*2** **Store: None, Color Selection*3, Original Size, Original Image, Scan Resolution, Storing Size*3, Zoom*3, Orig. Orientation, Mixed Size Org., Continuous Scan, File Format*3, File Separation*3, File Name Entry, JobFinish Notice, Density, Sharpness*3, Contrast*3, Backgrnd Density*3, Skip Blank Page**

*1 Only displayed when printing from USB memory.
*2 Only displayed when printing from Sub Address Box.
*3 Not displayed when saving to Polling Box.

Edit Destination

Address Book

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**Address Book**] > [**OK**] key

Configure settings for address book.

➔ Adding a Destination (Address Book) (page 3-20)

Print List

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**Print List**] > [**OK**] key

➔ **FAX Operation Guide**

AddBookDefaults

[**System Menu/Counter**] key > [▲] [▼] key > [**Edit Destination**] > [**OK**] key > [▲] [▼] key > [**AddBookDefaults**] > [**OK**] key

NOTE

This function does not appear when the External Address Book is not set.

Item	Description
Address Book	Set the type of address book that appears when the address book is displayed. **Value: Machine AddrBook, Ext Address Book**

Adjust/Maint.

[**System Menu/Counter**] key > [▲] [▼] key > [**Adjust/Maint.**] > [**OK**] key

Adjust printing quality and conduct machine maintenance.

Item	Description
Copy Denst. Adj.	Adjust copy density. **Value: -3 Lighter, -2, -1, 0 Normal, +1, +2, +3 Darker**
Send/Box Density	Adjust scan density when sending or storing the data in Document Box. **Value: -3 Lighter, -2, -1, 0 Normal, +1, +2, +3 Darker**
Contrast (Copy)	Increases or decreases the overall contrast of copies. **Value: -3, -2, -1, 0, 1, 2, 3**
Contrast (Send)	Increases or decreases the overall contrast when documents are sent or saved in a document box. **Value: -3, -2, -1, 0, 1, 2, 3**
ColorCalibration	This machine contains a calibration function that automatically makes adjustments to compensate for changes that occur over time due to variations in the ambient temperature and humidity. This function can be used for fine adjustment of tone and color drift to print in the optimum color. ➡ ColorCalibration (page 10-27) If color tone does not improve or color drift does not improve after executing this color adjustment, refer to the following: ➡ Color Regist. (page 10-28)
Color Regist.	When first installing the machine or moving it to a new location, color drift during printing may occur. Use this function to correct the color position of each of cyan, magenta and yellow to resolve color drift. ➡ Color Regist. (page 10-28)
Correct. Bk Line	Correct fine lines (streaks caused by contamination), which may appear on the image, when the document processor is used. **Value: Off, On**
Service Setting	Settings for machine maintenance and inspection. This menu is primarily used by service technicians to perform maintenance.

9 User Authentication and Accounting (User Login, Job Accounting)

This chapter explains the following topics:

Overview of User Login Administration 9-2
Managing the Job Account from PC 9-2
Enabling User Login Administration 9-3
Setting User Login Administration 9-5
Authentication Security 9-5
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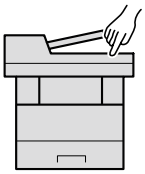
Unknown ID Job 9-38
Registering Information for a User whose ID is Unknown 9-39

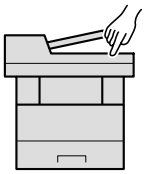
Overview of User Login Administration

User login administration specifies how the user access is administered on this machine. Enter a correct login user name and password for user authentication to login.

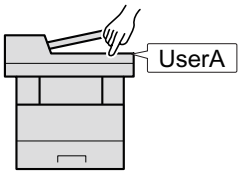
1 Enable User Login Administration (page 9-3)



2 Set the user (page 9-6)



3 Enter the login user name and password and execute the job (page 2-15)



Access are in three levels - "User", "Administrator", and "Machine Administrator". The security levels can be modified only by the "Machine Administrator".

Managing the Job Account from PC

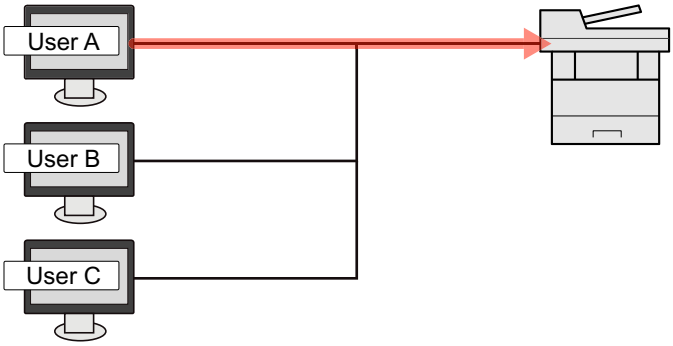
In addition to the above settings, the following are necessary to manage the job account from PC.

To Manage the Users to Print from PCs

Printer driver settings are necessary to manage the users that print on the machine from PCs.

1 Set the User Login Administration on the printer driver (page 9-10)

2 Print



Managing the Users to Use TWAIN for Scanning

TWAIN driver settings on the PC are necessary to manage the users that use TWAIN for scanning.

➔ Managing the Users to Scan Using TWAIN (page 9-11)

Managing the Users to Use WIA for Scanning

WIA driver settings on the PC are necessary to manage the users that use WIA for scanning.

➔ Managing the Users to Scan Using WIA (page 9-12)

Managing the Users to Send Faxes from a PC

FAX driver settings on the PC are necessary to manage the users that send faxes from a PC.

➔ Managing the Users that Send Faxes from a PC (page 9-13)

Enabling User Login Administration

Select one of the following authentication methods:

Item	Descriptions
Local Authentication	User authentication based on user properties on the local user list stored in the machine.
Network Authentication	User authentication based on Authentication Server. Use a user property stored in Authentication Server to access the network authentication login page.

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the settings.

1 [▲] [▼] key > [**User Login**] > [**OK**] key > [▲] [▼] key > [**Local Authentic.**] or [**Netwk Authentic.**] > [**OK**] key

> **NOTE**
> Select [**Off**] to disable user login administration.

When selecting [Netwk Authentic.]

1 [▲] [▼] key > [**NTLM**], [**Kerberos**] or [**Ext.**] > [**OK**] key

2 Enter the host name (64 characters or less) for the Authentication Server and select the [**OK**] key.

3 Select the domain name for the Authentication Server, and select the [**OK**] key.

If the domain has not been set, select the number where "----------" is displayed and select [**Menu**]. Select [**Edit**] and select the [**OK**] key then enter the domain name (in 256 characters or less). Select the [**OK**] key and the domain will be registered.

To edit or delete a domain name that has already been registered, select that domain name and select [**Menu**].

> **NOTE**
> Up to 10 domain names can be registered.

4 When selecting [**Ext.**] as the server type, enter the port number and select the [**OK**] key.

NOTE

If the login user name and password are rejected, check the following settings.

- Network Authentication setting of the machine
- User property of the Authentication Server
- Date and time setting of the machine and the Authentication Server

If you cannot login because of the setting of the machine, login with any administrator registered in the local user list and correct the settings.

Setting User Login Administration

This registers, alters and deletes users and configures the settings for User Login Administration.

Authentication Security

If user authentication is enabled, configure the user authentication settings.

User Account Lockout Setting

You can prohibit the use of a user account if an incorrect password is entered repeatedly to login with that account.

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key > [▲] [▼] key > [**Account Lockout**] > [**OK**] key

2 Configure the settings.

The following settings can be selected.

Item		Descriptions
Lockout		Select whether or not account lockout policy is enabled. **Value: Off, On**
Lockout Policy		Specify the conditions and the extent to which the account lockout is applied.
	Number of Retries	Specify how many login retries are allowed until the account is locked out. **Value: 1 to 10 times**
	Lockout Duration	Specify how long the account is to be locked out until it is unlocked. **Value: 1 to 60 minutes**
	Lockout Target	Specify the extent to which the account lockout is applied. [**Remote Only**] locks out all operations from outside the operation panel. **Value: All, Remote Only**
Locked out Users		Displays a list of locked out users. **To cancel the locks:** Select the [▲] or [▼] key to select the user in the list, and [**Select**]. A checkmark will be placed on the right of the selected user. Select [**Menu**]. Select [**Unlock**] and the [**OK**] key.

Adding a User (Local User List)

This adds a new user. You can add up to 20 users (including the default login user name).

NOTE

By default, one of each default user with machine administrator rights and administrator privileges is already stored. Each user's properties are:

Machine Administrator

User Name: DeviceAdmin

Login User Name: 2100

Login Password: 2100

Access Level: Machine Administrator

Administrator

User Name: Admin

Login User Name: Admin

Login Password: Admin

Access Level: Administrator

* Upper case and lower case letters are distinguished (case sensitive).

It is recommended to periodically change the user name, login user name and login password regularly for your security.

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: 2100

Login Password: 2100

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key > [▲] [▼] key > [**Local User List**] > [**OK**] key > [**Menu**] > [▲] [▼] key > [**Add User**] > [**OK**] key

2 Enter the user information.

1 Enter the name displayed on the user list (up to 32 characters) and select the [**OK**] key.

> **NOTE**
> For details on entering characters, refer to the the following:
> Character Entry Method (page 11-8)

2 Enter the login user name to login (up to 64 characters) and select the [**OK**] key.

> **NOTE**
> The same login user name cannot be registered.

3 To enter detailed user information, select [▲] [▼] key > [**Detail**] > [**OK**] key
To exit the operation, select [▲] [▼] key > [**Exit**] > [**OK**] key

4 Enter the detailed user information.

Select [**Edit**], [**Change**] or [**Detail**] on each item, enter the information and then select the [**OK**] key. Select the [▶] key to view the next screen. Select the [◀] key to return to the previous screen. The table below explains the user information to be registered.

Item	Descriptions
User Name[*1]	Enter the name displayed on the user list (up to 32 characters).
Login User Name[*1]	Enter the login user name to login (up to 64 characters). The same login user name cannot be registered.
Login Password	Enter the password to login (up to 64 characters). Reenter the same password for confirmation and select the [**OK**] key.
Access Level[*1]	Select "Administrator" or "User" for user access privileges.
Account Name	Add an account where the user belongs. The user, who registered his/her account name, can login without entering the account ID. Overview of Job Accounting (page 9-22)
ID Card Information	Register ID card information. Select [**Change**] > [▲] [▼] key > [**Read**] > [**OK**] key. To delete IC card information, select [**Change**] > [▲] [▼] key > [**Delete**] > [**OK**] key. **NOTE** This function is displayed when the optional Card Authentication Kit is activated. Card Authentication Kit(B) "Card Authentication Kit" (page 11-4)

*1 Mandatory at user registration.

3 Select the [OK] key.

A new user is added on the local user list.

Changing User Properties

Types of user properties that could be changed may be different depending on user access privilege.

NOTE

To change the user information of the machine administrator, you must log in with machine administrator authority. You can only view user information if you log in as a regular user.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

For a user with administrator rights who logs in

User properties can be changed and users can be deleted. The items, which can be added, are all able to be changed.

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key > [▲] [▼] key > [**Local User List**] > [**OK**] key

2 Change the user properties.

Changing user properties

1 Select the user whose properties you wish to change, and the [**OK**] key.

2 Refer to step 2 of "Adding a User (Local User List)" to change a user property.

➔ Adding a User (Local User List) (page 9-6)

3 [**OK**] key > [**Yes**]

The user information is changed.

Deleting a user

1 Select the user whose properties you wish to delete, and [**Menu**].

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

The selected user will be deleted.

NOTE

The default user with machine administrator rights cannot be deleted.

To change the user information of logged in user (User Property)

These users can partially change their own user properties including user name and login password.

Although "Login User Name", "Access Level", or "Account Name" cannot be changed, the users can check the present status.

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**User Property**] > [**OK**] key

2 Change the user properties.

1 Refer to step 2 of "Adding a User (Local User List)" to change a user property.

➔ Adding a User (Local User List) (page 9-6)

Item	Description
User Name	Changes the name shown on the user list. Up to 32 characters can be entered.
Login User Name	Displays the login user name that is entered at login.
Login Password	Changes the password that is entered at login. Up to 64 characters can be entered.
Access Level	Displays the user's access level.
Account Name	Displays the account where the user belongs.
ID Card Information	Displays the ID card information of the logged in user. **NOTE** This function is displayed when the optional Card Authentication Kit is activated. ➔ Optional Applications (page 11-6) This function does not appear when the server type is set to [**Ext.**] in Network Authentication, and logged in with the user account certificated in the server specified as the [**Ext.**] server type.

2 [**OK**] key > [**Yes**]

The user information is changed.

User Login Administration for Printing

It is possible to manage the users that print on this machine from a PC.

Setting Printer Driver

To manage the users that print on this machine from a PC, the following settings are necessary in the printer driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], and then [**Devices and Printers**].

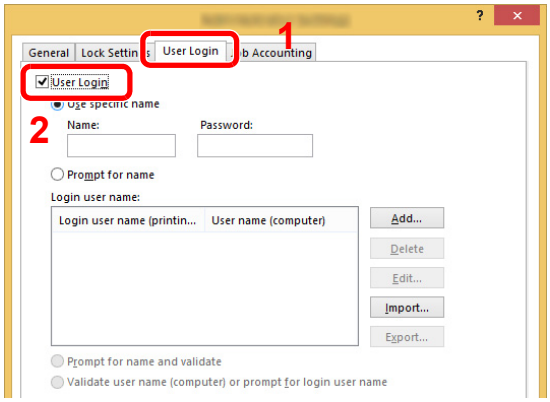
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows, and then click [**Devices and Printers**].

2 Right-click the printer driver icon of the machine, and click the [**Printer properties**] menu of the printer driver.

3 Click [**Administrator**] on the [**Device Settings**] tab.

2 Configure the settings.

1 Select [**User Login**] on the [**User Login**] tab.



2 Set the User Login Administration.

[**Use specific name**]: This option can be used to specify a user name and password to use the same User login for every print job. If this option is selected, the user does not have to type the name and password for each print job.

[**Prompt for name**]: A screen for entering the user name and password will be displayed when attempting a printing. The user name and password must be entered each time a printing is attempted.

[**Prompt for name and validate**]: A screen for entering the user name and password will be displayed when attempting a printing. The user name and password stored in the Login user name list needs to be entered. The user name and password must be entered each time a printing is attempted.

[**Validate user name (computer) or prompt for login user name**]: When printing, the Windows user name is searched in the "Login user names" and printing is possible if the name is registered. If the name is not registered, the printing will be canceled for users with only user authority. If the user has administrator privileges, the screen to enter the user name and password will appear.

3 Click [**OK**].

> **NOTE**
> For other settings of job accounting, refer to the following:
> ➔ **Printer Driver User Guide**

Managing the Users to Scan Using TWAIN

It is possible to manage the users that scan using TWAIN.

Setting TWAIN Driver

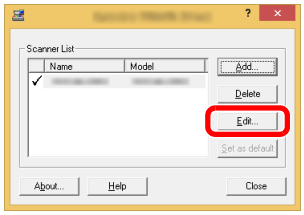
To manage the users that scan using TWAIN, the following settings are necessary in the TWAIN driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Search**] in charms, and enter "TWAIN Driver Setting" in the search box. Click [**TWAIN Driver Setting**] in the search list then the TWAIN Driver Setting screen appears.

> **NOTE**
> In Windows 7, select [**Start**] button on the Windows, [**All Programs**], [**Kyocera**] and then [**TWAIN Driver Setting**].

2 Select the machine, and click [**Edit**].



2 Configure the settings.

1 Click [**User Authentication Settings**].

2 Select the checkbox beside [**Authentication**], and enter Login User Name and Password.

3 Click [**OK**].

Managing the Users to Scan Using WIA

It is possible to manage the users that scan using WIA.

Setting WIA Driver

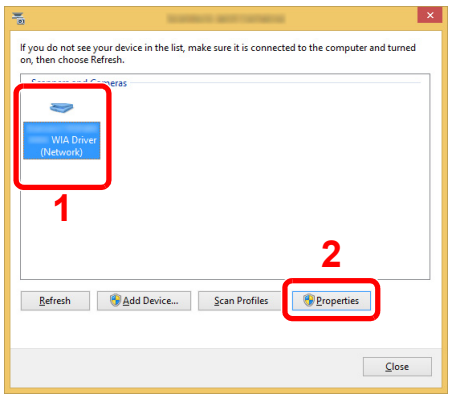
To manage the users that scan using WIA, the following settings are necessary in the WIA driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Click [**Search**] in charms, and enter "Scanner" in the search box. Click [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

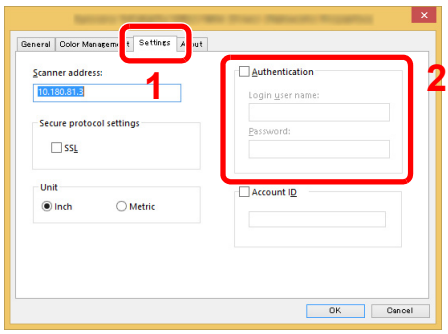
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows and enter [**Scanner**] in [**Program and File Search**]. Click [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

2 Select the same name as this machine from WIA Drivers, and press [**Properties**].



2 Configure the settings.

1 Select the checkbox beside [**Authentication**] on the [**Settings**] tab, and enter Login User Name and Password.



2 Click [**OK**].

Managing the Users that Send Faxes from a PC

It is possible to manage the users that send faxes from a PC.

Setting FAX Driver

To manage the users that send faxes from a PC, the following settings are necessary in the FAX driver. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], and then [**Devices and Printers**].

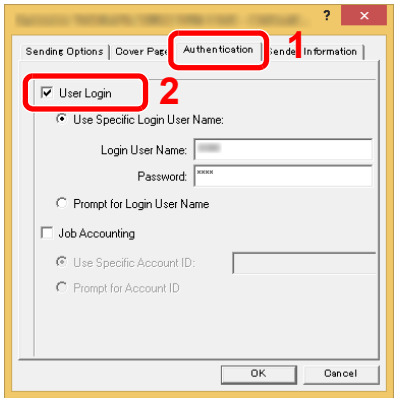
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows, and then click [**Devices and Printers**].

2 Right-click the printer driver icon of the machine, and click the [**Printer properties**] menu of the printer driver.

3 Click [**FAX TX Setting**] on the [**Printing Preferences**] window.

2 Configure the settings.

1 Select [**User Login**] on the [**Authentication**] tab.



2 Set the User Login Administration.

[**Use Specific Login User Name**]: This option can be used to specify a user name and password to use the same User login for every FAX job. If this option is selected, the user does not have to type the name and password for each FAX job.

[**Prompt for Login User Name**]: A screen for entering the user name and password will be displayed when attempting a transmission. The user name and password must be entered each time a transmission is attempted.

3 Click [**OK**].

Group Authorization Settings

Set restrictions of the machine usage by each individual group registered in the authentication server.

NOTE

- To use the group authorization settings, [**Netwk Authentic.**] must be selected for the authentication method in "Enabling User Login Administration". Select "On" for "LDAP" in "Protocol Settings".

Enabling User Login Administration (page 9-3)
ProtocolSettings (page 8-12)

- Setting to use group authorization is performed from the operation panel. The groups should be registered with Command Center RX.

Command Center RX User Guide

Group Authorization

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the setting.

[▲] [▼] key > [**Group Auth.**] > [**OK**] key > [▲] [▼] key > [**Off**] or [**On**] > [**OK**] key

Guest Authorization Set.

When User Login Administration is enabled, set the functions that guest users who cannot log in to the machine are allowed to use.

NOTE

To use Guest Authorization Set., User Login Administration must be enabled in "Enabling User Login Administration".

Enabling User Login Administration (page 9-3)

Enabling Guest Authorization

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key > [▲] [▼] key > [**Guest Auth. Set.**] > [**OK**] key > [▲] [▼] key > [**Guest Auth.**] > [**OK**] key

2 Configure the setting.

[▲] [▼] key > [**On**] or [**Off**] > [**OK**] key

NOTE

If the guest authorization setting is enabled, the [**Authentication/Logout**] key must be selected when logging in.

In the guest user default settings, only monochrome copying can be used. If you wish to use a different function, log in as a user who can use that function, or change the settings in the guest properties.

Configuring Guest Property

Register guest user information and functions that are restricted.

The table below explains the user information to be registered.

Item	Descriptions
User Name	Enter the name displayed on the user list (up to 32 characters). The default setting is "Guest User".
Access Level	The authority of the user appears. This cannot be changed.
Account Name	Add an account where the user belongs.
Auth. Rules	Set usage authority for each user. The items you can restrict the access level with are as follows. **Print Restrict: Printer** Select whether or not use of the print function of the printer is prohibited. **Print Restrict: Printer (Full Color)** Select whether or not use of the print function (color) of the printer is prohibited. **Print Restrict: Copy** Select whether or not use of the copy print function is prohibited. **Print Restrict: Copy (Full Color)** Select whether or not use of the copy print function (full color) is prohibited. **Duplex Restrict** Select whether only duplex printing is allowed. **Combine Restrict** Specify whether only Combine is allowed. **EcoPrint Restr.** Specify whether only EcoPrint is allowed. **Send Restrict** Select whether or not use of the send function is prohibited. **FAX Restrict.** Select whether or not use of the fax send function is prohibited. **Storing in Box:** Select whether or not use of the box store function is prohibited. **StoringinMemory:** Select whether or not use of the removable memory store function is prohibited.

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the settings.

1 [▲] [▼] key > [**Guest Auth. Set.**] > [**OK**] key > [▲] [▼] key > [**Guest Property**] > [**OK**] key

2 Register guest user information and functions that are restricted.

Select [**Edit**], [**Change**] or [**Detail**] on each item, enter the information and then select the [**OK**] key. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

3 Select the [OK] key.

Obtain NW User Property

Set the required information to obtain the network user property from the LDAP server. The user name obtained with this setting is shown in the user information, the status confirmation screen, and the header of E-mail.

NOTE

- To obtain the network user property from the LDAP server, [**Netwk Authentic.**] must be selected for the authentication method in "Enabling User Login Administration". Select "On" for "LDAP" in "ProtocolSettings".

Enabling User Login Administration (page 9-3)
ProtocolSettings (page 8-12)

- Setting to obtain network user information is performed from the operation panel. The details of the information to be obtained should be set with Command Center RX.

Command Center RX User Guide

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**NW User Property**] > [**OK**] key > [▲] [▼] key > [**Off**] or [**On**] > [**OK**] key

ID Card Settings

If ID card authentication is enabled, select the authentication type.

