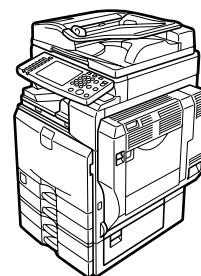


Read This First



C3535/C4540
DSc535/DSc545
LD435c/LD445c
Aficio™ MP C3500/C4500

Operating Instructions About This Machine



-
- 1** Getting Started
 - 2** Entering Text
 - 3** Appendix

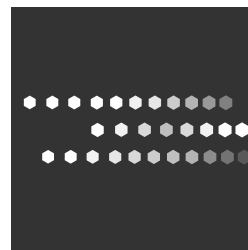
Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in this manual before using the machine.

Draft 2006/03/07

Type for C3535/DSc535/LD435c/Aficio MP C3500
Type for C4540/DSc545/LD445c/Aficio MP C4500

Operating Instructions
Also see the manual for the machine.

Operating Instructions About This Machine



Printed in China

EN USA

B222-7737



Draft 2006/03/07

Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.



Notes:

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.



Laser Safety:

This equipment complies with requirements of 21 CFR subchapter J for class 1 laser products. This equipment contains four AlGaInP laser diodes, 7-milliwatt, 645-660 nanometer wavelength for each emitter. This equipment does not emit hazardous light, since the beam is totally enclosed during all customer modes of operation and maintenance.

Caution:

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

Notes:

The model names of the machines do not appear in the following pages. Check the type of your machine before reading this manual. (For details, see p.14 "Machine Types".)

- Type 1: C3535/DSc535/LD435c/Aficio MP C3500
- Type 2: C4540/DSc545/LD445c/Aficio MP C4500

Certain types might not be available in some countries. For details, please contact your local dealer.

Two kinds of size notation are employed in this manual. With this machine refer to the inch version.

For good copy quality, the supplier recommends that you use genuine toner from the supplier.

The supplier shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the supplier with your office products.

Power Source

120V, 60Hz, 12A or more

Please be sure to connect the power cord to a power source as above. For details about power source, see Troubleshooting.

In accordance with IEC 60417, this machine uses the following symbols for the main power switch:

I means POWER ON.

○ means POWER OFF.

⏻ means STAND BY.

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The proper names of the Windows operating systems are as follows:

The product name of Windows® 95 is Microsoft® Windows® 95

The product name of Windows® 98 is Microsoft® Windows® 98

The product name of Windows® Me is Microsoft® Windows® Millennium Edition (Windows Me)

The product names of Windows® 2000 are as follows:

Microsoft® Windows® 2000 Advanced Server

Microsoft® Windows® 2000 Server

Microsoft® Windows® 2000 Professional

The product names of Windows® XP are as follows:

Microsoft® Windows® XP Professional

Microsoft® Windows® XP Home Edition

The product names of Windows Server™ 2003 are as follows:

Microsoft® Windows Server™ 2003 Standard Edition

Microsoft® Windows Server™ 2003 Enterprise Edition

Microsoft® Windows Server™ 2003 Web Edition

The product names of Windows NT® are as follows:

Microsoft® Windows NT® Server 4.0

Microsoft® Windows NT® Workstation 4.0

Manuals for This Machine

Refer to the manuals that are relevant to what you want to do with the machine.

❖ **About This Machine**

Be sure to read the Safety Information in this manual before using the machine.

This manual provides an introduction to the functions of the machine. It also explains the control panel, preparation procedures for using the machine, how to enter text, and how to install the CD-ROMs provided.

❖ **General Settings Guide**

Explains User Tools settings, and Address Book procedures such as registering fax numbers, e-mail addresses, and user codes. Also refer to this manual for explanations on how to connect the machine.

❖ **Troubleshooting**

Provides a guide to solving common problems, and explains how to replace paper, toner, staples, and other consumables.

❖ **Security Reference**

This manual is for administrators of the machine. It explains security functions that the administrators can use to protect data from being tampered, or prevent the machine from unauthorized use.

Also refer to this manual for the procedures for registering administrators, as well as setting user and administrator authentication.

❖ **Copy/ Document Server Reference**

Explains Copier and Document Server functions and operations. Also refer to this manual for explanations on how to place originals.

❖ **Facsimile Reference**

Explains Facsimile functions and operations.

❖ **Printer Reference**

Explains Printer functions and operations.

❖ **Scanner Reference**

Explains Scanner functions and operations.

❖ **Network Guide**

Explains how to configure and operate the machine in a network environment, and use the software provided.

This manual covers all models, and includes descriptions of functions and settings that might not be available on this machine. Images, illustrations, and information about operating systems that are supported might also differ slightly from those of this machine.