NOTE

This functions appears when the Card Authentication Kit is activated.

Optional Applications (page 11-6)

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**ID Card Settings**] > [**OK**] key

The following settings can be selected.

Item	Descriptions
Key Login	When ID card authentication is enabled, select whether or not login by keyboard is allowed. **Value: Permit, Prohibit**
Additional Auth.[*1]	Select whether or not to require password entry after authenticating by ID card. **Value: Off, Use Password, Use PIN Code**[*2]

*1 This function does not appear when the server type is set to [**NTLM**] or [**Kerberos**] in "Network Authentication".

*2 This function appear when [**Network Authentication**] is selected for the authentication method and the server type is set to [**Ext.**] in "Network Authentication".

PIN Login Settings

NOTE

This setting is only displayed when [**Network Authentication**] must be selected for the authentication method and the server type is set to [**Ext.**] in "Network Authentication".

Enabling User Login Administration (page 9-3)

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**User Login Set.**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**PIN Login**] > [**OK**] key > [▲] [▼] key > Select [**Off**] or [**On**] > [**OK**] key

Using User Login Administration

This section explains procedures while setting job accounting.

Login/Logout

If user login administration is enabled, the login user name and login password entry screen appears each time you use this machine.

Login

If the login user name entry screen appears during operations, log in by referring to the following:

Login (page 2-15)

Logout

When the operations are complete, select the [**Authentication/Logout**] key to return to the login user name and login password entry screen.

Overview of Job Accounting

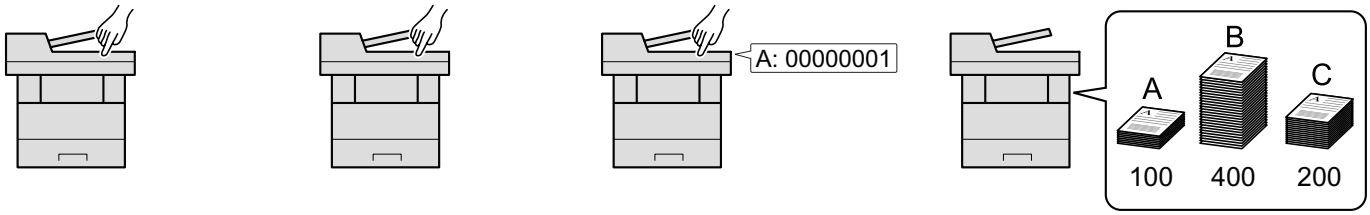
Job accounting manages the copy/print/scan/FAX count accumulated by individual accounts by assigning an ID to each account.

1 Enable job accounting. (page 9-23)

2 Setting an account. (page 9-25)

3 Enter the assigned account ID when performing the job. (page 9-37)

4 Count the number of pages copied, printed, scanned and faxed.



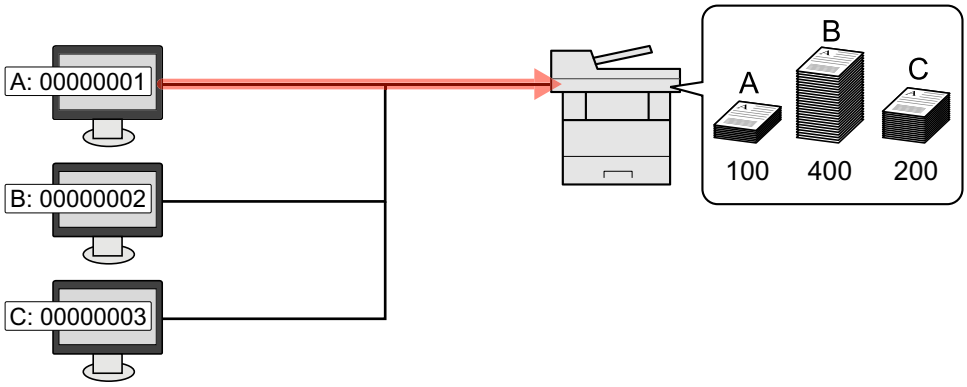
To Manage the Number of Sheets Used on Jobs Printed from a PC

To manage the number of jobs to be printed from the PC on the network, you need to configure settings by using the printer driver on the PC.

1 Set Job Accounting for the PC on the network by using the printer driver. (page 9-30)

2 Execute printing.

3 Count the number of pages printed.



Managing the Scan Job Account by Using TWAIN

To manage the scan job account by using TWAIN, you need to configure the TWAIN driver settings on the computer connected to the machine.

➔ Job Accounting for Scan Using TWAIN (page 9-31)

Managing the Scan Job Account by Using WIA

To manage the scan job account by using WIA, you need to configure the WIA driver settings on the computer connected to the machine.

➔ Job Accounting for Scan Using WIA (page 9-32)

Managing the FAX Job Transmitted from a PC

To manage the number of FAX jobs transmitted from the PC, you need to configure the settings by using the FAX Driver on the PC.

➔ Job Accounting for the FAX Transmitted from a Computer (page 9-33)

Enabling Job Accounting

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**Job Accounting**] > [**OK**] key > [▲] [▼] key > [**On**] > [**OK**] key

> **NOTE**
> - To disable job accounting, select [**Off**].
> - When the display returns to System Menu default screen, logout is automatically executed and the screen to enter the Account ID appears. To continue the operation, enter the Account ID.

Job Accounting Access

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**AccountingAccess**] > [**OK**] key > [▲] [▼] key > [**Local**] or [**Network**] > [**OK**] key

Setting an Account

You can add, change and delete an account and set the restriction for each account.

Adding an Account

Up to 20 individual accounts can be added. The following entries are required.

Item	Descriptions
Account Name	Enter the account name (up to 32 characters).
Account ID	Enter the account ID as many as eight digits (between 0 and 99999999).
Restriction	This prohibits printing/scanning or restricts the number of sheets to load. ➔ Restricting the Use of the Machine (page 9-27)

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key > [▲] [▼] key > [**Account. List**] > [**OK**] key > [**Menu**] > [▲] [▼] key > [**Add Account**] > [**OK**] key

2 Enter the account information.

1 Enter the account name > [**OK**] key

> **NOTE**
> For details on entering characters, refer to the the following:
>
> ➔ Character Entry Method (page 11-8)

2 Enter the account ID > [**OK**] key

> **NOTE**
> Any "Account ID" that has already registered cannot be used. Enter any other account ID.

3 To apply restriction to the account ID, select [▲] [▼] key > [**Detail**] > [**OK**] key.

To exit the operation, select [▲] [▼] key > [**Exit**] > [**OK**] key.

4 Check the account name and account ID and set the use restrictions.

To change the details, select [**Edit**], enter the information and then select the [**OK**] key. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

➡ Restricting the Use of the Machine (page 9-27)

5 Select the [**OK**] key.

A new account is added on the account list.

Restricting the Use of the Machine

This section explains how to restrict the use of the machine by account or the number of sheets available.

The items that can be restricted differ depending on whether "Individual" or "Total" is selected for "Copy/Print Count".

Copy/Print Count (page 9-34)

Restriction Items

"Individual" selected for Copy/Printer Count"Split" selected for Copy/Printer Count

Item	Descriptions
Print Restrict Copy (Total)	Limits the number of sheets used for copying.
Print Restrict Copy (Full Color)	Limits the number of pages used for full-color copying.
Print Restrict Printer (Total)	Limits the number of sheets used for printing.
Print Restrict Printer (Full Color)	Limits the number of pages used for color printing.
Scan Restrict. Others	Limits the number of sheets scanned (excludes copying).
FAX TX Restrict	Limits the number of sheets sent by fax.

"Total" selected for Copy/Printer Count

Item	Descriptions
Print Restrict Total	Limits the total number of sheets used for copying and printing.
Print Restrict Full Color	Limits the number of pages used for full-color printing.
Scan Restrict. Others	Limits the number of sheets scanned (excludes copying).
FAX TX Restrict	Limits the number of sheets sent by fax.

Applying Restriction

Item	Descriptions
Off	No restriction is applied.
Counter Limit[*1]	Restricts the print counter in one-page increments up to 9,999,999 copies.
Reject Usage	Restriction is applied.

*1 If [**Counter Limit**] is selected, the [**Limit Pages**] screen appears after the [**OK**] key is selected. Enter a counter limit on pages using the numeric keys, and select the [**OK**] key.

Editing an Account

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key > [▲] [▼] key > [**Account. List**] > [**OK**] key

2 Edit an account.

1 Select the account you want to change and select the [**OK**] key.

> **NOTE**
> The account information can be changed by selecting [**Menu**], selecting [**Detail/Edit**] and then selecting the [**OK**] key.

2 Refer to step 2 of "Adding an Account" and "Restricting the Use of the Machine" to change account information.

➔ Adding an Account (page 9-25)
Restricting the Use of the Machine (page 9-27)

3 [**OK**] key > [**Yes**]

The account information is changed.

Deleting an Account

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key > [▲] [▼] key > [**Account. List**] > [**OK**] key

2 Delete an account.

1 Select the account you want to delete and [**Menu**].

2 [▲] [▼] key > [**Delete**] > [**OK**] key > [**Yes**]

The account is deleted.

Job Accounting for Printing

The number of jobs to be printed from the computer can be managed by Job Accounting.

Setting Printer Driver

To manage the number of jobs to be printed from the PC on the network, you need configure the following settings by using the printer driver on the PC. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], and then [**Devices and Printers**].

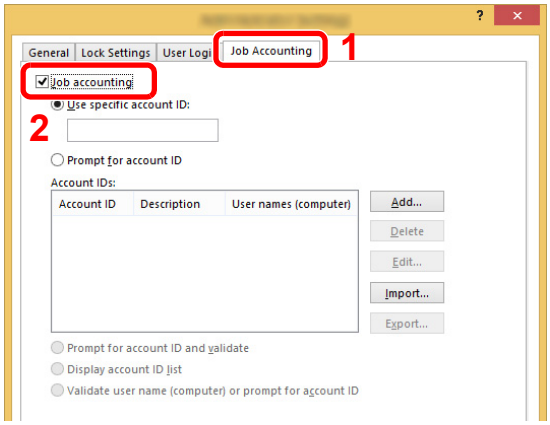
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows, and then click [**Devices and Printers**].

2 Right-click the printer driver icon of the machine, and click the [**Printer properties**] menu of the printer driver.

3 Click [**Administrator**] on the [**Device Settings**] tab.

2 Configure the settings.

1 Select [**Job accounting**] on the [**Job Accounting**] tab.



2 Set the Account ID.

[**Use specific account ID**]: Enter the Account ID. Printing will be performed using the entered Account ID. If this option is selected, the user does not have to enter the Account ID for each print job.

[**Prompt for account ID**]: A screen for entering the Account ID will be displayed when attempting a printing. The Account ID must be entered each time a printing is attempted.

[**Prompt for account ID and validate**]: A screen for entering the Account ID will be displayed when attempting a printing. The Account ID stored in the Account ID list needs to be entered. The Account ID must be entered each time a printing is attempted.

[**Display account ID list**]: The Account ID list is displayed when printing. The Account ID to be used needs to be selected from the list.

[**Validate user name (computer) or prompt for account ID**]: When printing, the Windows user name is searched in the "Account IDs" and printing is possible if the name is registered. If the Account ID is not registered, the screen for entering the Account ID will appear.

3 Click [**OK**].

> **NOTE**
> For other settings of job accounting, refer to the following:
> → **Printer Driver User Guide**

Job Accounting for Scan Using TWAIN

The number of jobs scanned by using TWAIN can be managed by Job Accounting.

Setting TWAIN Driver

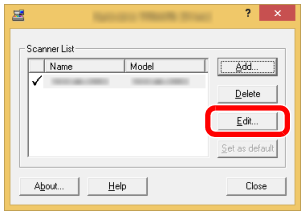
To manage the number of jobs scanned by using TWAIN, you need to configure the following settings by using the TWAIN Driver on the computer. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Search**] in charms, and enter "TWAIN Driver Setting" in the search box. Click [**TWAIN Driver Setting**] in the search list then the TWAIN Driver Setting screen appears.

> **NOTE**
> In Windows 7, select [**Start**] button on the Windows, [**All Programs**], [**Kyocera**] and then [**TWAIN Driver Setting**].

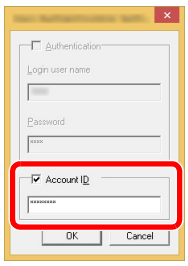
2 Select the machine, click [**Edit**].



2 Configure the settings.

1 Click [**User Authentication Settings**].

2 Select the checkbox beside [**Account**], and enter the account ID.



3 Click [**OK**].

Job Accounting for Scan Using WIA

The number of jobs scanned by using WIA can be managed by Job Accounting.

Setting WIA Driver

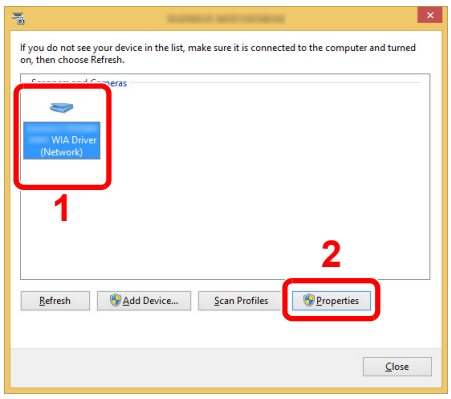
To manage the number of jobs scanned by using WIA, you need to configure the following settings by using the WIA Driver on the computer. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Click [**Search**] in charms, and enter "Scanner" in the search box. Click [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

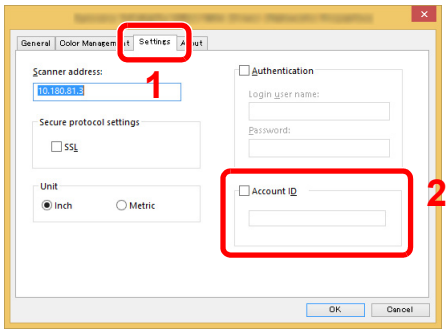
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows and enter [**Scanner**] in [**Program and File Search**]. Click [**View scanners and cameras**] in the search list then the Scanners and Cameras screen appears.

2 Select the same name as this machine from WIA Drivers, and press [**Properties**].



2 Configure WIA Driver.

1 Select the checkbox beside [**Account ID**] on the [**Settings**] tab, and enter the Account ID.



2 Click [**OK**].

Job Accounting for the FAX Transmitted from a Computer

The number of FAX jobs transmitted from the computer can be managed by Job Accounting.

Setting FAX Driver

To manage the number of FAX jobs transmitted from the computer, you need to configure the following settings by using the FAX Driver on the computer. Instructions are based on interface elements as they appear in Windows 8.1.

1 Display the screen.

1 Select [**Settings**] in charms on Desktop, and select [**Control Panel**], and then [**Devices and Printers**].

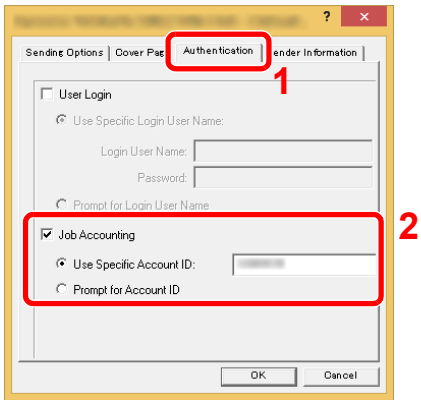
> **NOTE**
> In Windows 7, click [**Start**] button on the Windows, and then click [**Devices and Printers**].

2 Right click the name of the machine to be used as the FAX Driver and select [**Printing preferences**] from the resulting pull-down menu.

3 Click [**FAX TX Setting**] in the [**Printing Preferences**] window.

2 Configure the settings.

1 Select [**Job Accounting**] on the [**Authentication**] tab.



2 Set the Job Accounting.

[**Use Specific Account ID**]: This option can be used to specify an account ID to use the same Account ID for every FAX job. If this option is selected, the user does not have to enter the Account ID for each FAX job.

[**Prompt for Account ID**]: A screen for entering the Account ID will be displayed when attempting a transmission. The Account ID must be entered each time a transmission is attempted.

3 Click [**OK**].

Configuring Job Accounting

Default Setting

Set the defaults for job accounting. To configure the settings, select the item in Default Setting and select the setting item.

[**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key > [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key > [▲] [▼] key > [**Default Setting**] > [**OK**] key

For details on each function, see the table below.

Item	Description
Apply Limit	This specifies how the machine behaves when the counter has reached the limit of restriction. The table below describes the action taken. **Value** **Immediately: Job stops when the counter reaches its limit. The next job will be prohibited in sending or in storing in the box.** **Subsequently: Printing/scanning of the job continues but the subsequent job will be rejected.** **Alert Only: Job continues while displaying an alert message.**
Copy/Print Count	You can select how the copying and printing page counts are shown - either the total of both or each of copying and printing individually (Split). The selection may influence restriction on the count and count method. **Value: Total, Individual** ➔ Restricting the Use of the Machine (page 9-27) Print Accounting Report (page 9-36)
Counter Limit	When you add a new account, you can change the default restrictions on the number of sheets used. You can set any number from 1 to 9,999,999. The items that can be set differ depending on whether [**Individual**] or [**Total**] is selected for [**Copy/Print Count**]. ➔ Copy/Print Count (page 9-34)
[Split] selected for Copy/Printer Count	
Copy (Total)	Sets the default restriction on the number of sheets used for copying.
Copy (Full Color)	Sets the default restriction on the number of sheets used for full-color copying.
Printer (Total)	Sets the default restriction on the number of sheets used for printing.
Print. (Full Col.)	Sets the default restriction on the number of sheets used for color printing.
Scan (Others)	Sets the default restriction on the number of sheets used for scanning (excludes copying).
FAX TX	Sets the default restriction on the number of sheets used for sending faxes.
[Total] selected for Copy/Printer Count	
Print (Total)	Sets the default restriction on the total number of sheets used for copying and printing.
Print (Full Col.)	Sets the default restriction on the number of sheets used for full-color printing.
Scan (Others)	Sets the default restriction on the number of sheets used for scanning (excludes copying).
FAX TX	Sets the default restriction on the number of sheets used for sending faxes.

Counting the Number of Pages Printed

Counts are classified into Total Job Accounting and Each Job Accounting. A new count can also be started after resetting the count data which was stored for a certain period of time.

[**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key > [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key > [▲] [▼] key > [**Total Accounting**] or [**Each Job Account**] > [**OK**] key

Total Accounting

This counts the number of pages for all accounts and resets the counts for those accounts together at the same time.

Each Job Account

This counts the number of pages for each account and resets the counts by account. When checking Each Job Accounting, select the account for which you want to check the count.

Types of the counts are as follows.

Item		Descriptions
Printed Pages		Displays the number of pages copied and printed, and the total number of pages used. You can also use [**FAX RX Pages**], [**Duplex Pages**] and [**Combine Pages**] to check the number of pages used.
	Copy/Print Pages	Displays the number of pages copied and printed, and the total number of pages used. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.
	FAX RX Pages	Displays the number of pages received.
	Total PrintPages	Displays the total number of pages used for copying and printing.
	Duplex Pages	Displays the number of pages printed in [**1-Sided**] mode, [**2-Sided**] mode, and the total pages in both modes. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.
	Combine Pages	Displays the number of pages printed in [**None**] (no Combine) mode, [**2 in 1**] mode, [**4 in 1**] mode, and the total pages in both modes. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.
Scanned Pages		Displays the number of pages scanned for copying, faxing and other functions, as well as the total number of pages scanned. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.
FAX TX Pages		Displays the number of pages faxed.
FAX TX Time		Displays the total duration of FAX transmissions.
Counter Reset		Resets the counter. Select [**Yes**] in the confirmation screen.

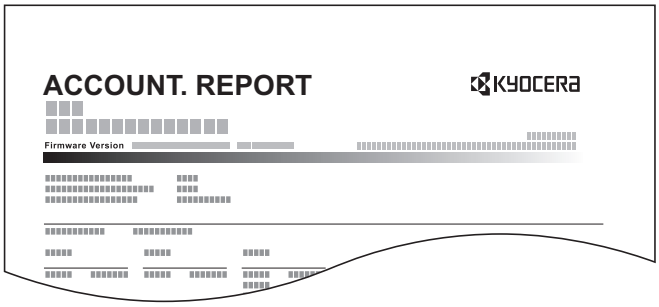
To check other items, select the [**OK**] key to return to the screen one level higher.

Print Accounting Report

The total pages counted of all relevant accounts can be printed as an accounting report.

Reports have different formats depending on how the count of copiers and printers is administered.

When "Individual" is selected for Managing the Copy/Printer Count.



1 Prepare paper.

Check that A4 or Letter paper is loaded in the cassette.

2 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Job Account.Set.**] > [**OK**] key

3 Print the report.

[▲] [▼] key > [**Account. Report**] > [**OK**] key > [**Yes**]

Accounting report is printed.

Using Job Accounting

This section explains procedures while setting job accounting.

Login/Logout

If job accounting is enabled, an account ID entry screen appears each time you use this machine.

Login

When the screen for entry of account codes on the machine appears, perform the following.

1 **Enter the account ID using the numeric keys > [OK] key**

NOTE

- If you entered a wrong character, select the [**Clear**] key and enter the account ID again.
- If the entered account ID does not match the registered ID, a warning beep will sound and login will fail. Enter the correct account ID.
- By selecting [**Counter**], you can refer to the number of pages printed and the number of pages scanned.

When the screen to enter the login user name and password appears

If user login administration is enabled, the screen to enter the login user name and password appears. Enter a login user name and password to login. If the user has already registered the account information, the account ID entry would be skipped.

Adding a User (Local User List) (page 9-6)

2 **Proceed to complete the rest of the steps.**

Logout

When the operations are complete, select the [**Authentication/Logout**] key to return to the account ID entry screen.

Unknown User Settings

Unknown ID Job

This specifies the behavior for handling the jobs sent with unknown or unsent login user names or User ID. If the User Login is set to invalid and Job Accounting is set to valid, follow the procedure when the Account ID is unknown.

The setting items are as follows.

Item	Descriptions
Permit	The job is permitted to be printed.
Reject	The job is rejected (not printed).

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Unknown User**] key > [**OK**] key

2 Configure the settings.

[▲] [▼] key > [**Unknown ID Job**] > [**OK**] key > [▲] [▼] key > [**Reject**] or [**Permit**] > [**OK**] key

Registering Information for a User whose ID is Unknown

If you register user information for a user whose ID is unknown, you can check information on the Job Status or Job History screens. In addition, you can restrict available functions.

NOTE

This functions appears when [**Unknown ID Job**] is set to [**Permit**].

Unknown ID Job (page 9-38)

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**User/Job Account**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**Unknown User**] > [**OK**] key > [▲] [▼] key > [**User Property**] > [**OK**] key

2 Enter the user information.

The table below explains the user information to be registered.

Item	Descriptions
User Name	Enter the name displayed on the user list (up to 32 characters). **NOTE** This is displayed when user login administration is enabled.
Account Name	Add an account where the user belongs. Overview of Job Accounting (page 9-22) **NOTE** This is displayed when job accounting is enabled.
Auth. Rules	Set usage authority. Select [**Detail**], select [**Edit**] for each item, change the limits, and select the [**OK**] key. Select the [►] key to view the next screen. Select the [►] key to return to the previous screen. The following restriction items are available: **Print Restriction:** Select whether or not use of the print function of the printer is prohibited. **Print Restriction (Color):** Select whether or not use of the print function (color) of the printer is prohibited.

10 Troubleshooting

This chapter explains the following topics:

Regular Maintenance 10-2
- Cleaning 10-2
- Cleaning Glass Platen 10-2
- Cleaning Slit Glass 10-3
- Cleaning Paper Transfer Unit 10-4
- Toner Container Replacement 10-5
- Loading Paper 10-8

Troubleshooting 10-9
- Solving Malfunctions 10-9
- Machine Operation Trouble 10-9
- Printed Image Trouble 10-12
- Color printing trouble 10-15
- Responding to Messages 10-16

Adjustment/Maintenance 10-27
- Overview of Adjustment/Maintenance 10-27
- ColorCalibration 10-27
- Color Regist. 10-28

Clearing Paper Jams 10-32
- Jam Location Indicators 10-32
- Remove any jammed paper in Cassette 1 10-33
- Remove any jammed paper in Cassette 2 10-34
- Remove any jammed paper in the Multipurpose Tray 10-36
- Remove any jammed paper in Rear Cover 1 10-39
- Remove any jammed paper in the Document Processor 10-42

Regular Maintenance

Cleaning

Clean the machine regularly to ensure optimum printing quality.

CAUTION

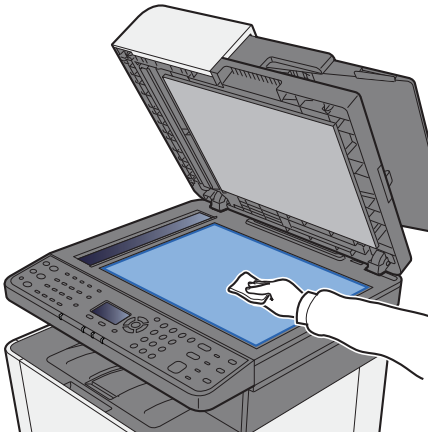
For safety, always unplug the power cord before cleaning the machine.

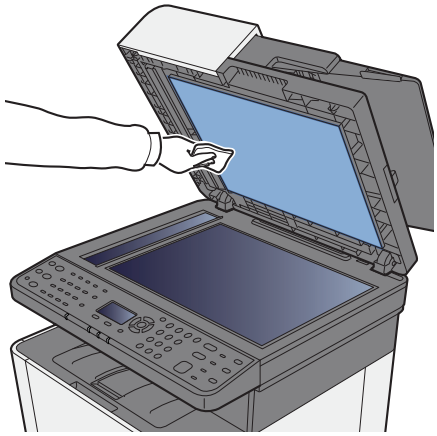
Cleaning Glass Platen

Wipe the inside of the document processor and the glass platen with a soft cloth dampened with alcohol or mild detergent.

IMPORTANT

Do not use thinner or other organic solvents.





Cleaning Slit Glass

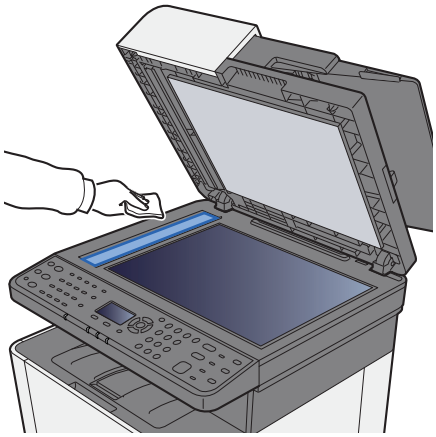
When using the document processor, clean the slit glass surface and the reading guide with the dry cloth.

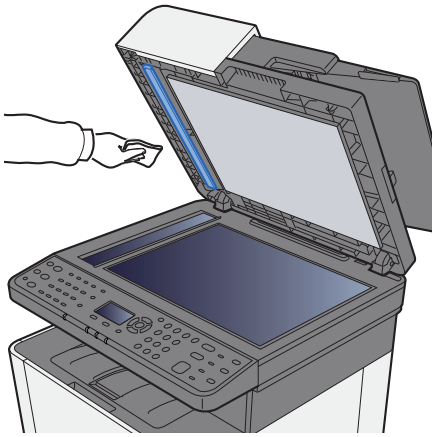
IMPORTANT

Do not use water, soap or solvents for cleaning.

NOTE

Dirt on the slit glass or the reading guide may cause black streaks to appear in the output.



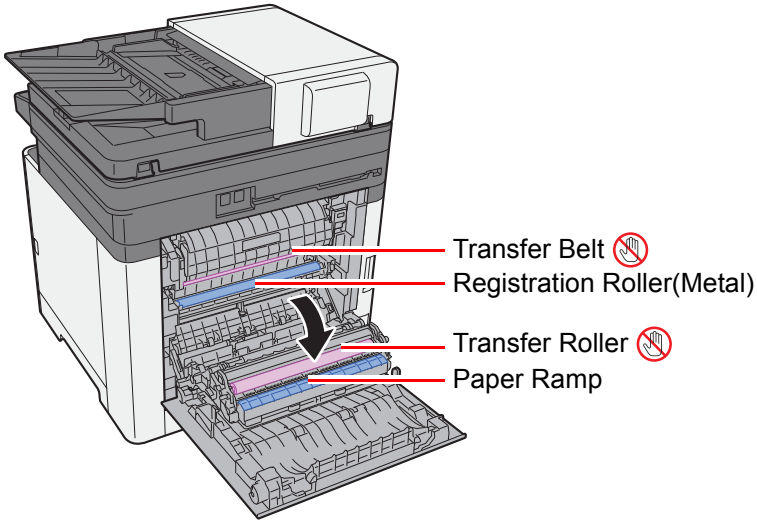


Cleaning Paper Transfer Unit

The paper transfer unit should be cleaned each time the toner container is replaced. To maintain optimum print quality, it is also recommended that the inside of the machine be cleaned once a month as well as when the toner container is replaced.
Print problems such as soiling of the reverse side of printed pages may occur if the paper transfer unit becomes dirty.

CAUTION

Some parts are very hot inside the machine. Exercise caution as there is a risk of burn injury.



Wipe away the paper dust on the registration roller and the paper ramp using the cloth.

IMPORTANT

Be careful not to touch the transfer roller and transfer belt during cleaning as this may adversely affect print quality.

Toner Container Replacement

When toner is empty, the following message will be displayed.

"Replace [C][M][Y][K] toner."

When toner runs low, the following message will be displayed. Make sure you have a new toner container available for replacement.

"Toner is low. (Replace when empty.)"

Frequency of Toner Container Replacement

The life of the toner containers depends on the amount of toner required to accomplish your printing jobs. According to ISO/IEC 19798 and EcoPrint switched off the toner container can print as follows (A4/Letter paper is assumed):
There are 2 types of toner containers with different amounts of toner.

Toner Color	Life of the Toner Container (Printable pages)
Black	1,200 images / 2,600 images
Cyan	1,200 images / 2,200 images
Magenta	1,200 images / 2,200 images
Yellow	1,200 images / 2,200 images

NOTE

- The average number of pages that can be printed with each of the toner containers provided with the machine is 1,200 pages.
- To maintain quality, we recommend using genuine Kyocera toner containers, which must pass numerous quality inspections.

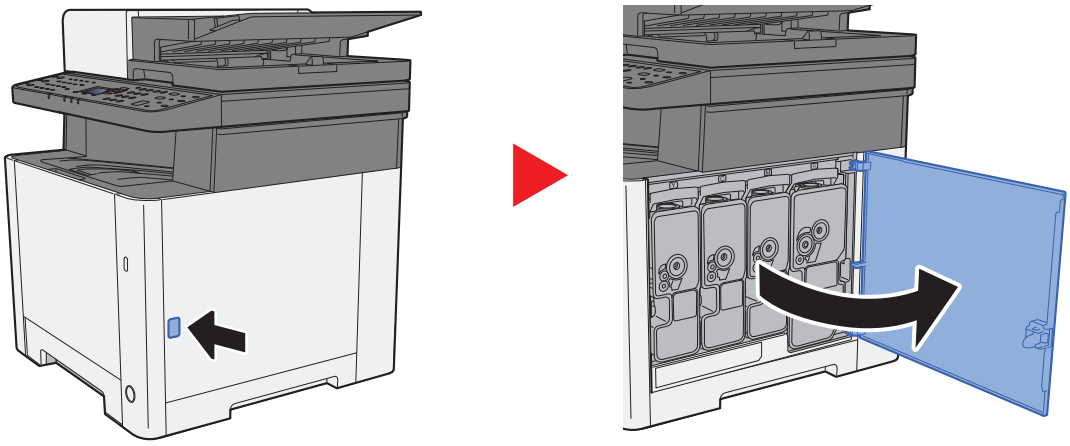
CAUTION

Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

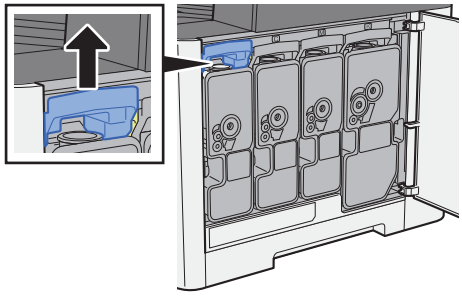
Replacing the Toner Container

Installation procedures of the toner container is same for every color. Here, we'll explain the yellow toner container, as an example.

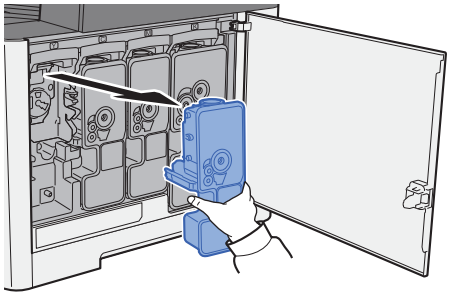
1 **Open the right cover.**



2 Unlock the toner container.

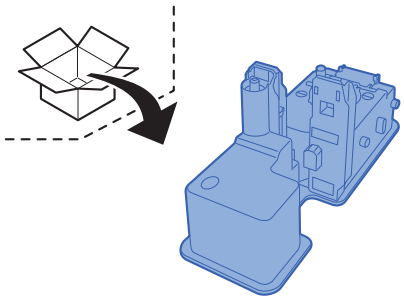


3 Remove the toner container.



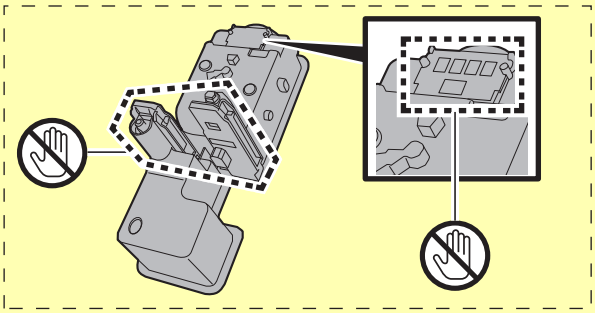
4 Put used toner containers into the plastic waste bag.

5 Remove the new toner container from the box.

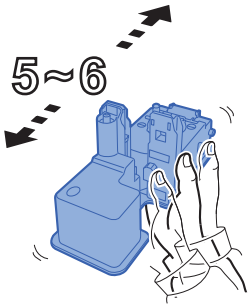


IMPORTANT

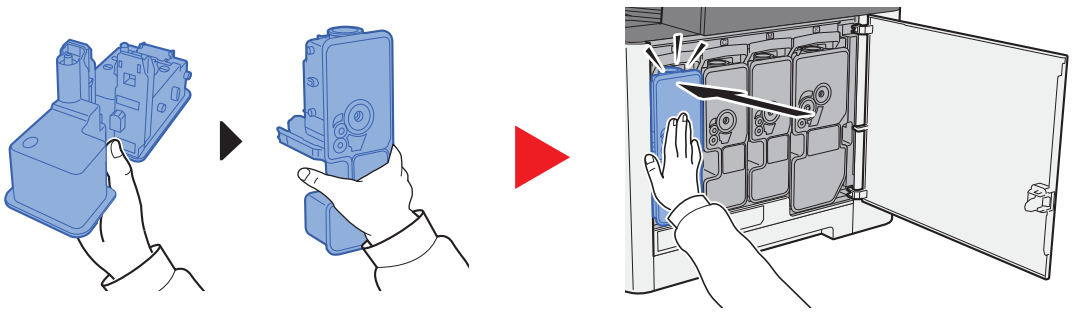
Do not touch the points shown below.



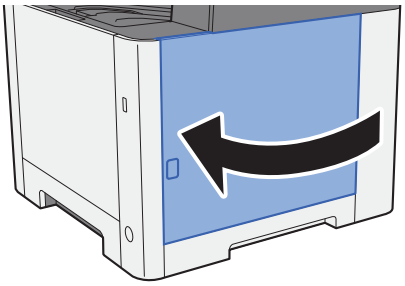
6 Shake the toner container.



7 Install the toner container.



8 Close the right cover.



NOTE

- If the right cover does not close, check that the new toner container is installed correctly.
- Return the exhausted toner container to your dealer or service representative. The collected toner container will be recycled or disposed in accordance with the relevant regulations.

Loading Paper

When Cassette # runs out of paper, the following messages will be displayed.

"Load paper in cassette #." (# is a cassette number)

"Load paper in MP tray."

Loading Paper (page 3-2)
Loading Paper in the Multipurpose Tray (page 5-5)

NOTE

If [**Paper Setup Msg**] is set to [**On**], the confirmation screen for the paper setting will be displayed when a new paper is set. If a paper is changed, select [**Change**] and then change the settings of the paper.

Cassette 1 to 2 (page 8-22)
MP Tray (page 8-22)

Troubleshooting

Solving Malfunctions

The table below provides general guidelines for problem solving.

If a problem occurs with your machine, look into the checkpoints and perform procedures indicated on the following pages. If the problem persists, contact your Service Representative.

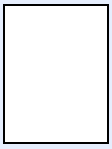
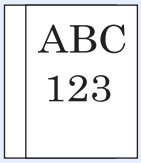
NOTE

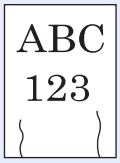
When contacting us, the serial number will be necessary.
To check the serial number, refer to the following:

Checking the Equipment's Serial Number (page i)

Machine Operation Trouble

When the following machine operation troubles occur, implement appropriate procedures.

Symptom	Checkpoints	Corrective Actions	Reference Page
The screen does not respond when the power switch is turned on.	Check the power cord.	Connect both ends of the power cord securely.	page 2-9
Pressing the [**Start**] key does not produce copies.	Is there a message on the screen?	Determine the appropriate response to the message and respond accordingly.	page 10-16
	Is the machine in Sleep mode?	Select the [**Energy Saver**] key.	page 2-26
Blank sheets are ejected. 	Are the originals loaded correctly?	When placing originals on the platen, place them face-down and align them with the original size indicator plates.	page 5-2
		When placing originals in the document processor, place them face-up.	page 5-3
	—	Check that the settings of the application software.	—
Paper often jams.	Is the paper loaded correctly?	Load the paper correctly.	page 3-4
	—	Turn the orientation 180 degrees around in which the paper is positioned.	page 3-4
	Is the paper of the supported type? Is it in good condition?	Remove the paper, turn it over, and reload it.	page 3-4
	Is the paper curled, folded or wrinkled?	Replace the paper with new paper.	page 3-4
	Are there any loose scraps or jammed paper in the machine?	Remove any jammed paper.	page 10-32
2 or more sheets are overlaps when ejected. (multi feed) 	—	Load the paper correctly.	page 3-2

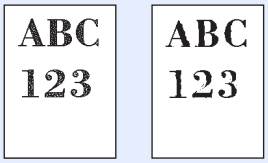
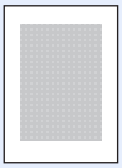
Symptom	Checkpoints	Corrective Actions	Reference Page
Printouts are wrinkled. 	Is the paper loaded correctly?	Load the paper correctly.	page 3-2
	—	Turn the orientation 180 degrees around in which the paper is positioned.	page 3-2
	Is the paper damp?	Replace the paper with new paper.	page 3-2
Printouts are curled.	—	Turn the paper over in the cassette, or turn the orientation 180 degrees around in which the paper is positioned.	page 3-2
	Is the paper damp?	Replace the paper with new paper.	page 3-2
Cannot print.	Is the machine plugged in?	Plug the power cord into an AC outlet.	—
	Is the machine powered on?	Turn on the power switch.	page 2-10
	Are the USB cable and network cable connected?	Connect the correct USB cable and network cable securely.	page 2-8
	Is the print job paused?	Resume printing.	page 7-13
Cannot print with USB memory. USB memory not recognized.	Is the USB host blocked?	Select [**Unblock**] in the USB host settings.	page 8-17
	—	Check that the USB memory is securely plugged into the machine.	—
While "Auto-IP" is set to [**On**], the IP address is not assigned automatically.	Is a value other than "0.0.0.0" entered for the IP address of TCP/IP(v4)?	Enter "0.0.0.0" for the IP address of TCP/IP(v4).	page 2-18

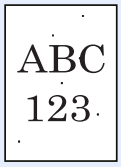
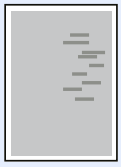
Symptom	Checkpoints	Corrective Actions	Reference Page
Cannot send via SMB.	Is the network cable connected?	Connect the correct network cable securely.	page 2-8
	Have the network settings for the equipment been configured properly?	Configure the TCP/IP settings properly.	page 8-10
	Have the folder sharing settings been configured properly?	Check sharing settings and access privileges under the folder properties.	page 3-12
	Has the SMB protocol been set to [**On**]?	Set the SMB protocol setting to [**On**].	page 8-13
	Has [**Host Name**] been entered properly? *1	Check the name of the computer to which data is being sent.	page 5-16
	Has [**Path**] been entered properly?	Check the share name for the shared folder.	page 5-16
	Has [**Login User Name**] been entered properly? *1 *2	Check the domain name and login user name.	page 5-16
	Has the same domain name been used for [**Host Name**] and [**Login User Name**]?	Delete the domain name and backslash ("/") from [**Login User Name**].	page 5-16
	Has [**Login Password**] been entered properly?	Check the login password.	page 5-16
	Have exceptions for Windows Firewall been configured properly?	Configure exceptions for Windows Firewall properly.	page 3-15
	Do the time settings for the equipment, domain server, and data destination computer differ?	Set the equipment, domain server, and data destination computer to the same time.	—
	Is the screen displaying Send error?	Refer to Responding to Send Error.	page 10-24
Cannot send via the e-mail.	Is the E-mail send size limit set in the SMTP server registered on the machine?	Check the limit value is entered to "E-mail Size Limit" of [**E-mail**] setting in Command Center RX and change the value as necessary.	page 2-51
The machine is emitting steam in the area around the paper ejection slot.	Check the room temperature to see if it is low, or if damp paper was used.	Depending on the printing environment and the paper's condition, the heat generated during printing will cause the moisture in the paper to evaporate, and the steam emitted may look like smoke. This is not a problem, and you can continue printing. If the steam concerns you, raise the room temperature, or replace the paper with a newer, dryer paper.	—

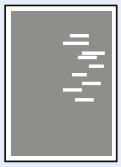
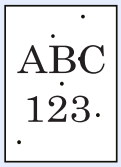
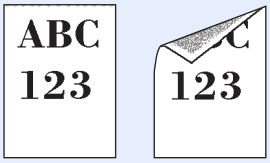
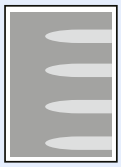
*1 You can also enter a full computer name as the host name (for example, pc001.abcdnet.com).
*2 You can also enter login user names in the following formats:
Domain_name/user_name (for example, abcdnet/james.smith)
User_name@domain_name (for example, james.smith@abcdnet)

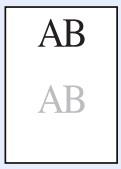
Printed Image Trouble

When the following printed image trouble occurs, implement appropriate procedures.