❖ **Other manuals**

- PostScript3 Supplement
- UNIX Supplement

- Manuals for DeskTopBinder Lite
 - DeskTopBinder Lite Setup Guide
 - DeskTopBinder Introduction Guide
 - Auto Document Link Guide

 Note

- ☐ Manuals provided are specific to machine types.
- ☐ Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.
- ☐ For “UNIX Supplement”, please visit our Web site or consult an authorized dealer.
- ☐ “PostScript3 Supplement” and “UNIX Supplement” include descriptions of functions and settings that might not be available on this machine.
- ☐ The following software products are referred to using general names:

Product name	General name
DeskTopBinder Lite ^{*1} and DeskTopBinder Professional	DeskTopBinder
ScanRouter EX Professional ^{*1} and ScanRouter EX Enterprise ^{*1}	The ScanRouter delivery software

^{*1} Optional

What You Can Do with This Machine

This section introduces the features of this machine.

Note

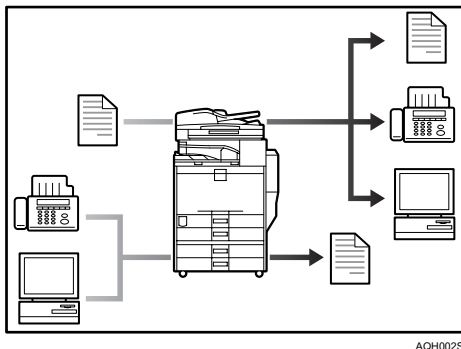
□ For details about options, see “Options”.

Reference

p.16 “Options”

Copier, Facsimile, Printer, and Scanner Functions

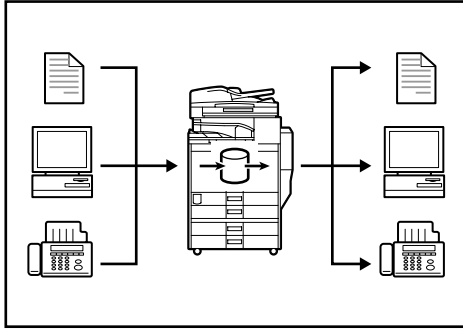
This machine provides copier, facsimile (optional), printer, and scanner functions.



- You can make copies of originals. With a finisher (optional), you can staple copies. See Copy Reference.
- You can send originals by fax or e-mail, and receive faxes from other parties. See Facsimile Reference.
- You can print documents created in applications. See Printer Reference. You can print documents from Windows 95/98/Me (TCP/IP, IPP), Windows 2000 (TCP/IP, IPP), Windows XP/Server 2003 (TCP/IP, IPP), Windows NT 4.0 (TCP/IP, IPP), NetWare, UNIX (TCP/IP), and Macintosh (AppleTalk) environments because the machine supports all these. (multi-protocol)
- You can scan originals and send scan files to a computer. See Scanner Reference.

Utilizing Stored Documents

You can store files scanned by this machine, or files sent from other fax machine or computers, into the machine's hard disk. You can print and fax stored files as required. You can also change print settings and print multiple documents (Document Server).



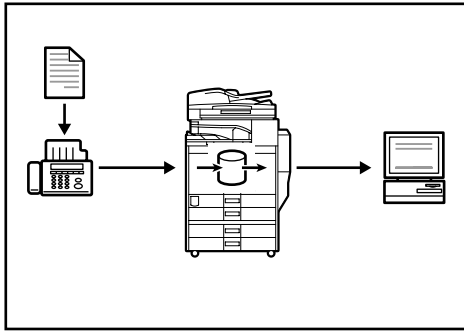
- With DeskTopBinder (optional), you can search, check, print and delete stored documents using your computer.
- You can also retrieve stored documents scanned in printer or scanner mode. For details, see Printer Reference, and Scanner Reference.
- You can retrieve files scanned under the copier function. For details, see Scanner Reference.
- For more information about machine's settings, see "Network Settings", General Settings Guide.
- For more information about document server in printer mode, see "Saving and Printing Using the Document Server", Printer Reference.
- For more information about document server in fax mode, see "Storing a Document", Facsimile Reference.
- For more information about document server in scanner mode, see "Storing Files Using the Scanner Function", Scanner Reference.
- For more information about document server, see "Document Server", Copy/Document Server Reference.
- For more information about DeskTopBinder, see DeskTopBinder manuals.

Paperless Fax Transmission and Reception

You can store received fax messages on the machine's hard disk, instead of printing them onto paper.

Reception

You can store received fax documents in electrical format without printing it onto paper.

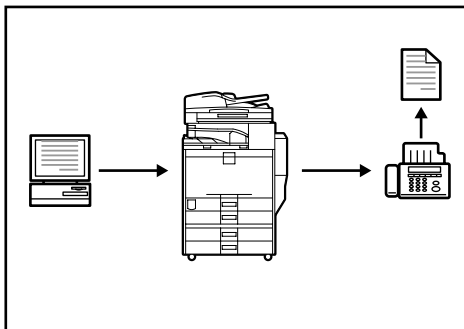


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- You can use DeskTopBinder (optional) or a Web Image Monitor to check, print, delete, retrieve, or download documents using your computer (Storing received documents). See Facsimile Reference.