Symptom	Checkpoints	Corrective Actions	Reference Page
Printed images are totally too light. 	Is the paper damp?	Replace the paper with new paper.	page 3-2
	Have you changed the density?	Select appropriate density level.	page 6-17 page 8-38
	Is the toner distributed evenly within the toner container?	Shake the toner container from side to side several times.	page 10-5
	Is EcoPrint mode enabled?	Disable [**EcoPrint**] mode.	page 8-33
	—	Make sure the paper type setting is correct for the paper being used.	page 8-21
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**Drum Refresh**], and then select [**Yes**].	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**LaserScanner Cln**], and then select [**Yes**].	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**DEV-CLN**], and then select [**Yes**].	—
Printouts are too dark even though the background of the scanned original is white.	Have you changed the density?	Select appropriate density level.	page 6-17 page 8-38
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**Drum Refresh**], and then select [**Yes**].	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**MC**] and increase the adjustment value. Increase the adjustment value 1 level at a time from the current value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.	—
Copies have a moire pattern (dots grouped together in patterns and not aligned uniformly). 	Is the original a printed photograph?	Set the original image to [**Photo**].	page 6-16
	—	**When making copies** Set [**Sharpness**] to a value from [**-1**] to [**-3**].	page 6-20
	—	**When making copies** Select the [**System Menu/Counter**] key > [**Copy**] > [**DP Read Action**] or [**Platen Scan Act.**], and set to [**Quality Priority**].	page 8-32 page 8-32
Texts are not clearly printed.	Did you choose appropriate image quality for the original?	Select appropriate image quality.	page 6-16
	—	**When making copies** Set [**Sharpness**] to a value from [**+1**] to [**+3**].	page 6-20

Symptom	Checkpoints	Corrective Actions	Reference Page
Black or colored points appear in white background parts of the image. 	Is the original holder or the glass platen dirty?	Clean the original holder or the glass platen.	page 10-2
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**Drum Refresh**], and then select [**Yes**].	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**MC**] and increase the adjustment value. Increase the adjustment value 1 level at a time from the current value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.	—
White or color dots appear on the printed images.	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**MC**] and decrease the adjustment value. Decrease the adjustment value 1 level at a time from the current value. If there is no improvement after the value is decreased by 1 level, decrease by 1 level again. If there is still no improvement, return the setting to the original value.	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**DEV-CLN**], and then select [**Yes**].	—
Printed images are fuzzy.	Is the machine being used in conditions of very humid, or humidity or temperature rapidly changes?	Use in an environment that has suitable humidity.	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**Drum Refresh**], and then select [**Yes**].	—
Printed images are skewed.	Are the originals placed correctly?	When placing originals on the platen, align them with the original size indicator plates.	page 5-2
		When placing originals in the document processor, align the original width guides securely before placing the originals.	page 5-3
	Is the paper loaded correctly?	Check the position of the paper width guides.	page 3-2
Irregular horizontal lines appear in the image. 	—	Select the [**System Menu/Counter**] key > [**Adjustment/Maintenance**] > [**Service Setting**] > [**MC**] and increase the adjustment value. Increase the adjustment value 1 level at a time from the current value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.	—

Symptom	Checkpoints	Corrective Actions	Reference Page
The altitude is 1000 m or higher and irregular horizontal white lines appear in the image. 	—	Select the [**System Menu/Counter**] key > [**Adjustment/Maintenance**] > [**Service Setting**] > [**Altitude Adjustment**], and set to an elevation one level higher than the current setting.	—
The altitude is 1000 m or higher and dots appear in the image. 	—	Select the [**System Menu/Counter**] key > [**Adjustment/Maintenance**] > [**Service Setting**] > [**Altitude Adjustment**], and set to an elevation one level higher than the current setting.	—
Printouts have vertical lines.	Is the slit glass dirty?	Clean the slit glass.	page 10-3
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**LaserScanner Cln**], and then select [**Yes**].	—
Dirt on the top edge or back of the paper. 	Is the interior of the machine dirty?	Clean the interior of the machine.	page 10-4
Part of the image is periodically faint or shows white lines. 	—	Open and then close the rear cover.	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**Drum Refresh**], and then select [**Yes**].	—
	—	Select the [**System Menu/Counter**] key > [**Adjust/Maint.**] > [**Service Setting**] > [**MC**] and decrease the adjustment value. Decrease the adjustment value 1 level at a time from the current value. If there is no improvement after the value is decreased by 1 level, decrease by 1 level again. If there is still no improvement, return the setting to the original value.	—

Symptom	Checkpoints	Corrective Actions	Reference Page
The previous image remains and lightly printed. 	—	Make sure the paper type setting is correct for the paper being used.	page 8-20
	—	Select the [**System Menu/Counter**] key > [**Adjustment/Maintenance**] > [**Service Setting**] > [**MC**] and increase the adjustment value. Increase the adjustment value 1 level at a time from the current value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.	—

Color printing trouble

When the following color printing trouble occurs, implement appropriate procedures.

Symptom	Checkpoints	Corrective Actions	Reference Page
Skewed-color printout.	—	Run [**ColorCalibration**].	page 10-27
	—	Run [**Color Regist.**].	page 10-28
Colors appear different than you anticipated.	Did you choose appropriate image quality for the original?	Select appropriate image quality.	page 6-16
	Have you loaded color copy paper into the paper tray?	Load color copy paper into the paper tray.	—
	—	Run [**ColorCalibration**].	page 10-27
	—	**When making copies** Adjust the color balance.	page 6-19
	—	**When printing from a computer** Adjust the color using the printer driver.	—
The color toner is empty.	Do you want to continue printing in black and white?	If the black toner is remained, the machine continues printing in black and white by selecting [**Print in Black and White**] of [**Color Toner Empty Action**].	page 8-31

Responding to Messages

If the message display or the computer displays any of these messages, follow the corresponding procedure.

NOTE

When contacting us, the serial number will be necessary.
To check the serial number, refer to the following:

Checking the Equipment's Serial Number (page i)

A

Message	Checkpoints	Corrective Actions	Reference Page
Access point was not detected.	—	Check if the access point has been set correctly.	—
Account error.	—	Failed to specify Job Accounting when processing the job externally. The job is canceled. Select the [**OK**] key.	—

C

Message	Checkpoints	Corrective Actions	Reference Page
Calibrating…	—	The machine is under the adjustment to maintain its quality. Please wait.	—
Cannot connect to Authentication Server **Check the connection with the server.**	—	Check the connection status with the server.	—
Cannot connect to Authentication Server **Check the domain name.**	—	Check the domain name.	page 9-2
Cannot connect to Authentication Server **Check the host name.**	—	Check the host name.	page 9-2
Cannot connect to Authentication Server **Set machine time to match server's time.**	—	Set machine time to match the server’s time.	page 2-17
Cannot connect to Server. Check the Connection Status. **Job is canceled.**	—	Check the connection status with the server.	—
Cannot connect.	—	This appears when the Wi-Fi or Wi-Fi Direct connection did not complete. Check the settings, and check the signal conditions.	—

Message	Checkpoints	Corrective Actions	Reference Page
Cannot duplex print on this paper. **↑↓ (Displayed alternately)** **Press OK to continue using cassette #.**	Did you select a paper size/type that cannot be duplex printed?	Select [**Paper**] to select the available paper. Select [**OK**] to print without using Duplex function.	—
Cannot duplex print on this paper. **↑↓ (Displayed alternately)** **Press OK to using MP Tray.**	Did you select a paper size/type that cannot be duplex printed?	Select [**Paper**] to select the available paper. Select the [**OK**] key to print without using Duplex function.	—
Cannot recognize.	—	Make sure your ID card has been registered.	**Card Authentication Kit (B) Operation Guide**
Cannot use this function. **>> #####**	—	This job is canceled because it is restricted by User Authorization or Job Accounting. Select the [**OK**] key.	—
Close # cover.	Is there any cover which is open?	Close the cover indicated on the screen.	—
	Are the toner containers installed correctly? Is a toner container out of place?	Make sure all 4 colors of toner containers are installed correctly, and close the right cover.	page 10-5
Close the document processor and its cover.	Is the document processor open?	Close the document processor.	—
Cooling… **Please wait.**	—	The machine is under the adjustment to maintain its quality. Please wait.	—

E

Message	Checkpoints	Corrective Actions	Reference Page
Error occurred. Turn the power switch off and on.	—	System error has occurred. Turn the power switch OFF and then ON.	—

F

Message	Checkpoints	Corrective Actions	Reference Page
Failed to store job retention data. Job is canceled.	—	The job is canceled. Select the [**OK**] key.	—
FAX memory is full.	—	FAX cannot be performed any more due to insufficient memory. The job is canceled. Select the [**OK**] key.	**FAX Operation Guide**

H

Message	Checkpoints	Corrective Actions	Reference Page
High temperature. Adjust room temp.	—	Adjust the temperature and the humidity of your room.	—

I

Message	Checkpoints	Corrective Actions	Reference Page
Incorrect account ID. Job is canceled.[*1]	—	The account ID was incorrect when processing the job externally. The job is canceled. Select the [**OK**] key.	—
Incorrect Login User Name or Password. Job is canceled.[*1]	—	The login user name or password was incorrect when processing the job externally. The job is canceled. Select the [**OK**] key.	—
Inner tray is full of paper. Remove the paper.	—	Remove paper from the inner tray. Select [**Continue**] to resume printing. Select [**Cancel**] to cancel the job.	—
Insufficient memory. Cannot start the job.	—	Job cannot be started. Try again later.	—

*1 When Auto Error Clear is set to [**On**], processing resumes automatically after a set amount of time elapses. For details on Auto Error Clear, refer to the following:

➔ Auto Err. Clear (page 8-27)

J

Message	Checkpoints	Corrective Actions	Reference Page
Job Accounting restriction exceeded. Job is canceled.	Is the acceptable printing count restricted by Job Accounting exceeded?	The printing count exceeded the acceptable count restricted by Job Accounting. Cannot print any more. This job is canceled. Select the [**OK**] key.	—

K

Message	Checkpoints	Corrective Actions	Reference Page
KPDL error. Job is canceled.[*1]	—	PostScript error has occurred. The job is canceled. Select the [**OK**] key.	—

*1 When Auto Error Clear is set to [**On**], processing resumes automatically after a set amount of time elapses. For details on Auto Error Clear, refer to the following:

➔ Auto Err. Clear (page 8-27)

L

Message	Checkpoints	Corrective Actions	Reference Page
Load paper in cassette #. **↑↓ (Displayed alternately)** **Press OK to continue using cassette #.**	Is the indicated cassette out of paper?	Load paper. Select [**Paper**] to select the other paper source. Select the [**OK**] key to print on the paper in the currently selected paper source.	page 3-2
Load paper in cassette #. **↑↓ (Displayed alternately)** **Set selected size paper and press [OK].**	Is the indicated cassette out of paper?	Load paper. Select [**Paper**] to select the other paper source. Select the [**OK**] key to print on the paper in the currently selected paper source.	page 3-2
Load paper in MP tray. **↑↓ (Displayed alternately)** **Press OK to continue using MP tray.**	Is the paper of the selected size loaded in the multipurpose tray?	Load paper. Select [**Paper**] to select the other paper source. Select the [**OK**] key to print on the paper in the currently selected paper source.	page 3-2
Load paper in MP tray. **↑↓ (Displayed alternately)** **Set selected size paper and press [OK].**	Is the paper of the selected size loaded in the multipurpose tray?	Load paper. Select [**Paper**] to select the other paper source. Select the [**OK**] key to print on the paper in the currently selected paper source.	page 3-2
Low temperature. Adjust room temp.	—	Adjust the temperature and the humidity of your room.	—

M

Message	Checkpoints	Corrective Actions	Reference Page
Machine failure. Call service.	—	An error has occurred in the machine. Make a note of the error code displayed on the message display, and contact your service representative.	—
Maximum number of scanned pages. Job is canceled.	Is the acceptable scanning count exceeded?	Cannot scan pages any more. Job is canceled. Select the [**OK**] key.	—
Memory card error. **Job is canceled.**	—	An error has occurred on the memory card. Job is canceled. Select [**End**]. The error cord is as follows. 04: Insufficient space on the memory card to complete this operation. Move data or delete unneeded data.	—

Message	Checkpoints	Corrective Actions	Reference Page
Memory is full. Job is canceled.	—	The process cannot be performed due to insufficient memory. If only [**End**] is available, select [**End**]. The job will be canceled.	—
Memory is full. **Print job cannot be processed completely.**[*1]	—	Unable to continue the job as the memory is used up. Select [**Continue**] to print the scanned pages. The print job cannot be processed completely. Select [**Cancel**] to cancel the job. The machine may reproduce the same originals by arranging the following settings: • Select [**On**] of RAM Disk Mode in System Menu, and then decrease the RAM Disk Size. • Select [**Printer Priority**] of Optional Memory in System Menu. **NOTE** Before changing the RAM Disk Mode or Optional Memory setting, contact your administrator.	page 8-30

*1 When Auto Error Clear is set to [**On**], processing resumes automatically after a set amount of time elapses. For details on Auto Error Clear, refer to the following:

➔ Auto Err. Clear (page 8-27)

N

Message	Checkpoints	Corrective Actions	Reference Page
Non-genuine Toner. Press [Help].	Is the installed toner container our own brand?	The manufacturer assumes no responsibility for damage caused by a non-genuine toner. We recommend that you only use genuine toner containers. When you want to use the toner container currently installed, select the [**OK**] key and the [**Stop**] key simultaneously for 3 seconds or more.	—

P

Message	Checkpoints	Corrective Actions	Reference Page
Paper jammed at MP tray.	—	If a paper jam occurs, the machine will stop and the location of the jam will be indicated on the screen. Leave the machine on and follow the instruction to remove the jammed paper.	page 10-32
Paper jammed in Cassette #.			

Message	Checkpoints	Corrective Actions	Reference Page
Paper jammed in document processor.	—	A paper jam has occurred in the document processor. Leave the machine on and select [**Help**] on the screen, and follow the instruction to remove the jammed paper.	page 10-42
Paper jammed in Rear cover #.	—	If a paper jam occurs, the machine will stop and the location of the jam will be indicated on the screen. Leave the machine on and select [**Help**] on the screen, and follow the instruction to remove the jammed paper.	page 10-39
Polling box limit exceeded. Job is canceled.	Is [**OK**] displayed on the screen?	The specified box is full, and no further storage is available; Job is canceled. Select the [**OK**] key. Try to perform the job again after printing or deleting data from the box.	**FAX Operation Guide**
Printing multiple copies is not allowed.	—	Only one copy is available. Select [**Continue**] to continue printing. Select [**Cancel**] to cancel the job.	—

R

Message	Checkpoints	Corrective Actions	Reference Page
RAM disk error. Press [OK].	—	An error has occurred on the RAM disk. Job is canceled. Select the [**OK**] key. The possible error codes and their descriptions are as follows. The error cord is as follows. 04: Insufficient space on the RAM disk. If the optional RAM dis is installed, increase the RAM Disk Size by changing RAM Disk Mode in System Menu. **NOTE** The range of RAM disk size can be increased by selecting [**Printer Priority**] in Optional Memory.	page 8-30
Removable Memory is full. Job is canceled.[*1]	—	Job is canceled. Select [**End**]. Insufficient free space in the removable memory. Delete unneeded files.	—
Remove original from document processor.	Are there any originals left in the document processor?	Remove originals from the document processor.	page 10-42
Replace all originals and press Start key.	—	Remove originals from the document processor, put them back in their original order, and place them again. Select [**Cancel**] to cancel the job.	—

Message	Checkpoints	Corrective Actions	Reference Page
Replace the toner. **[C][M][Y]** **Job is canceled.** **B&W mode enabled.**	—	Replace the toner container to our specified toner container. If not, select [**OK**] to cancel the job. The device prints in black and white for a while.	page 10-5
Replace [C][M][Y][K] toner.	—	Replace the toner container to our specified toner container.	page 10-5
Restricted by Job Accounting. **Cannot print.**	—	This job is canceled because it is restricted by Job Accounting. Select the [**OK**] key.	—

*1 When Auto Error Clear is set to [**On**], processing resumes automatically after a set amount of time elapses. For details on Auto Error Clear, refer to the following:

➔ Auto Err. Clear (page 8-27)

S

Message	Checkpoints	Corrective Actions	Reference Page
Scanner memory is full. Job is canceled.	—	Scanning cannot be performed any more due to insufficient memory. The job is canceled. Select the [**OK**] key.	page 8-30
Send Error.[*1]	—	An error has occurred during transmission. The job is canceled. Select the [**OK**] key. Refer to Responding to Send Error for the error code and corrective actions.	page 10-24
Set the toner containers properly and close Right Cover.	Is the toner container installed correctly?	Right cover is open or toner containers are not properly installed. Open right cover. Set all four toner containers properly. Close right cover.	page 10-5

*1 When Auto Error Clear is set to [**On**], processing resumes automatically after a set amount of time elapses. For details on Auto Error Clear, refer to the following:

➔ Auto Err. Clear (page 8-27)

T

Message	Checkpoints	Corrective Actions	Reference Page
The device cannot be connected because allowed connections would be exceeded.	—	Release the connection of an unused mobile device, or set an auto break time on the machine to break connections to mobile devices.	—
The phone receiver is off the hook. Hang Up.	—	Put down the receiver.	**FAX Operation Guide**
The slit glass requires cleaning.	—	Clean the slit glass.	page 10-3

Message	Checkpoints	Corrective Actions	Reference Page
This user account is locked out. **Contact administrator** **Job is canceled.**	—	Contact administrator. The job is canceled. Select the [**OK**] key.	—
Toner is low. **(Replace when empty.)**	—	It is almost time to replace the toner container. Obtain a new toner container.	—

U

Message	Checkpoints	Corrective Actions	Reference Page
Unknown Toner Installed. PC	Does the installed toner container's regional specification match the machine's?	Install the specified toner container.	—
USB memory error. **Job is canceled.**	Is writing to a removable memory prohibited?	An error occurred in the removable memory. The job stopped. Select the [**OK**] key. The error cord is as follows. 01: Connect a removable memory that can be written to.	—
	—	An error occurred in the removable memory. The job stopped. Select [**OK**]. The error cord is as follows. 01: The amount of data that can be saved at once has been exceeded. Turn the power OFF/ON. If the error still occurs, the removable memory is not compatible with the machine. Use the removable memory formatted by this machine. If the removable memory cannot be formatted, it is damaged. Connect a compatible removable memory.	—

Responding to Send Error

Error Code	Message	Corrective Actions	Reference Page
1101	Failed to send the e-mail.	Check the host name of the SMTP server on the Command Center RX.	page 2-51
	Failed to send via FTP.	Check the host name of FTP.	page 5-18
	Failed to send via SMB.	Check the host name of SMB.	page 5-16
1102	Failed to send via SMB.	Check the SMB settings. • Login user name and login password **NOTE** If the sender is a domain user, specify the domain name. • Host name • Path	page 5-16
	Failed to send the e-mail.	Check the following on the Command Center RX. • SMTP login user name and login password • POP3 login user name and login password • E-mail size limit	page 2-51
	Failed to send via FTP.	Check the FTP settings. • Login user name and login password **NOTE** If the sender is a domain user, specify the domain name. • Path • Folder share permissions of the recipient	page 5-18
1103	Failed to send via SMB.	Check the SMB settings. • Login user name and login password **NOTE** If the sender is a domain user, specify the domain name. • Path • Folder share permissions of the recipient	page 5-16
	Failed to send via FTP.	Check the FTP settings. • Path • Folder share permissions of the recipient	page 5-18
1104	Failed to send the e-mail.	Check the e-mail address. **NOTE** If the address is rejected by the domain, you cannot send the email.	page 5-15

Error Code	Message	Corrective Actions	Reference Page
1105	Failed to send via SMB.	Select [**On**] of the SMB settings on the Command Center RX.	page 8-13
	Failed to send the e-mail.	Select [**On**] of the SMTP settings on the Command Center RX.	page 2-51
	Failed to send via FTP.	Select [**On**] of the FTP settings on the Command Center RX.	page 8-12
1106	Failed to send the e-mail.	Check the sender address of SMTP on the Command Center RX.	page 2-51
1131	Failed to send via FTP.	Select [**On**] of the secure protocol settings on the Command Center RX.	page 8-16
1132	Failed to send the e-mail.	Check the following of the SMTP server. • Is SMTP over SSL available? • Is the encryption available?	Refer to the **Command Center RX User Guide**.
	Failed to send via FTP.	Check the following of the FTP server. • Is FTPS available? • Is the encryption available?	—
2101	Failed to send via SMB.	Check the network and SMB settings. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly. • Host name and IP address • Port number	—
	Failed to send via FTP.	Check the network and FTP settings. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly. • Host name and IP address • Port number	—
	Failed to send the e-mail.	Check the network and Command Center RX. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly. • POP3 server name of the POP3 user • SMTP server name	page 2-51

Error Code	Message	Corrective Actions	Reference Page
2102 **2103**	Failed to send via FTP.	Check the network. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly.	—
		Check the following of the FTP server. • Is FTP available? • The server is not operating properly.	—
	Failed to send the e-mail.	Check the network. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly.	—
2201 **2202** **2203** **2231**	Failed to send the e-mail. Failed to send via FTP. Failed to send via SMB.	Check the network. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly.	—
2204	Failed to send the e-mail.	Check the e-mail size limit of the SMTP settings on the Command Center RX.	page 2-51
3101	Failed to send the e-mail.	Check the authentication methods of both the sender and the recipient.	—
	Failed to send via FTP.	Check the network. • The network cable is connected. • The hub is not operating properly. • The server is not operating properly.	—
3201	Failed to send the e-mail.	Check the SMTP user authentication method of the recipient.	—
0007 **4201** **4701** **5101** **5102** **5103** **5104** **7101** **7102** **7103** **720f**	—	Turn the power switch off and back on. If this error occurs several times, make a note of the displayed error code and contact your service representative.	page 2-10
9181	—	The scanned original exceeds the acceptable number of pages of 999. Send the excess pages separately.	—

Adjustment/Maintenance

Overview of Adjustment/Maintenance

If there is an image problem and the message to run adjustment or maintenance menu appears, run Adjustment/Maintenance in the system menu.

The table below lists the item you can Procedure.

Item	Description	Reference Page
ColorCalibration	Adjust color drift or hue of printed image in the most appropriate color.	page 10-27
Color Regist.	Correct the color position to resolve color drift.	page 10-28

ColorCalibration

This machine contains a calibration function that automatically makes adjustments to compensate for changes that occur over time due to variations in the ambient temperature and humidity. So that the highest quality color printing can be maintained, this color calibration operation is carried out automatically each time the power to the machine is turned on. If color tone does not improve or color drift does not improve after executing this color adjustment, perform color print position correction on the following:

➔ Color Regist. (page 10-28)

1 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Adjust/Maint.**] > [**OK**] key > [▲] [▼] key > [**ColorCalibration**] > [**OK**] key

2 Perform the Color Calibration.

Select [**Yes**] to execute Color Calibration.

"Completed." is displayed and the screen returns to the Adjust/Maint. menu.

Color Regist.

Auto registration and manual registration are available for Color Registration. Color drift can be largely corrected through auto registration. However, if it is not resolved or to perform more detailed settings, use the manual registration.

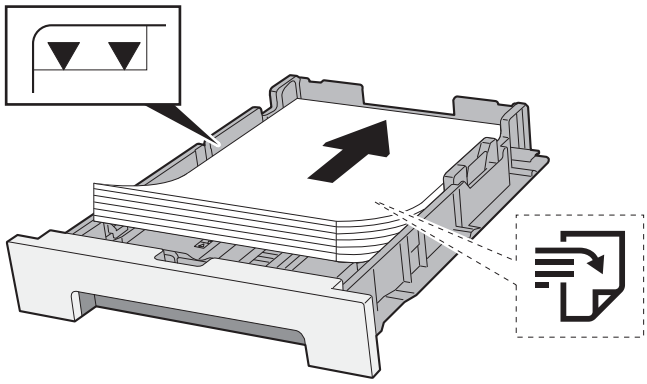
IMPORTANT

Before performing color registration, be sure to perform ColorCalibration. If color drift remains, perform color registration. By performing color registration without performing ColorCalibration, the color drift will be resolved once, however, it may cause the serious color drift later.

ColorCalibration (page 10-27)

Auto Correction

1 Load paper.



IMPORTANT

- **Load the paper with the print side facing up.**
- **After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.**

Precaution for Loading Paper (page 3-2)

- **Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.**
- **Ensure that the loaded paper does not exceed the level indicator (see illustration above).**
- **If paper is loaded without adjusting the paper length guide and paper width guide, the paper may skew or become jammed.**

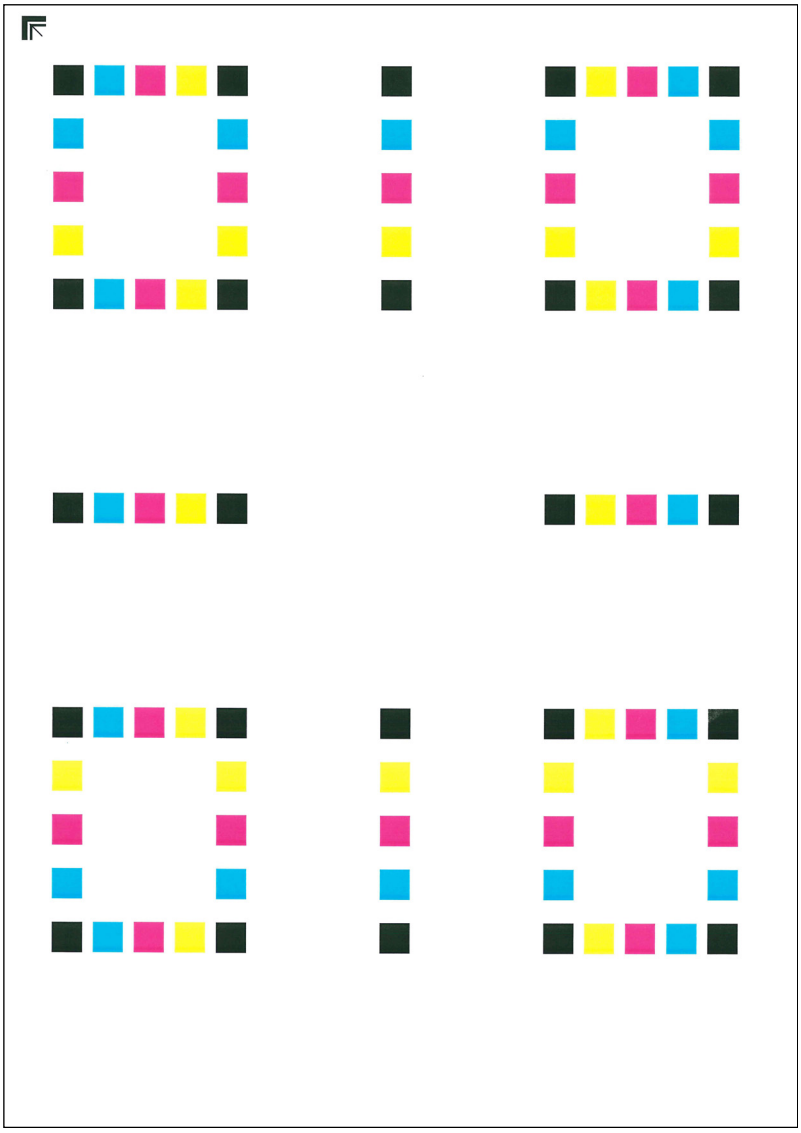
2 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Adjust/Maint.**] > [**OK**] key > [▲] [▼] key > [**Color Regist.**] > [**OK**] key > [▲] [▼] key > [**Auto**] > [**OK**] key

3 Print the chart.

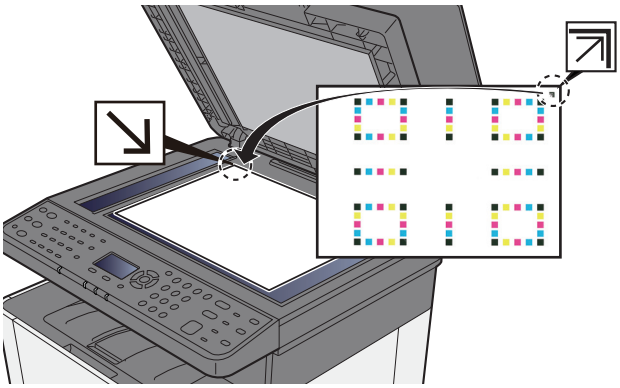
Select [**Yes**].

Chart Example



4 Perform the color registration.

1 As shown in the illustration, place the printed side down on the platen with the edge with the arrows toward the back.

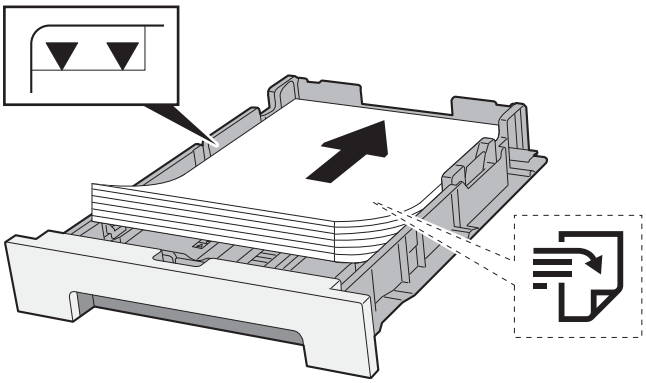


2 Select [**OK**] to scan the chart.

When scanning is finished, color printing position correction starts.

Manual Correction

1 Load paper.



IMPORTANT

- **Load the paper with the print side facing up.**
- **After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.**

Precaution for Loading Paper (page 3-2)

- **Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.**
- **Ensure that the loaded paper does not exceed the level indicator (see illustration above).**
- **If paper is loaded without adjusting the paper length guide and paper width guide, the paper may skew or become jammed.**

2 Display the screen.

[**System Menu/Counter**] key > [▲] [▼] key > [**Adjust/Maint.**] > [**OK**] key > [▲] [▼] key > [**Color Regist.**] > [**OK**] key > [▲] [▼] key > [**Manual**] > [**OK**] key

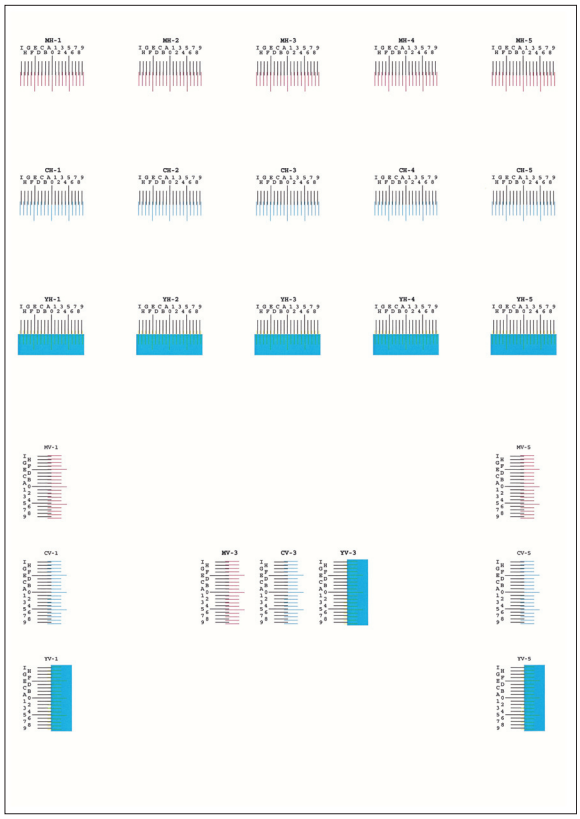
3 Print the chart.

[▲] [▼] key > [**Print Chart**] > [**OK**] key > [**Yes**]

A chart is printed. On the chart, for each of M (magenta), C (cyan) and Y (yellow), charts for H-1 to 5 and V-1 to 5 are printed.

After printing, you will return to the advanced menu for color printing position correction.

Chart Example

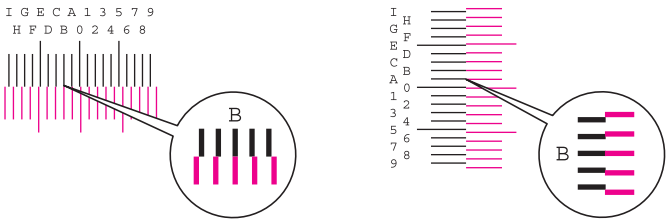


4 Display the correction menu.

[▲] [▼] key > [**Adjust Magenta**] > [**OK**] key
The magenta correction menu appears.

5 Enter the appropriate value.

1 Find the location on each chart where 2 lines most closely match. If this is the 0 position, registration for that color is not required. For the illustration, B is the appropriate value.



From charts H-1 to H-5, read the values from H-1 to H-5.
From charts V-1 to V-5, read only the values from V-3 (center).

2 Select the [◀] or [▶] key to change the H-1 to H-5 and V-3 items, select the [▲] or [▼] key to enter the values read from the chart, and select the [**OK**] key.

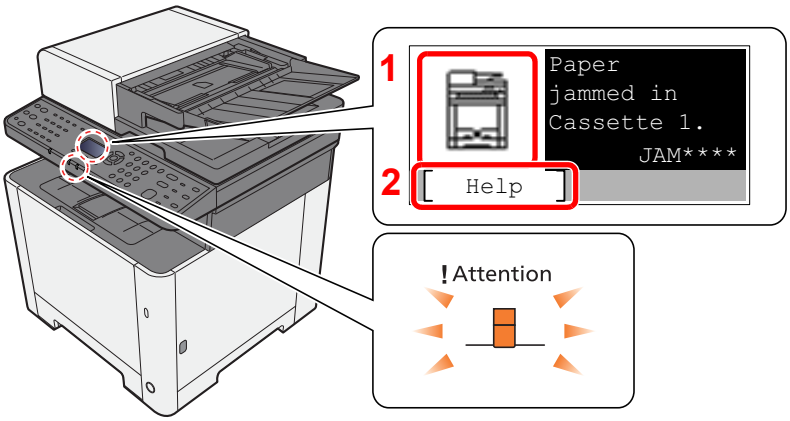
Magenta correction is performed. After a brief interval, you will return to the advanced menu for color printing position correction.
To increase the value from 0 up to a maximum of 9, select the [▲] key. To decrease the value, select the [▼] key.
Select [▼] to change the value from 0 to an alphabetical letter. Continue selecting to change from A through I. To move in the opposite direction, select [▲].
You cannot use the numeric keys to enter these values.

3 Perform cyan and yellow correction as explained in steps 4 and 5.

Clearing Paper Jams

If a paper jam occurs, the message display will display "Paper Jam." and the machine will stop. Refer to these procedures to remove the jammed paper.

Jam Location Indicators



1 Shows the location of a paper jam.

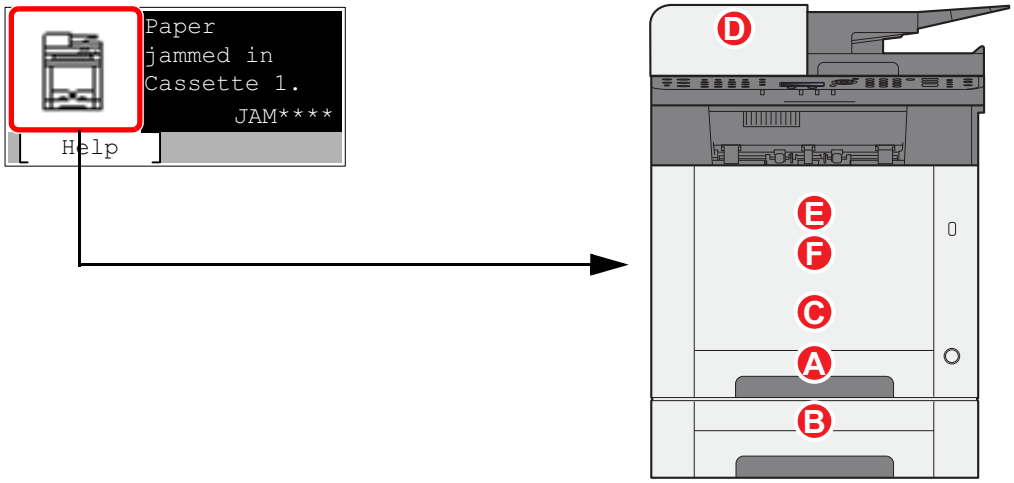
2 Displays the Help screen.

NOTE

For details on Help Screen, refer to the following:

Help Screen (page 2-14)

If a paper jam occurs, the location of the jam will be displayed on the message display as well as the clearing instructions.



Paper Jam Location Indicator	Paper Jam Location	Reference Page
A	Cassette 1	page 10-33
B	Cassette 2	page 10-34
C	Multipurpose Tray	page 10-36
D	Document Processor	page 10-42
E	Duplex Unit	page 10-39
F	Rear Cover 1	page 10-39

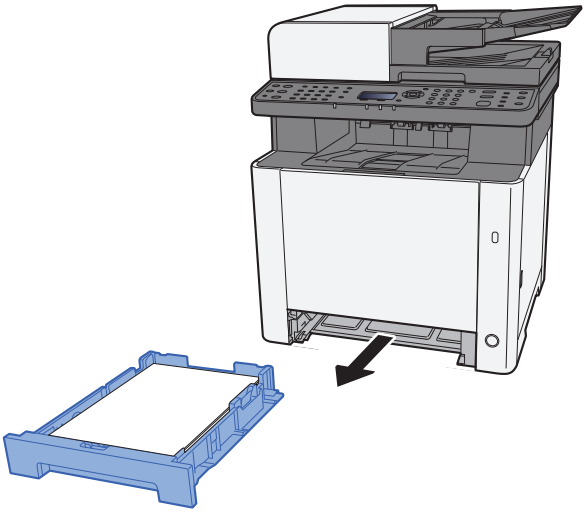
After you remove the jam, the machine will warm up again and the error message will be cleared. The machine resumes with the page that was printing when the jam occurred.

Remove any jammed paper in Cassette 1

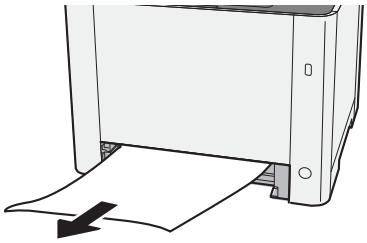
CAUTION

- **Do not reuse jammed papers.**
- **If the paper tears during removal, be sure to remove any loose scraps of paper from inside the machine. Scraps of paper left in the machine could cause subsequent jamming.**

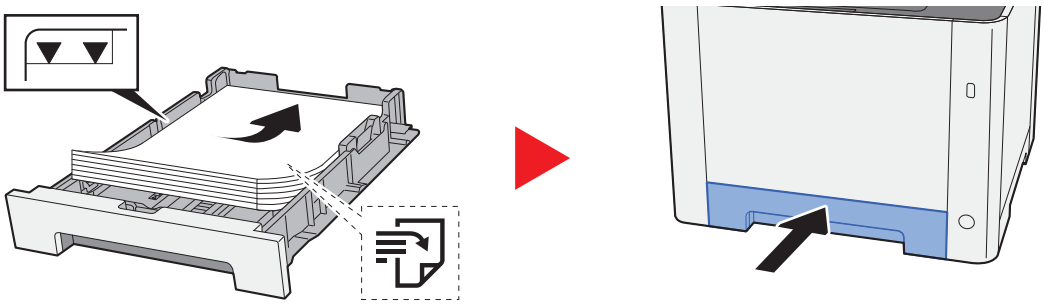
1 **Pull Cassette 1 out toward you until it stops.**



2 **Remove any jammed paper.**



3 **Push Cassette 1 back in.**

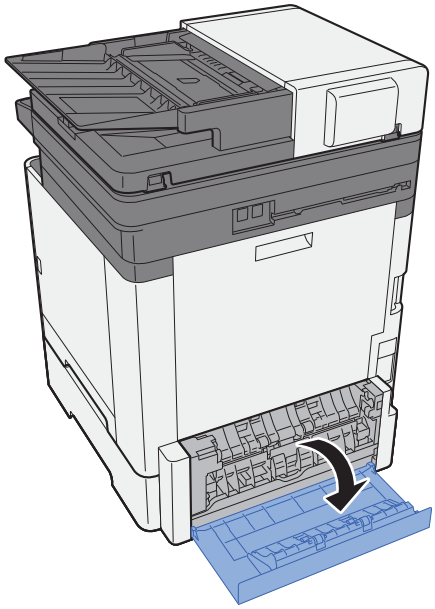


Remove any jammed paper in Cassette 2

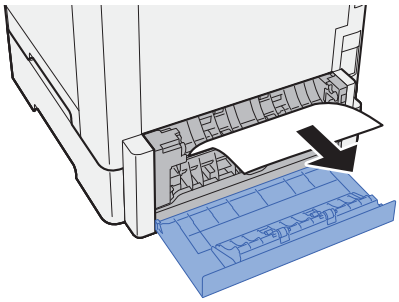
CAUTION

- **Do not reuse jammed papers.**
- **If the paper tears during removal, be sure to remove any loose scraps of paper from inside the machine. Scraps of paper left in the machine could cause subsequent jamming.**

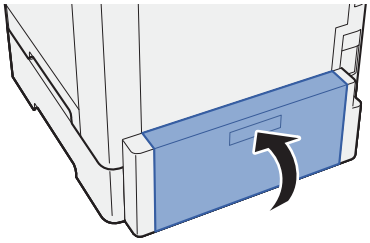
1 **Open Rear Cover 2.**



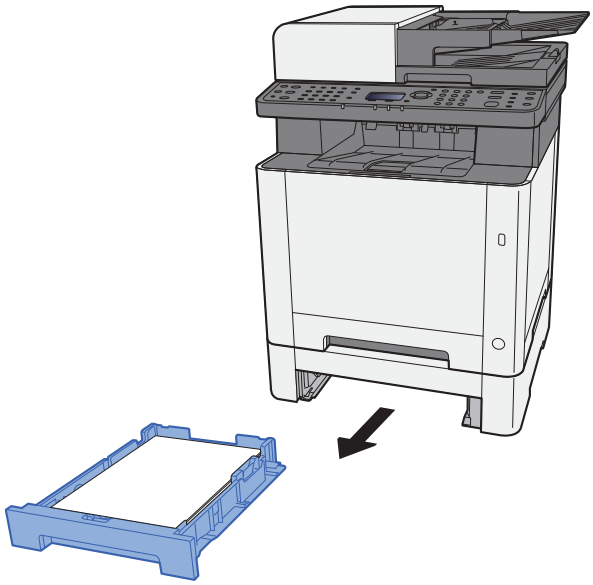
2 **Remove any jammed paper.**



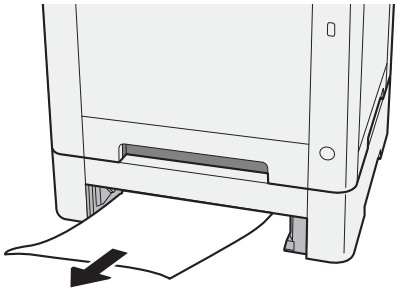
3 **Push Rear Cover 2.**



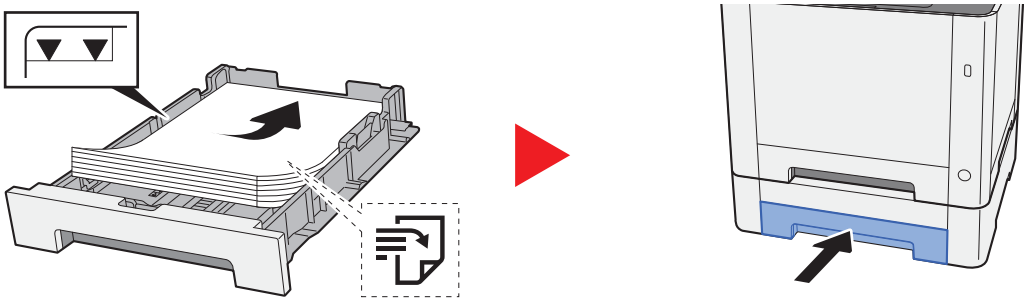
4 **Pull Cassette 2 out toward you until it stops.**



5 **Remove any jammed paper.**



6 **Push Cassette 2 back in.**

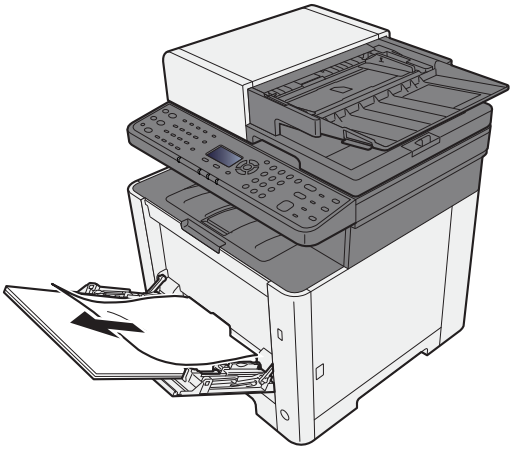


Remove any jammed paper in the Multipurpose Tray

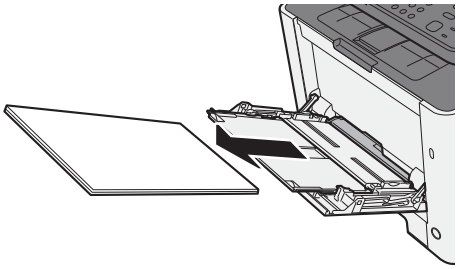
CAUTION

- **Do not reuse jammed papers.**
- **If the paper tears during removal, be sure to remove any loose scraps of paper from inside the machine. Scraps of paper left in the machine could cause subsequent jamming.**