Transmission

You can send a fax from your computer over the network (Ethernet, IEEE 1394 (IPv4 over 1394), or wireless LAN) to this machine, which then forwards the fax via its telephone connection (LAN-Fax).



AQH015S

- Print from a Windows application, select the LAN-Fax printer, and then select the fax destination.
- The sender can check the images s/he has sent.
- For more information about machine's settings, see "Network Settings", General Settings Guide.
- For more information about how to use the function, see "Fax via Computer", Facsimile Reference.

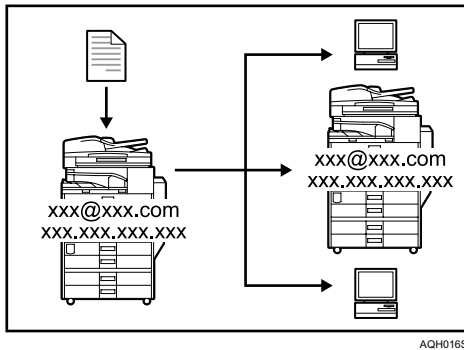
Fax Transmission and Reception Through the Internet

You can send fax documents via e-mail by specifying the recipient's e-mail address (Internet Fax Transmission).

You can receive sent documents via Internet Fax, or from computers (Internet Fax Reception).

You can send fax documents by specifying IP-fax destination using IPv4 addresses (IP-Fax Transmission).

You can receive sent documents via Internet Fax (IP-Fax Reception).



❖ Internet Fax

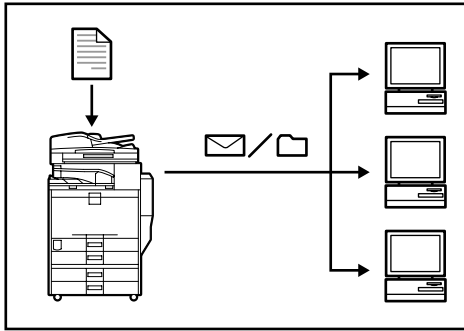
- You can send fax documents through e-mail by specifying the recipient's e-mail address.
- You can receive sent documents via Internet Fax, or from computers.
- You can receive data such as e-mail from computers and faxes from Internet fax machines, and then print or forward that data.
- For more information about machine's settings, see "Network Settings", General Settings Guide.
- For more information about how to use the function, see "Transmission", "Reception", Facsimile Reference.

❖ IP-Fax

- You can exchange documents between fax machines directly connected to the TCP/IP network.
- You can send documents by specifying an IPv4 address or host name instead of a fax number.
- For details about the machine's settings, see "Network Settings", General Settings Guide.
- For details about how to use this function, see "Transmission" and "Reception", Facsimile Reference.

Using the Scanner in a Network Environment

You can use a scanner over the network.

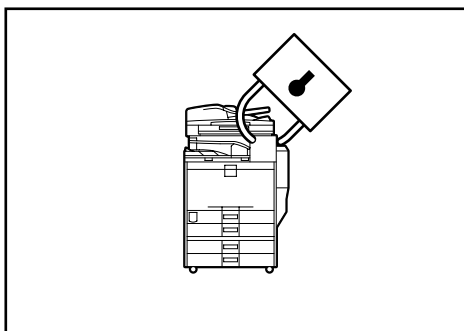


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- You can send scan files to a specified destination using e-mail (Sending scan file by e-mail). See “Sending Scan Files by E-mail”, Scanner Reference.
- With the ScanRouter delivery software, you can save scan files in specified destinations on network computers (Saving scan files). See Scanner Reference.
- You can send scan files directly to folders (Sending scan file by Scan to Folder). See “Sending Scan Files by Scan to Folder”, Scanner Reference.
- You can use this machine as a delivery scanner for the ScanRouter delivery application (Network delivery scanner). You can save scan files in the delivery server or send them to a folder in a computer on the same network. For details about the machine's settings, see “Network Settings”, General Settings Guide. For details about how to use the function, see “Delivering Scan Files”, Scanner Reference.

Administering the Machine/Protecting Documents (Security Functions)

You can prevent information leakage by managing the machine and protecting documents.



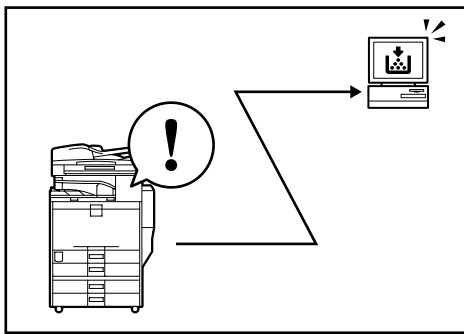
AQH018S

- You can protect documents from unauthorized access and stop them from being copied without permission. See Security Reference.

- You can control the use of the machine, as well as prevent machine settings from being changed without authorization. See Security Reference.
- By setting passwords, you can prevent unauthorized access via the network. See Security Reference.
- You can erase the data on the hard disk to prevent the information from leaking out. See the manual for the DataOverWriteSecurity Unit and Security Reference.

Monitoring the Machine Via Computer

You can monitor machine status and change settings using a computer.

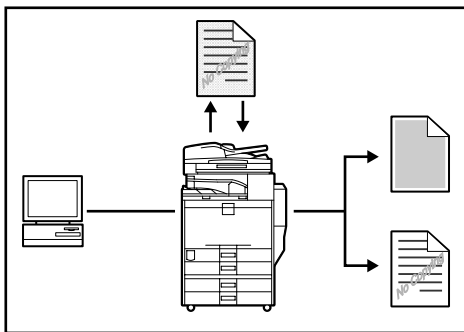


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- Using SmartDeviceMonitor for Admin, SmartDeviceMonitor for Client, or a Web Image Monitor, you can use a computer to view the machine's status, such as to check on paper quantities, or misfeeds, etc. See General Settings Guide.
- You can use a Web Image Monitor to make network settings. See General Settings Guide.
- With Web Image Monitor, you can register an address book. See the Web Image Monitor's Help.

Preventing an Unauthorized Copy

You can print embedded pattern on paper to prevent them from being copied.



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- Using the printer driver, you can embed a pattern in the printed document. If the document is copied on a machine with the Copy Data Security Unit (optional), protected pages are grayed out in the copy, preventing confidential information from being copied. If a document protected by unauthorized copy guard is copied on a machine that is equipped with the Copy Data Security Unit, the machine beeps to notify users that unauthorized copying is being attempted.
If the document is copied on a machine without the Copy Data Security Unit, the hidden text becomes conspicuous in the copy, showing that the copy is unauthorized.
See the printer driver Help and Printer Reference.
- Using the printer driver, you can embed text in the printed document for unauthorized copy prevention. If the document is copied, scanned, or stored in a Document Server by a copier or multifunction printer, the embedded text appears conspicuous in the copy, discouraging such unauthorized copying.
See the printer driver Help, Printer Reference and Security Reference.

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Notice

Regarding to this part, please refer to the attached "Manual requirement".
"Manual requirement" will be shown in this part of official manual.

How to Read This Manual

Symbols

This manual uses the following symbols:

 WARNING:

Indicates important safety notes.

Ignoring these notes could result in serious injury or death. Be sure to read these notes. They can be found in the “Safety Information” section of this manual.

 CAUTION:

Indicates important safety notes.

Ignoring these notes could result in moderate or minor injury, or damage to the machine or to property. Be sure to read these notes. They can be found in the “Safety Information” section of this manual.

 Important

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

 Note

Indicates supplementary explanations of the machine’s functions, and instructions on resolving user errors.

 Reference

This symbol is located at the end of sections. It indicates where you can find further relevant information.

[]

Indicates the names of keys that appear on the machine’s display panel.

[]

Indicates the names of keys on the machine’s control panel.

Safety Information

When using this machine, the following safety precautions should always be followed.

Safety During Operation

In this manual, the following important symbols are used:



WARNING:

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.



CAUTION:

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

⚠ WARNING:

- ***Disconnect the power plug (by pulling the plug, not the cable) if the power cable or plug becomes frayed or otherwise damaged.***
- ***To avoid hazardous electric shock or laser radiation exposure, do not remove any covers or screws other than those specified in this manual.***
- ***Turn off the power and disconnect the power plug (by pulling the plug, not the cable) if any of the following occurs:***
 - ***You spill something into the machine.***
 - ***You suspect that your machine needs service or repair.***
 - ***The external housing of your machine has been damaged.***
- ***Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame.***
- ***Disposal can take place at our authorized dealer.***
- ***Dispose of used toner containers in accordance with local regulations.***
- ***Keep the machine away from flammable liquids, gases, and aerosols. A fire or an electric shock might occur.***
- ***Connect the machine only to the power source described on the inside front cover of this manual. Connect the power cord directly into a wall outlet and do not use an extension cord.***
- ***Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it. Do not pull it hard nor bend it more than necessary. These actions could cause an electric shock or fire.***
- ***If the power cord is damaged (exposure of the core, disconnection, etc.), contact your service representative to change a new one. Operating the machine with a damaged power cord may cause an electric shock or fire.***
- ***The supplied power cord is for use with this equipment only. Do not use with other appliances. Doing so may result in fire, electric shock, or injury.***

⚠ CAUTION:

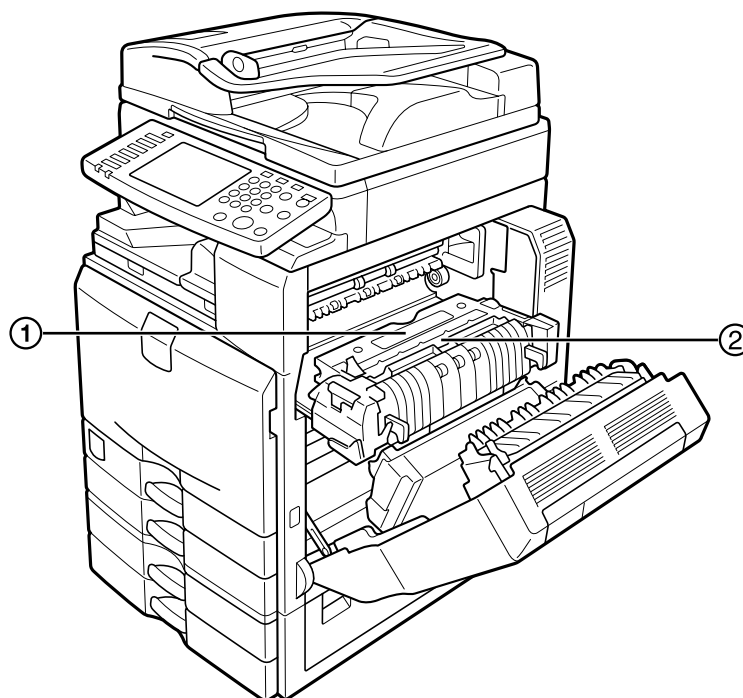
- *Protect the machine from dampness or wet weather, such as rain and snow.*
- *Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users. The machine's various handling areas are for service engineer use only. Do not touch these areas.*
- *When you disconnect the power plug from the wall outlet, always pull the plug (not the cable).*
- *Do not allow paper clips, staples, or other small metallic objects to fall inside the machine.*
- *Keep toner (used or unused) and toner containers out of reach of children.*
- *For environmental reasons, do not dispose of the machine or expended supply waste at household waste collection points. Disposal can take place at an authorized dealer.*
- *The inside of the machine could be very hot. Do not touch the parts with a label indicating the "hot surface". Otherwise, an injury might occur.*
- *The fusing section of this machine might be very hot. Caution should be taken when removing misfed paper.*
- *Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.*
- *Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.*
- *Do not use aluminum foil, carbon paper, or similar conductive paper to avoid a fire or machine failure.*
- *Make sure the room where you are using the machine is well ventilated and spacious. Good ventilation is especially important when the machine is used heavily.*
- *Do not open toner cartridges forcefully. Toner can spill, dirtying your clothes or hands, and possibly resulting in accidental ingestion.*
- *If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.*
- *If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.*
- *If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.*
- *Avoid getting toner on your clothes or skin when removing paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.*

⚠ CAUTION:

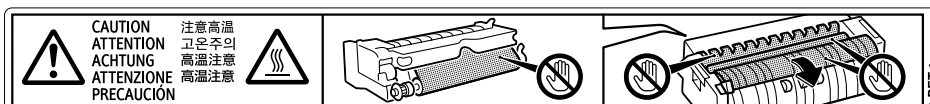
- *If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.*
- *Do not look into the lamp. It can damage your eyes.*
- *When loading paper, take care not to trap or injure your fingers.*
- *Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit. You can trap your fingers if you do not.*
- *During operation, rollers for transporting the paper and originals revolve. A safety device is being installed so that the machine can be operated safely. But take care not to touch the machine during operation. An injury might occur.*
- *Fire and breakdown can result from heavy accumulation of dust inside this machine. Consult your service representative for details about and charges for cleaning the machine's interior.*

Positions of ⚠ WARNING and ⚠ CAUTION labels

This machine has labels for ⚠ WARNING and ⚠ CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.



①



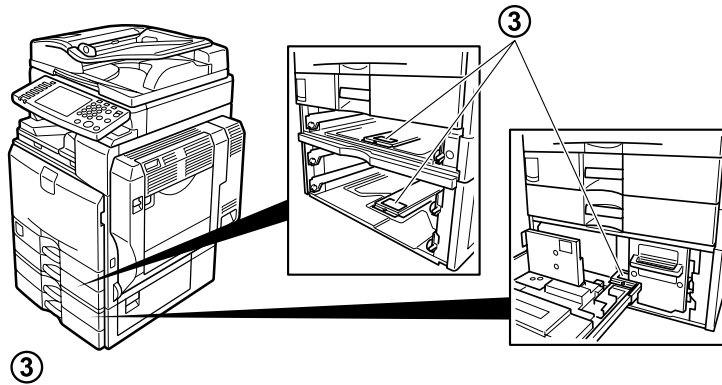
Do not touch the parts a label indicates. The inside of the machine could be very hot. Caution should be taken when removing misfed paper.