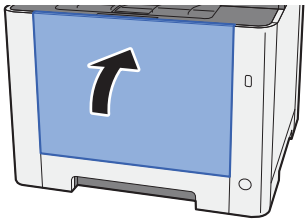
1 **Remove any jammed paper.**



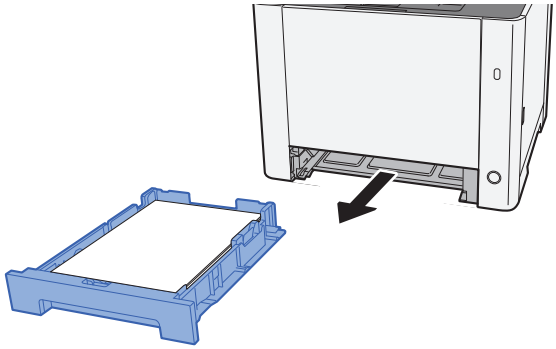
2 **Remove all the paper.**



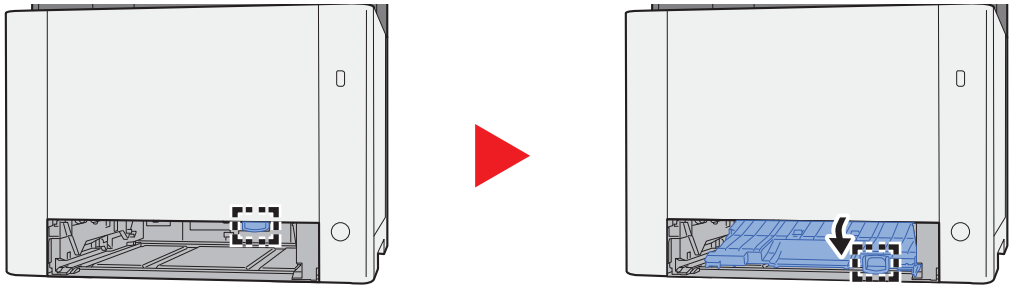
3 **Push the multipurpose tray.**



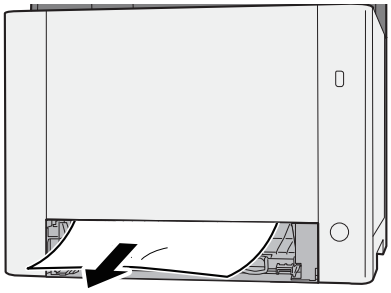
4 **Pull Cassette 1 out toward you until it stops.**



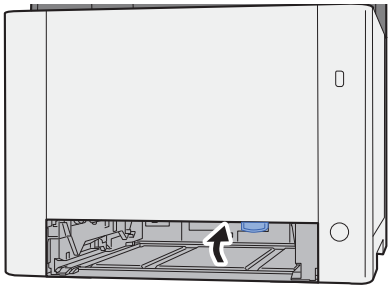
5 **Open Feed Cover.**



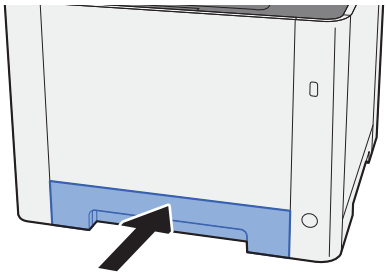
6 **Remove any jammed paper.**



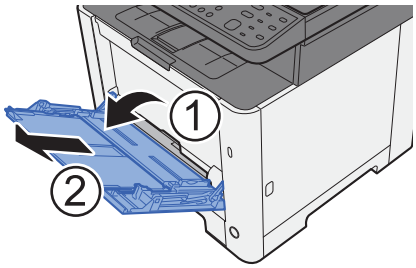
7 **Push Feed Cover back in.**



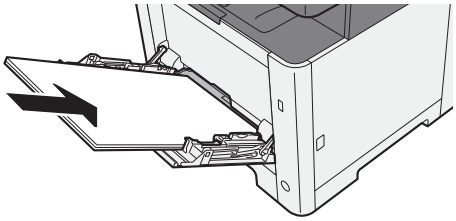
8 Push Cassette 1 back in.



9 Open the multipurpose tray.



10 Reload the paper.

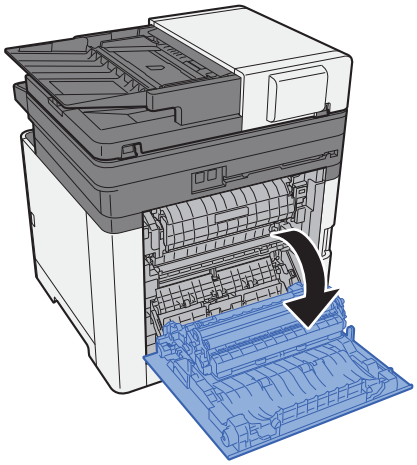


Remove any jammed paper in Rear Cover 1

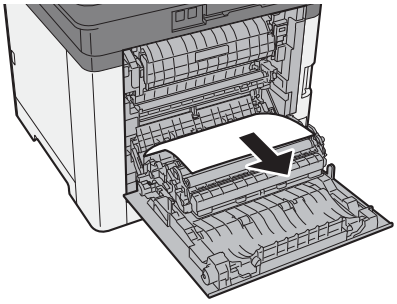
CAUTION

The fixing unit is extremely hot. Take sufficient care when working in this area, as there is a danger of getting burned.

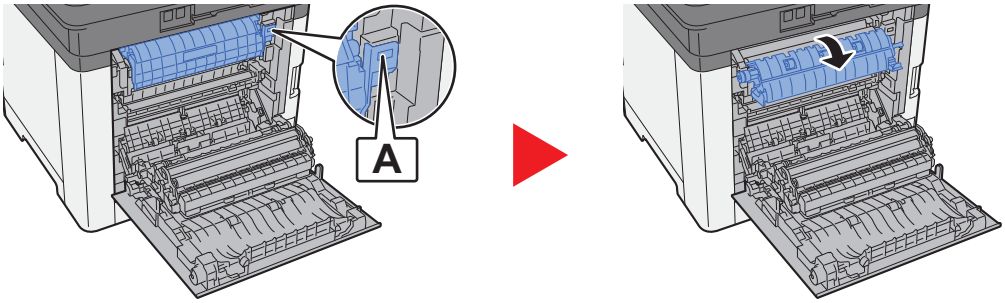
1 Open Rear Cover 1.



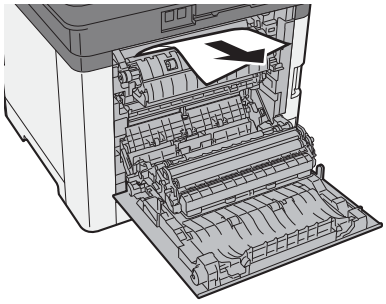
2 Remove any jammed paper.



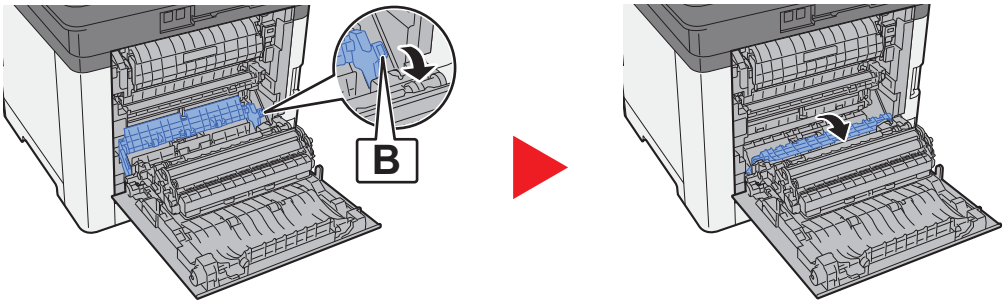
3 Open the cover (A).



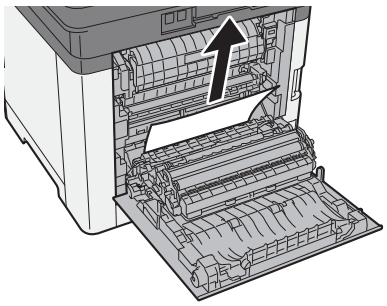
4 **Remove any jammed paper.**



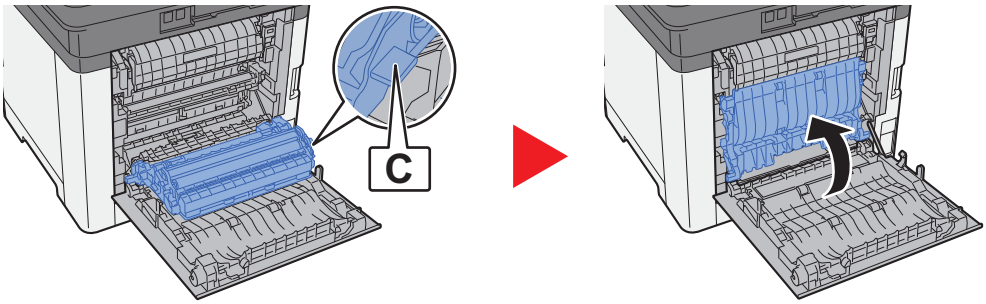
5 **Open the feed cover (B).**



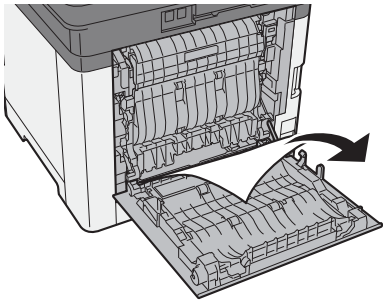
6 **Remove any jammed paper.**



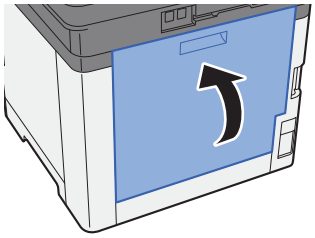
7 **Open the duplex unit (C).**



8 Remove any jammed paper.



9 Push Rear Cover 1.

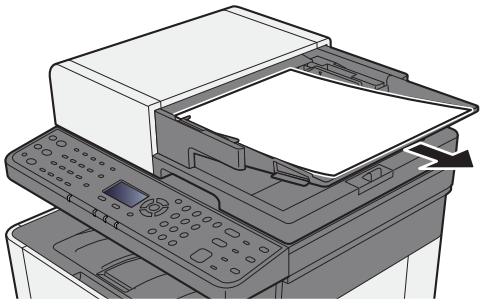


Remove any jammed paper in the Document Processor

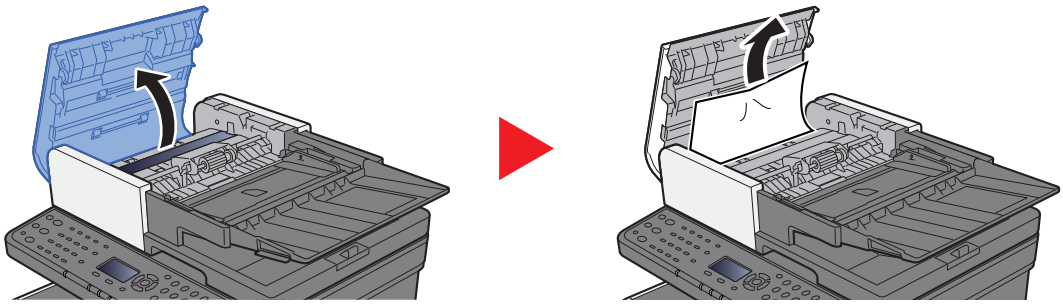
CAUTION

- **Do not reuse jammed papers.**
- **If the paper tears during removal, be sure to remove any loose scraps of paper from inside the machine. Scraps of paper left in the machine could cause subsequent jamming.**

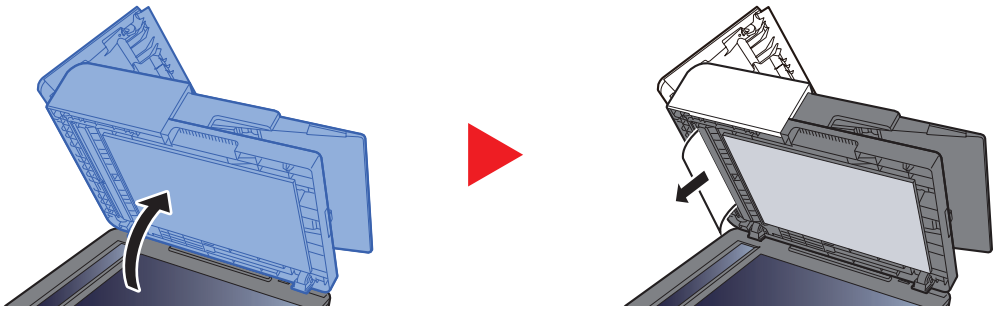
1 **Remove the originals from the Original Table.**



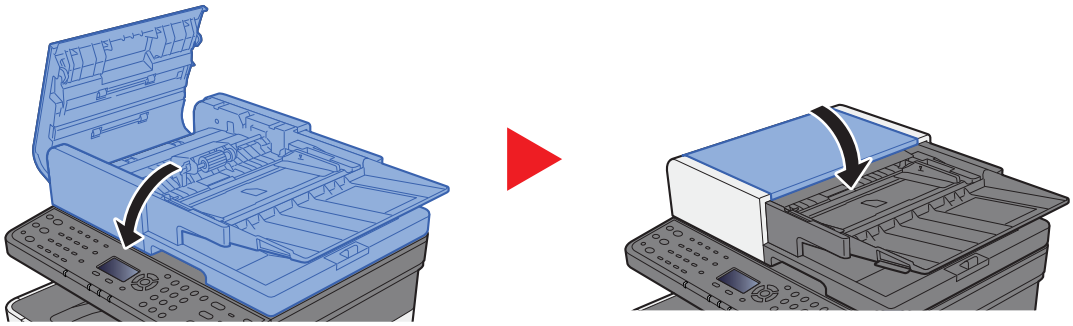
2 **Open the front cover and remove any jammed paper.**



3 **Remove originals inside the document processor.**



4 Push the cover.



11 Appendix

This chapter explains the following topics:

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- Overview of Optional Equipment 11-2
- Optional Applications 11-6
- Starting Application Use 11-6
- Checking Details of Application 11-7

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- Scanner Functions 11-23
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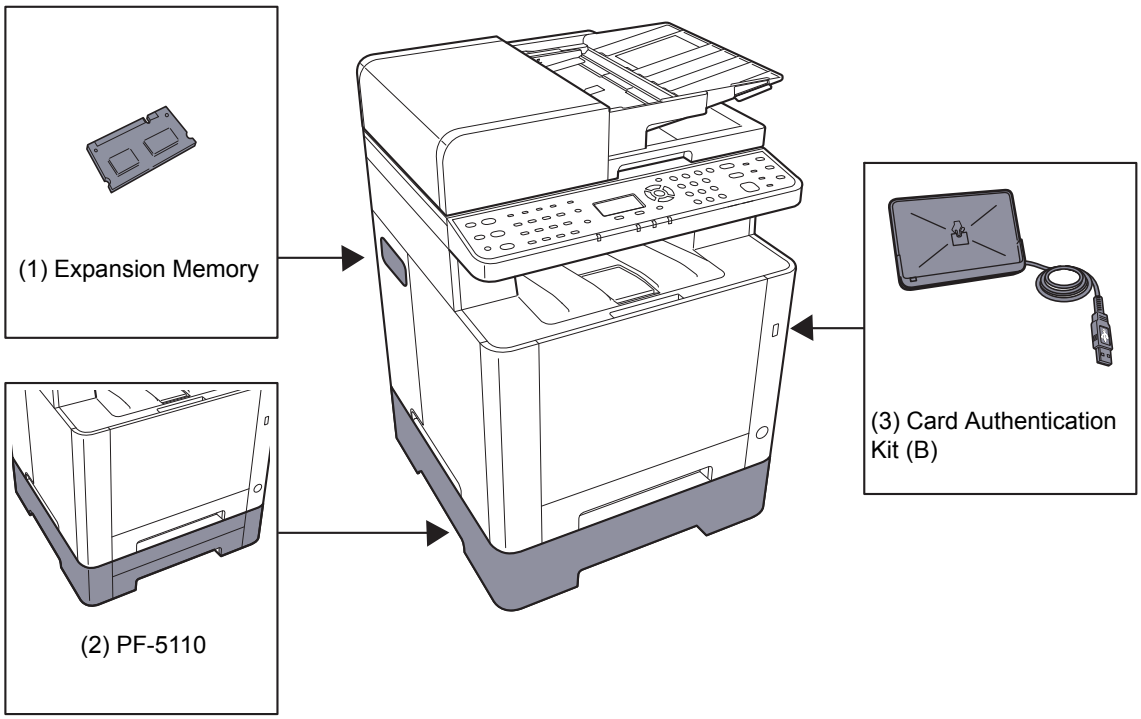
Optional Equipment

Overview of Optional Equipment

The following optional equipment is available for the machine.



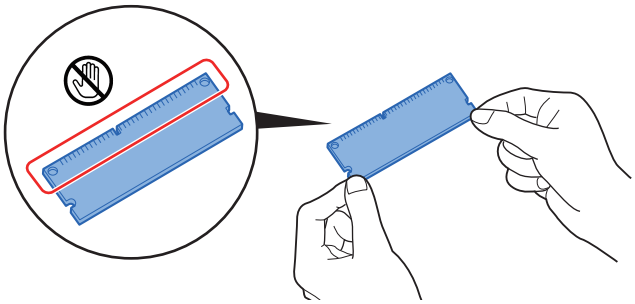
Software option
(4) UG-33

(5) SD/SDHC Memory Card
(6) USB Keyboard

(1) "Expansion Memory"

The machine can perform the more multiple jobs simultaneously by adding more memories. You can increase the machine's memory up to 1,536 MB by plugging in the optional memory modules.

Precautions for Handling the Memory Modules

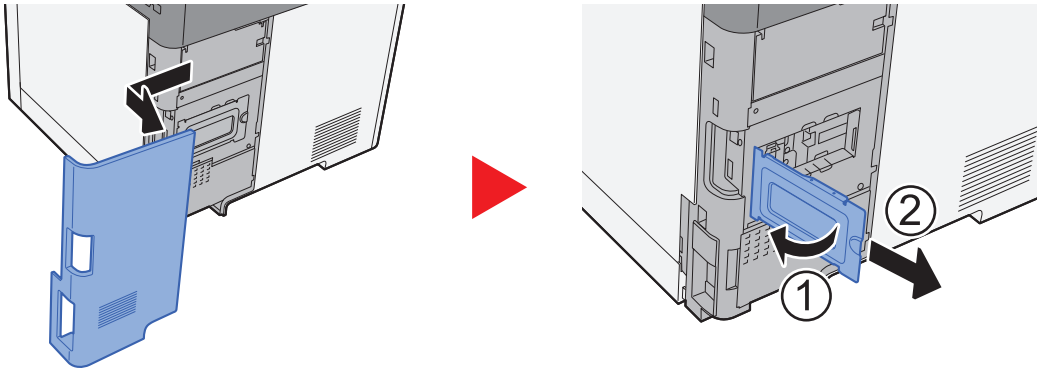


To protect electronic parts, discharge static electricity from your body by wearing an antistatic wrist strap, if possible, when you install the memory modules. If you do not have a wristband, touch a metal object to discharge static electricity before inserting the memory.

Installing the Memory Modules

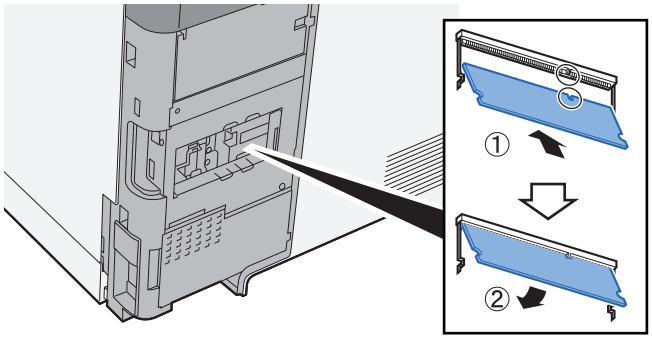
1 Turn off the machine and disconnect the power cord and interface cable.

2 Remove the covers.



3 Remove the memory module from its package.

4 With the memory connection terminal pointing toward the socket, align the cut-out part with the socket terminal and insert directly in at an angle.



5 Carefully press the inserted memory down and into the machine.

6 Reinstall the covers.

(2) PF-5110 "Paper Feeder"

The paper feeder can be installed in the printer.

Loading in the Cassette 2 (page 3-7)

(3) Card Authentication Kit(B) "Card Authentication Kit"

User login administration can be performed using ID cards. To do so, it is necessary to register ID card information on the previously registered local user list. For more information about how to register this information, refer to the following:

Card Authentication Kit(B) Operation Guide

(4) UG-33 "ThinPrint Option"

This application allows print data to be printed directly without a print driver.

(5) "SD/SDHC Memory Card"

An SD/SDHC memory card is useful for storing fonts, macros, and overlays. The machine is equipped with a slot for an SDHC memory card with a maximum size of 32 GB, and an SD memory card with a maximum size of 2 GB.

IMPORTANT

Unencrypted data is saved on the SD/SDHC memory card.

Exercise caution when saving sensitive documents.

Reading the SD/SDHC Memory Card

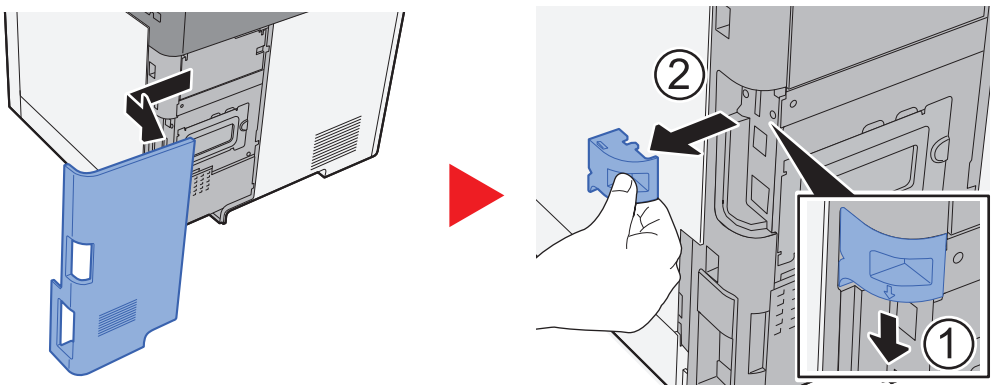
Once inserted in the machine's slot, the contents of the SD/SDHC memory card can be read from the operation panel or automatically when you power on or reset the machine.