②



Do not touch the parts which a label is put on. The inside of the machine could be very hot. Caution should be taken when removing misfed paper.

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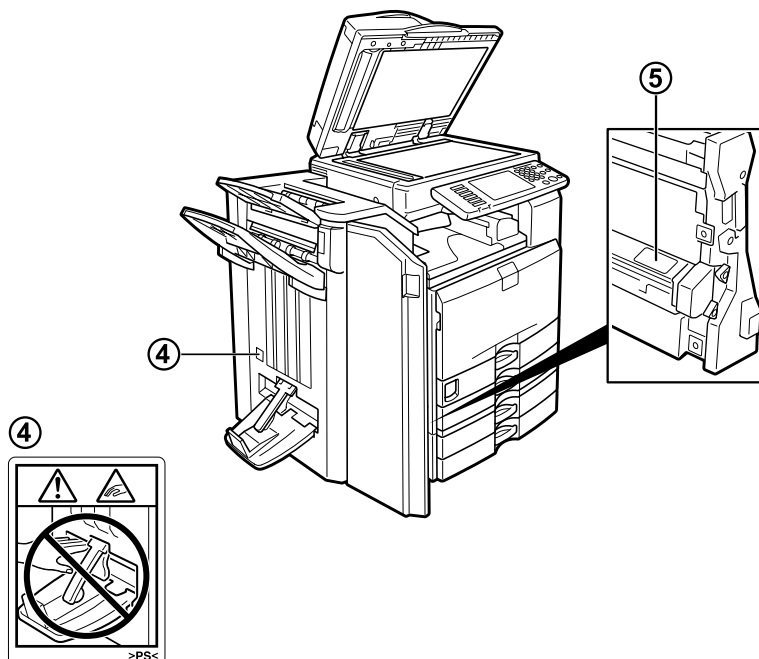


③

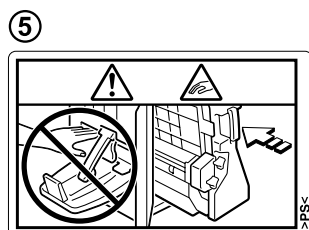
	CAUTION ATTENTION ACHTUNG			
	ATTENZIONE PRECAUCIÓN 注意 주의			
	● High temperature parts.	● Piezas muy calientes.		
	● T° des pièces élevée.	● 高温部品	● 高温部分	
	● Heiße Geräteteile!	● 고온주의		
	● Temperatura elevata.	● 高温になっています。		

The inside of the machine could be very hot. Do not touch the parts which a label is put on. Otherwise, an injury might occur.

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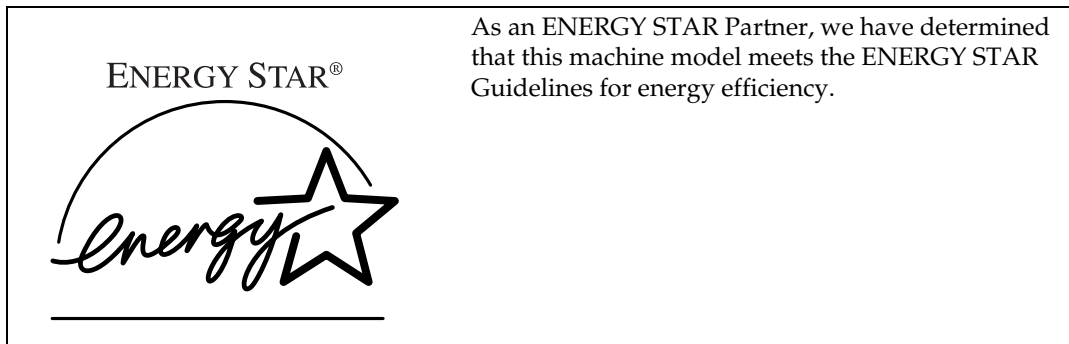
Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not. Take care not to touch the booklet finisher tray during operation. Otherwise, an injury might occur.



Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not.

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ENERGY STAR Program



The ENERGY STAR Guidelines intend to establish an international energy-saving system for developing and introducing energy-efficient office equipment to deal with environmental issues, such as global warming.

When a product meets the ENERGY STAR Guidelines for energy efficiency, the Partner shall place the ENERGY STAR logo onto the machine model.

This product was designed to reduce the environmental impact associated with office equipment by means of energy-saving features, such as Low-power mode.

❖ Low-Power mode

This product automatically lowers its power consumption 15 minutes after the last copy or print job has finished. Printing is still possible in Low Power Mode, but if you wish to make copies press the **[Energy Saver]** key first.

- Off mode (for models equipped with the copier function only)
If the machine is left idle for a specific time (default: 60 minutes), it is automatically switched off by Auto Off mode. To turn the machine back on, switch the Operation switch to "On".
- If the machine is left idle in Low-Power mode for a specific time (default: 60 minutes), it automatically switches to a power saving mode. This is called "Sleep mode" in the ENERGY STAR Program. (Note that you can send print jobs from your computer or receive incoming faxes even in Sleep mode.) To wake the machine up, switch the Operation switch to "On".