Installing and Formatting the SD/SDHC Memory Card

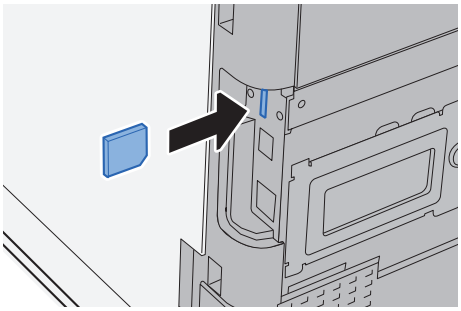
To use an unused SD/SDHC memory card, you must first use the machine to format the SD/SDHC memory card.

Format SD Card (page 8-30)

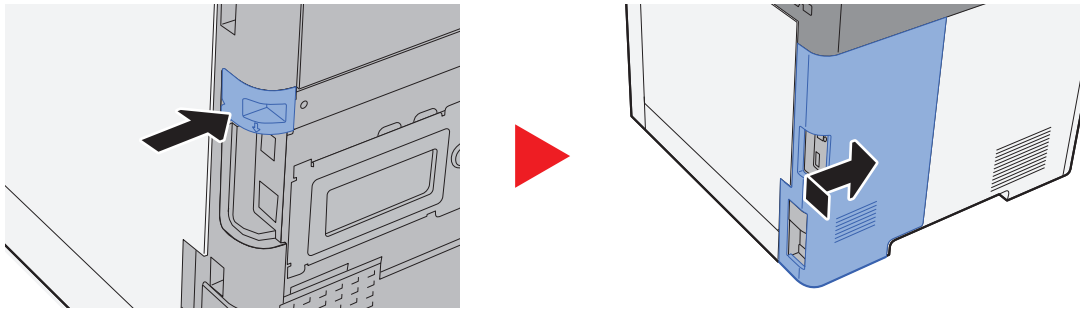
1. Power off the machine and unplug the power cord.
2. Remove the cover.



3 Insert the SD/SDHC memory card into the SD/SDHC memory card slot.



4 Replace the covers.



(6) USB Keyboard "USB Keyboard"

A USB keyboard can be used to enter information into the text fields on the operation panel. A special mount is also available to install the keyboard on the machine. Please contact your dealer or service representative for information on keyboards that are compatible with your machine before you purchase one.

Optional Applications

The applications listed below are installed on this machine.

Application
Card Authentication Kit
ThinPrint Option*1

*1 This can be used on a trial basis for a limited time.

NOTE

- Restrictions such as the number of times the application can be used during the trial period differ depending on the application.
- If you change the date/time while using the trial version of an application, you will no longer be able to use the application.

Starting Application Use

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key

NOTE

If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Login User Name: **2100**

Login Password: **2100**

2 [▲] [▼] key > [**Op Functions**] > [**OK**] key

2 Activate the application.

1 Select the desired application, and select the [**OK**] key.

NOTE

You can view detailed information on the selected application by selecting [**Menu**] > [▲] [▼] key > [**Detail**] > [**OK**] key.

2 [▲] [▼] key > [**Official**] > [**OK**] key

To use the application as a trial, select [**Trial**] without entering the license key.

3 Enter the license key > [**OK**] key

Some applications do not require you to enter a license key. If the license key entry screen does not appear, go to Step 6.

4 Select [**Yes**].

NOTE

If you started the Thin Print option and entered the license key, turn the power OFF/ON.

Checking Details of Application

1 Display the screen.

1 [**System Menu/Counter**] key > [▲] [▼] key > [**System/Network**] > [**OK**] key

> **NOTE**
> If the login user name entry screen appears during operations, enter a login user name and password, and select [**Login**]. For this, you need to login with administrator privileges.
>
> The factory default login user name and login password are set as shown below.
>
> **Login User Name:** **2100**
>
> **Login Password:** **2100**

2 [▲] [▼] key > [**Op Functions**] > [**OK**] key

2 Check the details of application.

1 Select the desired application, and select [**Menu**].

2 [▲] [▼] key > [**Detail**] > [**OK**] key

You can view detailed information on the selected application. Select the [►] key to view the next screen. Select the [◄] key to return to the previous screen.

The table below lists the item you can view.

Item
Function Name
License On
Trial Counts
Date of Trial
Status

Extend the trial period.

[◄] [►] key > [**Date of Trial**] > [**Extend**] > [**Yes**]

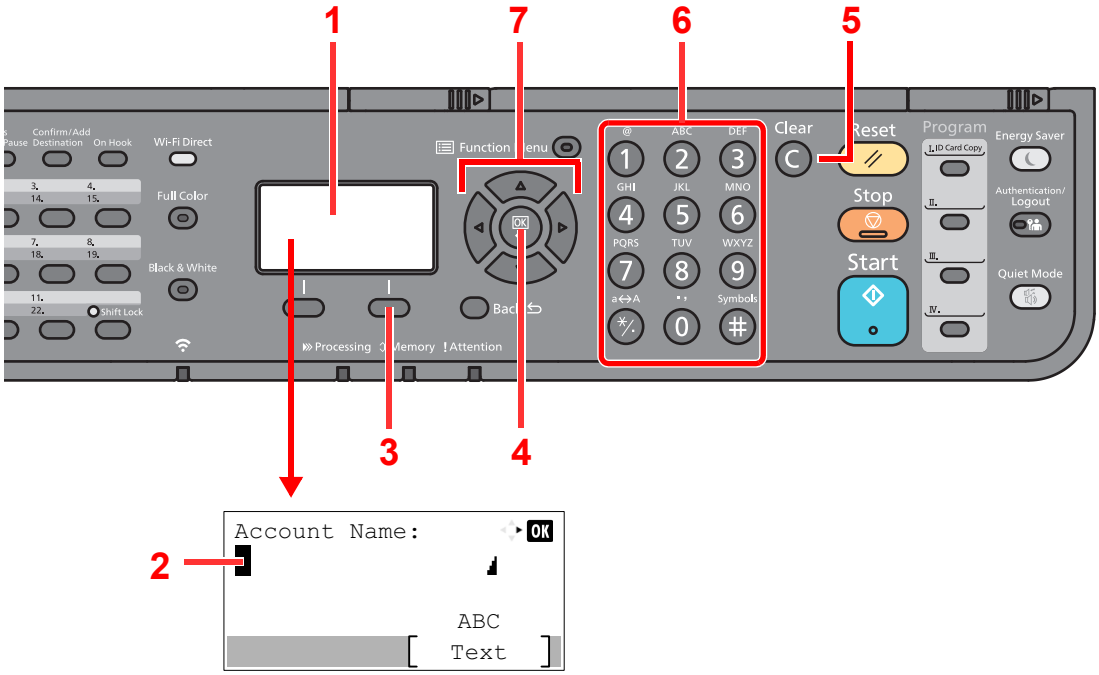
The trial period is extended.

Character Entry Method

This section explains how to enter characters.

Using the Keys

Use the following keys to enter characters.



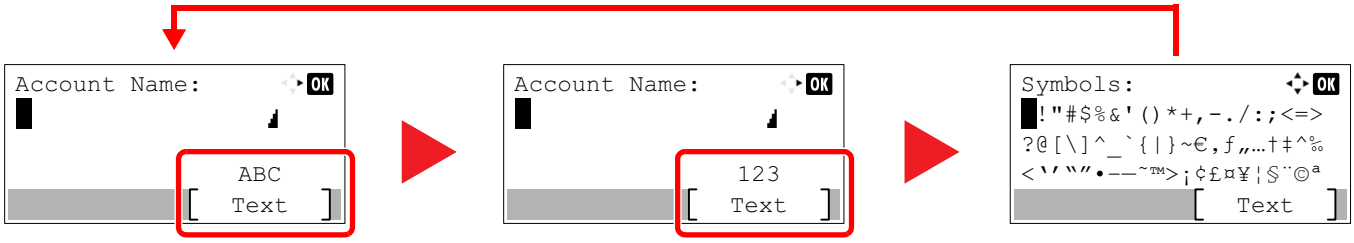
No.	Display/Key	Description
1	Message Display	Displays entered characters.
2	Cursor	Characters are entered at the position of the cursor.
3	Right Select key	Select to select the type of characters you want to enter. (When [**Text**] is displayed)
4	[**OK**] key	Select to finalize entry and return to the screen before the entry. To enter a symbol, select to confirm the selected symbol.
5	[**Clear**] key	Select to delete characters.
6	Numeric keys	Select to enter characters and symbols.
7	Arrow keys	Select to select the entry position, or select a character from the character list.

Selecting Type of Characters

To enter characters, the following three types are available:

Types	Description
ABC	To enter alphabets.
123	To enter numerals.
Symbols	To enter symbols.

In a character entry screen, select [**Text**] to select the type of characters you want to enter.



Each time you select [**Text**], the character type switches as follows: [**ABC**], [**123**], [**Symbols**], [**ABC**] ...

Characters That Can be Entered Using the Numeric Keys

The following table lists the characters that can be entered using the numeric keys.

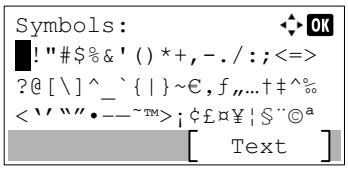
Keys	Characters (Each press of a key changes the character in the order from left to right.)									
.@ 1	.	@	-	_	/	:	~	1		(Repeats from the first character on the left)
	1 (During number entry)									
ABC 2	a	b	c	A	B	C	2			(Repeats from the first character on the left)
	2 (During number entry)									
DEF 3	d	e	f	D	E	F	3			(Repeats from the first character on the left)
	3 (During number entry)									
GHI 4	g	h	i	G	H	I	4			(Repeats from the first character on the left)
	4 (During number entry)									
JKL 5	j	k	l	J	K	L	5			(Repeats from the first character on the left)
	5 (During number entry)									
MNO 6	m	n	o	M	N	O	6			(Repeats from the first character on the left)
	6 (During number entry)									
PQRS 7	p	q	r	s	P	Q	R	S	7	(Repeats from the first character on the left)
	7 (During number entry)									
TUV 8	t	u	v	T	U	V	8			(Repeats from the first character on the left)
	8 (During number entry)									

Keys	Characters (Each press of a key changes the character in the order from left to right.)																		
WXYZ 9	w	x	y	z	W	X	Y	Z	9	(Repeats from the first character on the left)									
	9 (During number entry)																		
. , 0	.	,	-	_	'	!	?	(space)	0	(Repeats from the first character on the left)									
	0 (During number entry)																		
a↔A * / .	Select to change the character in the cursor position between upper case and lower case.																		
	"*" or "." (During number entry)																		
Symbols #	!	"	#	$	%	&	'	(	)	*	+	,	-	.	/	:	;		Displays the symbol list. For details, refer to the following: ➡ Entering Symbols (page 11-10)
	<	=	>	?	@	[	\	]	^	_	`	{	|	}	~				
	# (During number entry) * Depending on the functions, there are symbols that cannot be entered.																		

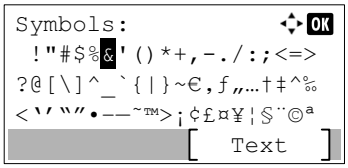
Entering Symbols

Symbols can be entered.

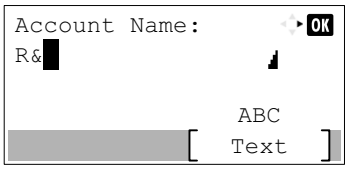
1 Select the [**#**] key. Displays the symbol list.



2 Select the [▲], [▼], [▶] or [◀] key to move the cursor and select the symbol to be entered.



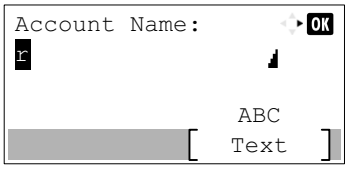
3 Select the [**OK**] key. The selected symbol is entered.



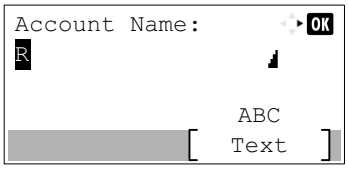
Entering Characters

Follow the steps shown below to enter "R&D" for example.

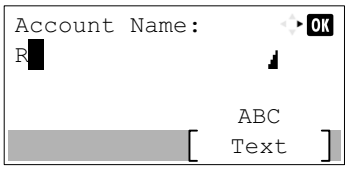
1 Select the [**7**] key three times. [**r**] is entered.



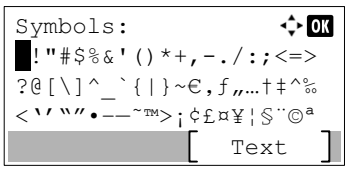
2 Select the [*/.] key. [**r**] changes to [**R**].



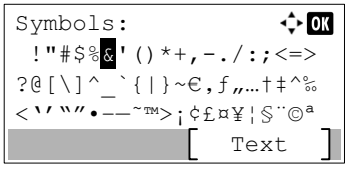
3 Select the [▶] key. The cursor moves to the right.



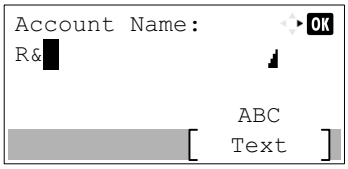
4 Select the [**#**] key. Displays the symbol list.



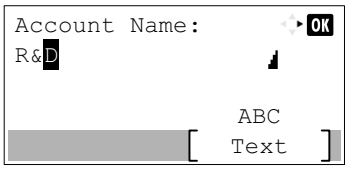
5 Select the [▲] or [▼] key to move the cursor and select [**&**].



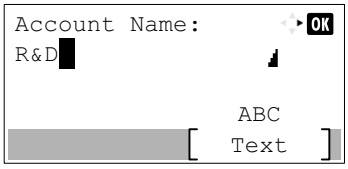
6 Select the [**OK**] key. [**&**] is entered.



7 Select the [**3**] key four times. [**D**] is entered.



8 Select the [▶] key.

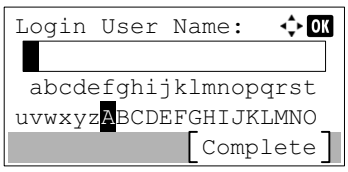


Entering Using the Character Selection Screen

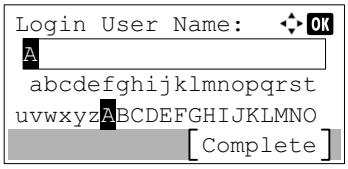
If "Login Operation" is [Select Character], then the screen is displayed to enter details by selecting from the characters on the message display. For details on changing the login operation method, refer to the following:

Function Defaults (page 8-28)

1 Select the [▲], [▼], [▶] or [◀] key to move the cursor and select the character to be entered.

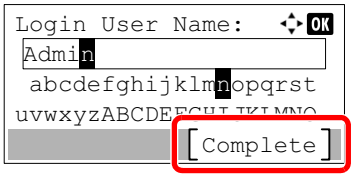


2 Select the [**OK**] key. The selected character is entered.



You can go back one character by selecting the [**Clear**] key.

3 When the entry is complete, select [**Complete**].



Paper

This section explains the paper sizes and types that can be used in the paper source.

For details on the sizes, types, and number of sheets of paper that can be loaded in each paper tray, refer to the following:

Specifications (page 11-21)

Basic Paper Specifications

This machine is designed to print on standard copy paper as used in regular ('dry') copiers and page printers such as laser printers. It also supports a variety of other types of paper that conform to the specifications given in this appendix.

Be careful when choosing paper. Paper unsuitable for the machine may cause jams or may be wrinkled.

Supported Paper

Use standard copy paper for regular copiers or laser printers. The printing quality will be affected by the quality of paper. Poor quality paper may result in unsatisfactory output.

Basic Paper Specifications that can be Used with This Machine

The following table lists the specifications of paper that is supported with this machine. Refer to the subsequent sections for further details.

Criteria	Specifications
Weight	Cassettes: 60 to 163 g/m^2
	Multipurpose tray: 60 to 220 g/m^2, 230 g/m^2 (Cardstock)
Dimensional accuracy	±0.7 mm
Squareness of corners	90° ±0.2°
Moisture content	4 to 6%
Pulp content	80% or more

NOTE

Some recycled paper does not meet requirements for use with this machine as listed in the Basic Paper Specifications shown below, such as moisture or pulp content. For this reason, we recommend purchasing a small amount of recycled paper as a sample for testing prior to use. Choose recycled paper that gives the best printing results and contains low levels of paper dust.

We are not responsible for the problems occurred from the use of paper that does not conform to our specifications.

Choosing the Appropriate Paper

This section describes guidelines for choosing paper.

Condition

Avoid using paper with bent corners or that is curled, dirty, or torn. Do not use paper that has a rough surface or paper fiber lint, or that is especially delicate. Use of paper in any of these conditions will not only deliver poor copies but may also cause jams and shorten the useful life of the machine. Choose paper with a smooth and even surface; however, avoid coated paper or paper with a treated surface as it may damage the drum or fusing unit.

Ingredients

Do not use paper such as paper that has been coated or surface-treated or paper that contains plastic or carbon. Those types of paper may produce harmful fumes from the heat of printing and may damage the drum.

Be sure to use the standard paper that contains at least 80% pulp, i.e., not more than 20% of the total paper content consists of cotton or other fibers.

Smoothness

The paper surface should be smooth, but it must be uncoated. With paper that is too smooth and slippery, several sheets may accidentally be supplied at once, causing jams.

Basis Weight

In countries that use the metric system, basis weight is the weight in grams of one sheet of paper one square meter in area. In the United States, basis weight is the weight in pounds of one ream (500 sheets) of paper cut to the standard size (or trade size) for a specific grade of paper. Paper that is too heavy or too light may be supplied incorrectly or cause paper jams, which may cause excessive wear of the machine. Mixed paper weight (i.e., thickness) may cause several sheets to be supplied at once accidentally and may also cause blurring or other printing problems if the toner fails to adhere correctly.

Moisture Content

Paper moisture content is the ratio of moisture to dryness expressed as a percentage. Moisture affects how the paper is supplied, the electrostatic chargeability of the paper, and how the toner adheres.

Paper moisture content varies depending on the relative humidity in the room. High relative humidity causes paper to become damp, making the edges expand so it appears wavy. Low relative humidity causes paper to lose moisture, making the edges tighten and weakening print contrast.

Wavy or tight edges may cause the paper to slip when it is supplied. Try to keep the moisture content between 4 to 6%.

To maintain the right level of moisture content, bear in mind the following considerations.

- Store paper in a cool, well-ventilated place.
- Store paper flat and unopened in the package. Once the package is opened, reseal it if the paper is not to be used for a while.
- Store paper sealed in the original package and box. Put a pallet under the carton to keep it raised above the floor. Especially during rainy seasons keep the paper a sufficient distance away from wooden or concrete floors.
- Before using paper that has been stored, keep it at the proper moisture level for at least 48 hours.
- Do not store paper where it is exposed to heat, sunlight, or dampness.

Other Paper Specifications

Porosity: The density of the paper fibers.

Stiffness: Paper must be stiff enough or it may buckle in the machine, causing jams.

Curl: Most paper naturally tends to curl after the package is opened. When paper passes through the fixing unit, it curls upward slightly. To deliver flat printouts, load the paper so that the curl faces towards the bottom of the paper tray.

Static electricity: During printing, paper is electrostatically charged so that the toner adheres. Choose paper that can be discharged quickly so that copies do not cling together.

Whiteness: Paper whiteness affects print contrast. Use whiter paper for sharper, brighter copies.

Quality: Machine problems may occur if sheet sizes are not uniform or if corners are not square, edges are rough, sheets are uncut, or edges or corners are crushed. In order to prevent these problems, be especially careful when you cut the paper yourself.

Packaging: Choose paper that is properly packaged and stacked in boxes. Ideally, the packaging itself should have been treated with a coating to inhibit moisture.

Specially treated paper: We do not recommend printing onto the following types of paper, even if it conforms to the basic specifications. When you use these kinds of paper, purchase a small amount first as a sample to test.

- Glossy paper
- Watermarked paper
- Paper with an uneven surface
- Perforated paper

Paper Sizes that can be Used with This Machine

Paper of the following sizes is supported by the machine.

Measurements in the table take into account a ±0.7 mm dimensional accuracy for length and width. Corner angles must be 90° ± 0.2°.

Multipurpose Tray

- Hagaki (Cardstock) (100 × 148 mm)
- Oufuku hagaki (Return postcard) (148 × 200 mm)
- Envelope Monarch (3-7/8 × 7-1/2")
- Envelope #10 (4-1/8 × 9-1/2")
- Envelope DL (110 × 220 mm)
- Envelope C5 (162 × 229 mm)
- Envelope #9 (3-7/8 × 8-7/8")
- Envelope #6 3/4 (3-5/8 × 6-1/2")
- Statement
- Youkei 4 (105 × 235 mm)
- Youkei 2 (114 × 162 mm)
- Custom (70 × 148 to 216 × 356 mm)

Cassettes or Multipurpose Tray

- Executive (7-1/4 × 10-1/2")
- Letter
- Legal
- A4 (297 × 210 mm)
- B5 (257 × 182 mm)
- A5-R (148 × 210 mm)
- A5 (210 × 148 mm)
- A6 (148 × 105 mm)
- B6 (182 × 128 mm)
- B5(ISO) (176 × 250 mm)
- Oficio II
- 216 × 340 mm
- 16K (273 × 197 mm)
- Statement-R
- Folio (210 × 330 mm)
- Custom (Cassette: 105 × 148 to 216 × 356 mm, Multipurpose Tray: 70 × 148 to 216 × 356 mm)

Special Paper

This section describes printing onto special paper and print media.

Special Paper that can be Used with This Machine

- Transparencies
- Preprinted paper
- Bond paper
- Recycled paper
- Thin paper
- Letterhead
- Colored paper
- Prepunched paper
- Envelopes
- Hagaki (Cardstock)
- Thick paper
- Labels
- Coated
- High-quality paper

When using these paper and media, choose those that are designed specifically for copiers or page printers (such as laser printers). Use the multipurpose tray for transparencies, thin paper, envelopes, cardstocks, label paper and coated.

Choosing Special Paper

Although special paper that meets the following requirements can be used with the machine, print quality will vary considerably due to differences in the construction and quality of special paper. Thus, special paper is more likely than regular paper to cause printing problems. Before purchasing special paper in volume, try testing a sample to ensure the print quality is satisfactory. General precautions when printing onto special paper are given below. Note that we are not responsible for any harm to the user or damage to the machine caused by moisture or specifications of special paper.

Select a cassette or multipurpose tray for special paper.

Transparencies

Transparencies must be able to withstand the heat of printing. Transparencies must meet the following conditions.