❖ Duplex Priority

The ENERGY STAR Program recommends the duplex function. This function is less of a burden to the environment. For applicable machines, duplex function (one-sided originals → two-sided copies) can be selected preferentially when the Operation switch or the **[Clear Modes]** key is pressed, or the machine resets automatically.

		Printer and scanner installed	
		Type 1	Type 2
Low-power Mode	Power consumption	184 W	223 W
	Default interval	15 minutes	15 minutes
	Recovery time	30 seconds	30 seconds

		Printer and scanner installed	
		Type 1	Type 2
Sleep mode	Power consumption	8 W	8 W
	Default interval	60 minutes	60 minutes
	Recovery time	45 seconds	60 seconds
Duplex priority		One-sided→Two-sided	

Reference

For details about changing how long the machine waits before switching to Low-Power mode, see “Timer Settings”, General Settings Guide.

For details about changing Duplex Priority mode, see “Programming Defaults in Initial Display”, Copy/Document Server Reference.

Recycled Paper

In accordance with the ENERGY STAR Program, we recommend use of recycled paper which is environmentally friendly. Please contact your sales representative for recommended paper.

Machine Types

This machine comes in two models which vary in copy speed. To ascertain which model you have, see the inside front cover.

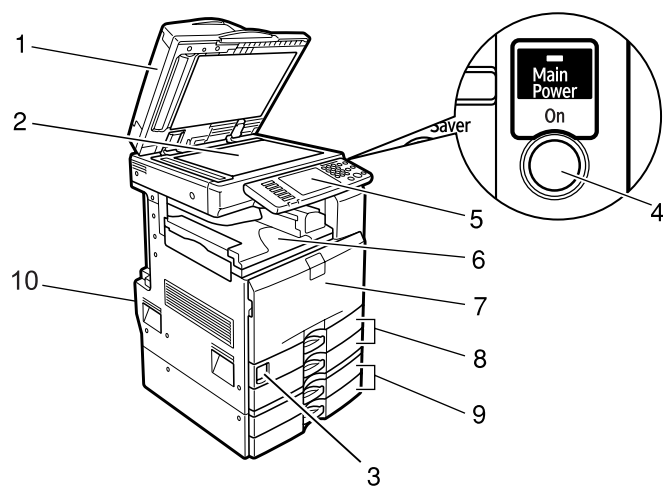
	Type 1	Type 2
Copy speed	35 copies/minute (A4  , 8 1/2" x 11" )	45 copies/minute (A4  , 8 1/2" x 11" )

1. Getting Started

This section describes how to start using this machine.

Guide to Components

This section introduces the names and functions of the components.



AQI045S

1. Auto Document Feeder (ADF)

If you load a stack of originals in the auto-document feeder (ADF), the ADF will automatically feed the originals one by one.

2. Exposure glass

Place originals face down here for copying.

3. Main power switch

If the machine does not operate after turning on the operation switch, check the main power switch is turned on.

See "Turning On the Power".

4. Operation switch

Press to turn the power on (the On indicator lights up). To turn the power off, press again (the On indicator goes off).

See "Turning On the Power".

5. Control panel

See "Control Panel".

6. Internal Tray 1

Copied, printed paper or fax messages are delivered here.

7. Front Cover

Open this cover to replace toner cartridges.

8. Paper Tray 1,2

Load paper here.

9. Lower Paper Trays (optional)

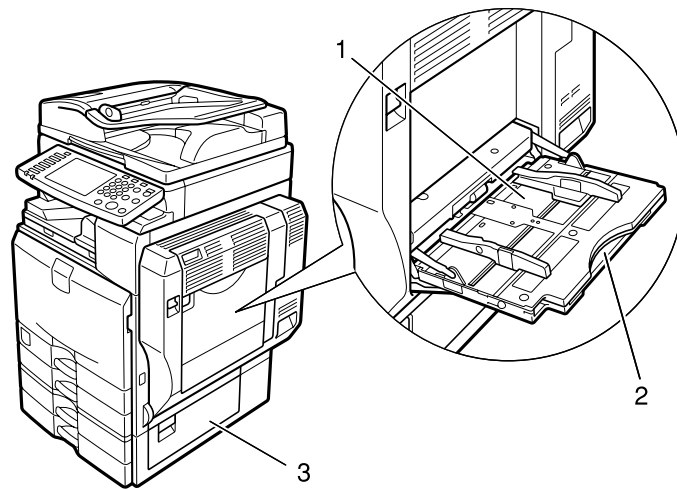
Load paper here.