Heat resistance	Must withstand at least 190°C
Thickness	0.100 to 0.110 mm
Material	Polyester
Dimensional accuracy	±0.7 mm
Squareness of corners	90° ±0.2°

To avoid problems, use the multipurpose tray for transparencies and load transparencies with the long side facing the machine.

If transparencies jam frequently at output, try pulling the leading edge of sheets gently as they are ejected.

Label

Be sure to feed labels from the multipurpose tray.

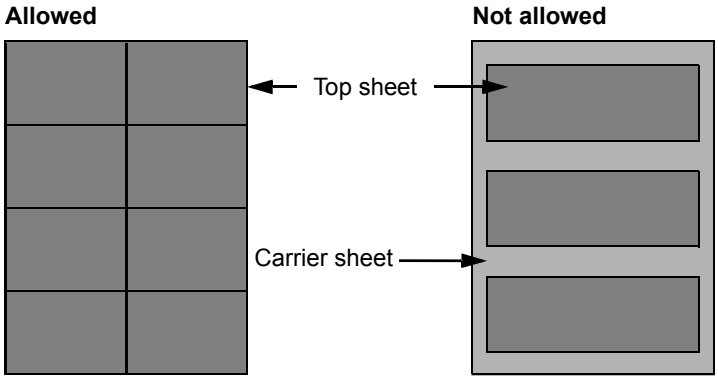
For selecting labels, use extreme care so that the adhesive may not come in direct contact with any part of the machine and that the labels are not easily peeled from the carrier sheet. Adhesives that stick to the drum or rollers and peeled labels remaining in the machine may cause a failure.

When printing onto labels, you must be liable for the print quality and possible trouble.

Labels consist of three layers as shown in the illustration. The adhesive layer contains materials that are easily affected by the force applied in the machine. The carrier sheet bears the top sheet until the label is used. This composition of labels may cause more problems.

The label surface must be covered completely with the top sheet. Gaps between labels may cause peeling of labels, resulting in a serious failure.

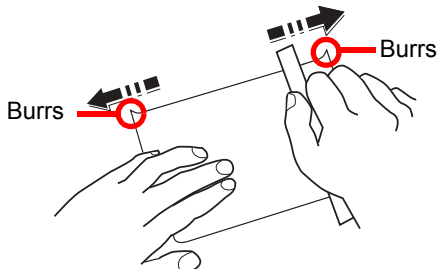
Some label paper has large margins on the top sheet. When using such paper, do not peel these margins from the carrier sheet before completing output.



Use label paper that conforms to the following specifications.

Top sheet weight	44 to 74 g/m²
Basis weight (overall paper weight)	104 to 151 g/m²
Top sheet thickness	0.086 to 0.107 mm
Overall paper thickness	0.115 to 0.145 mm
Moisture content	4 to 6 % (composite)

Hagaki (Cardstock)



Before loading Hagaki (Cardstock) into the multipurpose tray, fan them and align the edges. If the Hagaki (Cardstock) paper is curled, straighten it before loading. Printing onto curled Hagaki (Cardstock) may cause jams.

Use unfolded Oufuku hagaki (Return postcard) (available at post offices). Some Hagaki (Cardstock) may still have rough edges developed by a paper cutter on the back side. Remove any such rough edges by placing the Hagaki (Cardstock) on a flat surface and rubbing the edges gently a few times with a ruler.

Envelopes

Envelopes should be fed from the multipurpose tray.

Due to the structure of envelopes, printing evenly over the entire surface may not be possible in some cases. Thin envelopes in particular may be wrinkled by the machine in some cases as they pass through. Before purchasing envelopes in volume, try testing a sample to ensure the print quality.

Storing envelopes for a long period may cause them to become wrinkled. Thus, keep the package sealed until you are ready to use them.

Keep the following points in mind.

- Do not use envelopes with exposed adhesive. In addition, do not use the type of envelope in which the adhesive is exposed after the top layer is peeled off. Serious damage may be caused if the paper covering the adhesive comes off in the machine.
- Do not use envelopes with certain special features. For example, do not use envelopes with a grommet for winding a string to close the flap or envelopes with an open or film-covered window.
- If paper jams occur, load fewer envelopes at once.

Thick Paper

Before loading thick paper, fan it and align the edges. Some thick paper may still have rough edges developed by a paper cutter on the back side. Remove any such rough edges just as with Hagaki (Cardstock) by placing the paper on a flat surface and rubbing the edges gently a few times with a ruler. Printing onto paper with rough edges may cause jams.

NOTE

If the paper is not supplied correctly even after it is smoothed, load the paper with the leading edge raised a few millimeters.

Colored Paper

Colored paper must conform to the specifications.

Basic Paper Specifications (page 11-13)

In addition, the pigments in the paper must be able to withstand the heat of printing (up to 200°C or 392°F).

Preprinted Paper

Preprinted paper must conform to the specifications.

Basic Paper Specifications (page 11-13)

The colored ink must be able to withstand the heat of printing. It must be resistant to silicone oil as well. Do not use paper with a treated surface such as glossy paper used for calendars.

Recycled Paper

Recycled paper must conform to the specifications; however, its whiteness may be considered separately.

Basic Paper Specifications (page 11-13)

NOTE

Before purchasing recycled paper in volume, try testing a sample to ensure satisfactory print quality.

Coated Paper

Coated paper is created by treating the surface of the base paper with a coating that provides higher printing quality than plain paper. Coated paper is used for particularly high quality printing.

The surface of high-quality or medium-quality paper is coated with special agents that improve ink adhesion by making the paper surface smoother. These agents are used either to coat both sides of the paper or just one side. The coated side appears slightly glossy.

IMPORTANT

When printing on coated paper in very humid environments, ensure that the paper is kept dry as moisture may cause sheets to stick together when they are fed into the machine. If printing in very humid environments, set coated paper for one sheet each.

Specifications

IMPORTANT

Specifications are subject to change without notice.

NOTE

For more information on using the FAX, refer to the following:

FAX Operation Guide

Machine

Item		Description
Type		Desktop
Printing Method		Electrophotography by semiconductor laser
Paper Weight	**Cassette**	60 to 163 g/m^2
	Multipurpose Tray	60 to 220 g/m^2, 230 g/m^2 (Cardstock)
Paper Type	**Cassette**	Plain, Rough, Recycled, Preprinted, Bond, Color, Prepunched, Letterhead, Thick, High Quality, Custom 1 to 8 (Duplex: Same as Simplex)
	Multipurpose Tray	Plain, Transparency (OHP film), Rough, Labels, Recycled, Vellum, Preprinted, Bond, Cardstock, Coated, Color, Prepunched, Letterhead, Envelope, Thick, High Quality, Custom 1 to 8
Paper Size	**Cassette**	A4, A5-R, A5, A6, B5, B6, Letter, Legal, Statement-R, Executive,Oficio II, Folio, 216 × 340 mm, 16K, B5(ISO), Custom (105 × 148 mm to 216 × 356 mm)
	Multipurpose Tray	A4, A5-R, A5, A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement-R, Statement, Executive, Oficio II, 16K, B5(ISO), Envelope #10, Envelope #9, Envelope #6 3/4, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2, Custom (70 × 148 mm to 216 × 356 mm)
Printable area		Print margin for top, bottom and both sides is 4.2 mm.
Warm-up Time 23°C/73.4°F, 60 %	**Power on**	32 seconds or less
	Sleep	12 seconds or less
Paper Capacity	**Cassette**	250 sheets (80 g/m^2)*1
	Multipurpose Tray	50 sheets (A4/Letter or smaller) (80 g/m^2)
Output Tray Capacity	**Inner tray**	150 sheets (80 g/m^2)
Image Write System		Semiconductor laser and electrophotography
Memory		512 MB
Interface		USB Interface Connector: 1 (Hi-Speed USB) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) USB Port: 1 (Hi-Speed USB) Wireless LAN support*2 Fax: 1

*1 Up to upper limit height line in the cassette.
*2 Only ECOSYS M5521cdw

Item		Description
Operating Environment	**Temperature**	10 to 32.5°C/50 to 90.5°F
	Humidity	10 to 80 %
	Altitude	3,500 m/11,482 ft maximum
	Brightness	1,500 lux maximum
Dimension (W × D × H) **(Including the Document Processor)**		16.42" × 16.89" × 19.49" 417 × 429 × 495 mm
Weight **(without toner container)**		Approx. 57.33 lb/Approx. 26 kg
Space Required (W × D) **(Using multipurpose tray)**		16.42" × 24.14" 417 × 613 mm
Power Source		120 V Specification Model: 120 V ∿ 60 Hz 8.6 A 230 V Specification Model: 220 to 240 V ∿ 50/60 Hz 4.5 A
The power consumption of the product in networked standby (If all network ports are connected.)		2.2W
Options		➔ Optional Equipment (page 11-2)

Copy Functions

Item		Description		
Copy Speed			Black and White Copying	Full Color Copying
		A4/A5	21 sheets/min	21 sheets/min
		Letter	22 sheets/min	22 sheets/min
		Legal	18 sheets/min	18 sheets/min
		B5	22 sheets/min	22 sheets/min
		A5-R	22 sheets/min	22 sheets/min
		A6	22 sheets/min	22 sheets/min
		16K	22 sheets/min	22 sheets/min
First Copy Time (A4, place on the platen, feed from Cassette)	**Black and White**	10 seconds or less		
	Color	12 seconds or less		
Zoom Level		Manual mode: 25 to 400%, 1% increments Auto mode: Preset Zoom		
Continuous Copying		1 to 999 sheets		
Resolution		600 × 600 dpi, 9600 dpi equivalent × 600 dpi		
Supported Original Types		Sheet, Book, 3-dimensional objects (maximum original size: Legal/Folio)		
Original Feed System		Fixed		

Printer Functions

Item		Description
Printing Speed		Same as Copying Speed.
First Print Time (A4, feed from Cassette)	**Black and White**	11.0 seconds or less
	Color	12.5 seconds or less
Resolution		9600 dpi equivalent × 600 dpi, 1200 dpi × 1200 dpi (Data resolution is 600 dpi.)*1
Operating System		Windows XP, Windows Server 2003, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2008/R2, Windows Server 2012/R2, Mac OS 10.5 or later
Interface		USB Interface Connector: 1 (Hi-Speed USB) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) Wireless LAN support*2
Page Description Language		PRESCRIBE
Emulations		PCL6 (PCL-XL, PCL5c), KPDL3 (PostScript3 compatible), PDF, XPS, OpenXPS

*1 The processing speed will be slower than normal.
*2 Only ECOSYS M5521cdw

Scanner Functions

Item	Description
Resolution	300 × 300 dpi, 200 × 200 dpi, 200 × 100 dpi, 600 × 600 dpi, 400 × 400 dpi, 200 × 400 dpi
File Format	TIFF (MMR/JPEG compression), JPEG, PDF (MMR/JPEG compression), XPS, High compressive PDF, Encrypted PDF, OPEN XPS, PDF/A-1
Scanning Speed*1	1-sided B/W 30 Images/min Color 12 Images/min (A4 landscape, 300 × 600 dpi, Image quality: Text/Photo original)
Interface	Ethernet (10 BASE-T/100 BASE-TX/1000 BASE-T), USB, Wireless LAN support*2
Transmission System	SMBv3, SMTP, FTP, FTP over SSL, USB, TWAIN*3, WIA*4, WSD

*1 When using the document processor (except TWAIN and WIA scanning)
*2 Only ECOSYS M5521cdw
*3 Available Operating System: Windows XP/Windows Vista/Windows Server 2003/Windows Server 2008/Windows Server 2008 R2/Windows 7/Windows 8/Windows 8.1/Windows 10/Windows Server 2012/Windows Server 2012 R2
*4 Available Operating System: Windows Vista/Windows Server 2008/Windows Server 2008 R2/Windows 7/Windows 8/Windows 8.1/Windows Server 2012/Windows Server 2012 R2/Windows 10

Document Processor

Item	Description
Supported Original Types	Sheet originals
Paper Size	Maximum: Legal/A4 Minimum: Statement/A6
Paper Weight	50 to 160 g/m^2
Loading Capacity	50 sheets (50 to 80 g/m²) maximum*1

*1 Up to upper limit height line in the document processor

Paper Feeder

Item	Description
Paper Supply Method	Friction retard feeder (No. Sheets: 250, 80 g/m^2, 1 cassette)
Paper Size	A4, A5-R, A5, B5, A6, B6, Letter, Legal, Folio, 216 × 340 mm, Statement-R, Executive, Oficio II, 16K, B5(ISO), Custom (105 × 148 to 216 × 356 mm)
Supported Paper	Paper weight: 60 to 163 g/m² Media types: Plain, Recycled, Special Paper
Dimensions **(W) × (D) × (H)**	16.15" × 17.62" × 5.79" 410 × 447.5 × 147 mm
Weight	Approx. 7.94 lb/Approx. 3.6 kg

NOTE

Consult your dealer or service representative for recommended paper types.

Glossary

Accessibility

The machine is designed featuring good accessibility even for the elderly and those who are physically challenged or visually impaired.

Apple Talk

AppleTalk offers file sharing and printer sharing and it also enables you to utilize application software that is on another computer on the same AppleTalk network.

Auto Form Feed Timeout

During data transmission, the machine may sometimes have to wait until receiving the next data. This is the auto form feed timeout. When the preset timeout passes, the machine automatically prints output. However, no output is performed if the last page has no data to be printed.

Auto-IP

Auto-IP is a module that enables dynamic IPv4 addresses to be assigned to a device on startup. However, DHCP requires a DHCP server. Auto-IP is a server-less method of choosing an IP address. IP addresses between 169.254.0.0 to 169.254.255.255 are reserved for Auto-IP and assigned automatically.

Auto Paper Selection

A function to automatically select paper in the same size as originals when printing.

Auto Sleep

A mode designed for electrical power saving, activated when the machine is left unused or there is no data transfer for a specific period. In Sleep mode, power consumption is kept to a minimum.

Bonjour

Bonjour, also known as zero-configuration networking, is a service that automatically detects computers, devices and services on an IP network. Bonjour, because an industry-standard IP protocol is used, allows devices to automatically recognize each other without an IP address being specified or DNS server being set. Bonjour also sends and receives network packets by UDP port 5353. If a firewall is enabled, the user must check that UDP port 5353 is left open so that Bonjour will run correctly. Some firewalls are set up so as to reject only certain Bonjour packets. If Bonjour does not run stably, check the firewall settings and ensure that Bonjour is registered on the exceptions list and that Bonjour packets are accepted. If you install Bonjour on Windows XP Service Pack 2 or later, the Windows firewall will be set up correctly for Bonjour.

Default Gateway

This indicates the device, such as a computer or router, that serves as the entrance/exit (gateway) for accessing computers outside the network that you are on. When no specific gateway is designated for a destination IP address, data is sent to the host designated as the Default Gateway.

DHCP (Dynamic Host Configuration Protocol)

Dynamic Host Configuration Protocol (DHCP) that automatically resolves IP addresses, subnet masks, and gateway addresses on a TCP/IP network. DHCP minimizes the load of network management employing a large number of client computers because it relieves individual clients including printers from the IP address being assigned.

DHCP (IPv6)

DHCP (IPv6) is the next-generation of the Internet's Dynamic Host Configuration Protocol and supports IPv6. It extends the BOOTP startup protocol that defines the protocols used for transferring configuration information to hosts on the network. DHCP (IPv6) permits the DHCP server to use its expanded functionality to send configuration parameters to an IPv6 node. Because the network addresses that can be used are allocated automatically, the IPv6 node management workload is reduced in systems where the administrator has to exercise close control over IP address allocation.

dpi (dots per inch)

A unit for resolution, representing the number of dots printed per inch (25.4 mm).

EcoPrint Mode

A printing mode that helps save toner. Copies made in this mode are thus lighter than normal.

Emulation

The function to interpret and execute other printers' page description languages. The machine emulates operation of PCL6, KPDL3 (PostScript 3 compatible).

Enhanced WSD

Proprietary web services.

FTP (File Transfer Protocol)

A protocol to transfer files on the TCP/IP network, whether the Internet or an intranet. Along with HTTP and SMTP/POP, FTP is now frequently used on the Internet.

Grayscale

A computer color expression. Displayed images of this sort are typically composed of shades of gray, varying from black at the weakest intensity to white at the strongest, without any other colors. Gray levels are displayed in numerical levels: that is, white and black only for 1 bit; 256 gray levels (including white and black) for 8 bits; and 65,536 gray levels for 16 bits.

Help

A [**Help**] key is provided on this machine's operation panel. If you are unsure of how to operate the machine, would like more information on its functions or are having problems getting the machine to work properly, press the [**Help**] key to view a detailed explanation on the message display.

IP Address

An Internet protocol address is a unique number that represents a specific computer or related device on the network. The format of an IP address is four sets of numbers separated by dots, e.g. 192.168.110.171. Each number should be between 0 and 255.

IPP

IPP (Internet Printing Protocol) is a standard that uses TCP/IP networks such as the Internet to enable print jobs to be sent between remote computers and printers. IPP is an extension of the HTTP protocol used to view websites and enables printing to be carried out via routers on printers in remote locations. It also supports the HTTP authentication mechanisms along with SSL server and client authentication as well as encryption.

Job Box

The Job Box function stores print data on the printer and allows users to print single or multiple copies of the stored data later using the printer's operation panel.

KPDL (Kyocera Page Description Language)

Kyocera's PostScript page description language compatible with Adobe PostScript Level 3.

Multipurpose (MP) Tray

The paper supply tray on the front side of the machine. Use this tray instead of the cassettes when printing onto envelopes, Hagaki (Cardstock), transparencies, or labels.

NetBEUI (NetBIOS Extended User Interface)

An interface, developed by IBM in 1985, as an update from NetBIOS. It enables more advanced functions on smaller networks than other protocols such as TCP/IP, etc. It is not suitable for larger networks due to lack of routing capabilities to choose the most appropriate routes. NetBEUI has been adopted by IBM for its OS/2 and Microsoft for its Windows as a standard protocol for file sharing and printing services.

Outline font

With outline fonts, character outlines are represented with numerical expressions and fonts can be enlarged or reduced in different ways by changing the numeric values of those expressions. Printing remains clear even if you enlarge fonts, since the characters are defined with outlines represented with numerical expressions. You can specify the font size in steps of 0.25 points up to 999.75 points.

PDF/A

This is "ISO 19005-1. Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF (PDF/A)", and is a file format based on PDF 1.4. It has been standardized as ISO 19005-1, and is a specialization of PDF, which has been mainly used for printing, for long-term storage. A new part, ISO 19005-2 (PDF/A-2), is currently being prepared.

POP3 (Post Office Protocol 3)

A standard protocol to receive E-mail from the server in which the mail is stored on the Internet or an intranet.

PostScript

A page description language developed by Adobe Systems. It enables flexible font functions and highly-functional graphics, allowing higher quality printing. The first version called Level 1 was launched in 1985, followed by Level 2 that enabled color printing and two-byte languages (e.g. Japanese) in 1990. In 1996, Level 3 was released as an update for the Internet access and PDF format as well as gradual improvements in implementation technologies.

PPM (prints per minute)

This indicates the number of A4 size printouts made in one minute.

Printer Driver

The software to enable you to print data created on any application software. The printer driver for the machine is contained in the DVD enclosed in the package. Install the printer driver on the computer connected to the machine.

RA(Stateless)

The IPv6 router communicates (transmits) information such as the global address prefix using ICMPv6. This information is the Router Advertisement (RA).

ICMPv6 stands for Internet Control Message Protocol, and is a IPv6 standard defined in the RFC 2463 "Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification".

RAM Disk

Using part of the printer's memory as a virtual disk, you can set any amount of memory from overall printer memory as a RAM disk in order to use features such as electronic sorting (shortening print time).

Send as E-mail

A function to send the image data stored in the machine as an E-mail attachment. E-mail addresses can be selected from the list or entered at each time.

SMTP (Simple Mail Transfer Protocol)

A protocol for E-mail transmission over the Internet or an intranet. It is used for transferring mail between mail servers as well as for sending mail from clients to their servers.

Status Page

The page lists machine conditions, such as the memory capacity, total number of prints and scans, and paper source settings.

Subnet Mask

The subnet mask is a way of augmenting the network address section of an IP address.

A subnet mask represents all network address sections as 1 and all host address sections as 0. The number of bits in the prefix indicates the length of the network address. The term "prefix" refers to something added to the beginning and, in this context, indicates the first section of the IP address. When an IP address is written, the length of the network address is indicated by the prefix length after a forward slash (/). For example, "24" in the address "133.210.2.0/24". In this way, "133.210.2.0/24" denotes the IP address "133.210.2.0" with a 24-bit prefix (network section). This new network address section (originally part of the host address) made possible by the subnet mask is referred to as the subnet address. When you enter the subnet mask, be sure to set the "DHCP" setting to "Off".

TCP/IP (Transmission Control Protocol/Internet Protocol)

TCP/IP is a suite of protocols designed to define the way computers and other devices communicate with each other over a network.

TCP/IP (IPv6)

TCP/IP (IPv6) is based on the current Internet protocol, TCP/IP (IPv4). IPv6 is the next-generation Internet protocol and expands the available address space, which resolves the problem of the lack of addresses under IPv4, while also introducing other improvements such as additional security functionality and the capacity to prioritize data transmission.

TWAIN (Technology Without An Interesting Name)

A technical specification for connecting scanners, digital cameras, and other image equipment to computers. The TWAIN compatible devices enable you to process image data on any relevant application software. TWAIN is adopted on a large amount of graphic software (e.g. Adobe Photoshop) and OCR software.

USB (Universal Serial Bus) 2.0

A USB interface standard for Hi-Speed USB 2.0. The maximum transfer rate is 480 Mbps. This machine is equipped with USB 2.0 for high-speed data transfer.

WIA (Windows Imaging Acquisition)

A function to import images supported after Windows Me/XP from digital cameras and other peripheral devices. This function replaces what TWAIN used to do. The feature is provided as a part of Windows functions and improves ease of operation, so that you import images directly to My Computer without using any application.

WPS (Wi-Fi Protected Setup)

WPS is a network security standard created by Wi-Fi Alliance, to make it easy to connect with the wireless devices and set up the Wi-Fi Protected Access. The WPS-supported services can connect to the wireless access points by pushing a button or entering passphrases.

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QUALITY CERTIFICATE

This machine has passed all quality controls and final inspection

For the KYOCERA contact in your region, see Seles Sites sections here.
https://www.kyoceradocumentsolutions.com/company/directory.html

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