10. Switch for Anti-Condensation Heaters

In a cold place, the machine's internal humidity may become too high, making the paper in the paper trays damp (Trays 1 and 2, and the optional lower paper trays) and so causing printing problems. Using the anti-condensation heaters, you can prevent these problems.

If it is humid or cold, switch the heaters on.

1



AQH006S

1. Bypass Tray

Use when copying onto OHP transparencies, adhesive labels, translucent paper, and custom size paper.

2. Extender

Pull this extender out when loading sheets larger than A4  in the bypass tray.

3. Lower Right Cover

Open this cover when a paper jam occurs.

Reference

p.19 "Control Panel"

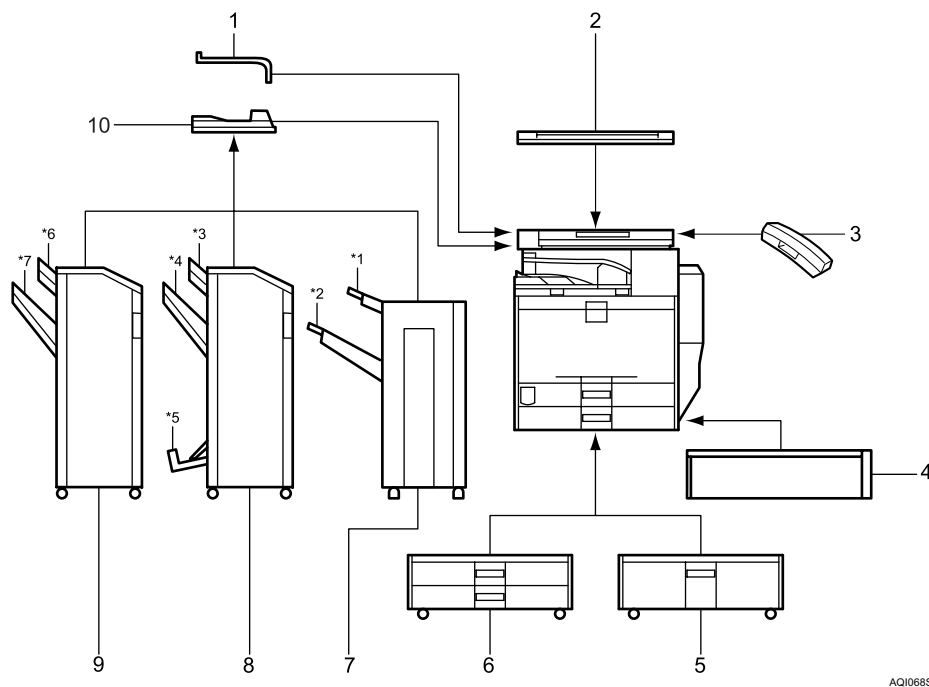
p.29 "Turning On the Power"

Options

This section introduces the names and functions of main optional parts.

External Options

This section provides explanations about external options.



AQI068S

1. Internal Tray 2

If you select this as the output tray, copied paper will be delivered here face down.

2. Exposure glass cover

Lower over originals for copying.

3. Handset

Used as a receiver when a fax unit is installed.

4. Scanner Accessibility Unit

This unit lets you operate the machine or scan documents from the side instead of using the control panel on the machine.

5. Paper Tray 3 (LCT)

You can load up to 2,000 sheets of 8¹/₂" paper in this tray.

6. Lower Paper Trays

This is a two-level paper tray.

7. SR790

Sorts, stacks, and staples copies.

*1: Finisher upper tray

*2: Finisher shift tray

8. Booklet Finisher SR3020

Sorts, stacks, staples and punches copies. The saddle stitch function can staple the copies in the center and fold them into booklets.

*3: Finisher upper tray

*4: Finisher shift tray

*5: Booklet tray

9. Finisher SR3030

Sorts, stacks, staples and punches copies.

*6: Finisher upper tray

*7: Finisher shift tray

10. Bridge Unit

Relays copies to the finisher.

Note

- ☐ When the Scanner Accessibility Unit is installed, the control panel and the scanner unit on the machine cannot be used.

Internal Options

This section describes the options that can be installed in the machine.

1

- Fax unit
Allows you to use the fax function.
- Extra G3 Interface Unit
This lets you add a G3 fax line.
- PictBridge card
This lets you directly print photographs taken with a PictBridge-compatible digital camera.
- USB host board
This lets you connect a PictBridge-compatible digital camera to the machine with a USB cable.
- IEEE 1284 Interface Board
Allows you to connect to an IEEE 1284 cable.
- IEEE 1394 interface board
Allows you to connect to an IEEE 1394 cable.
- IEEE 802.11b wireless LAN board
Allows you to install a wireless LAN interface.
- Bluetooth unit
Allows you to expand the interface.
- Copy Data Security Unit
If a document containing embedded text for unauthorized copy guard is copied, protected pages are grayed out in the copy.
- DataOverWriteSecurity Unit
Allows you to erase data on the hard disk.

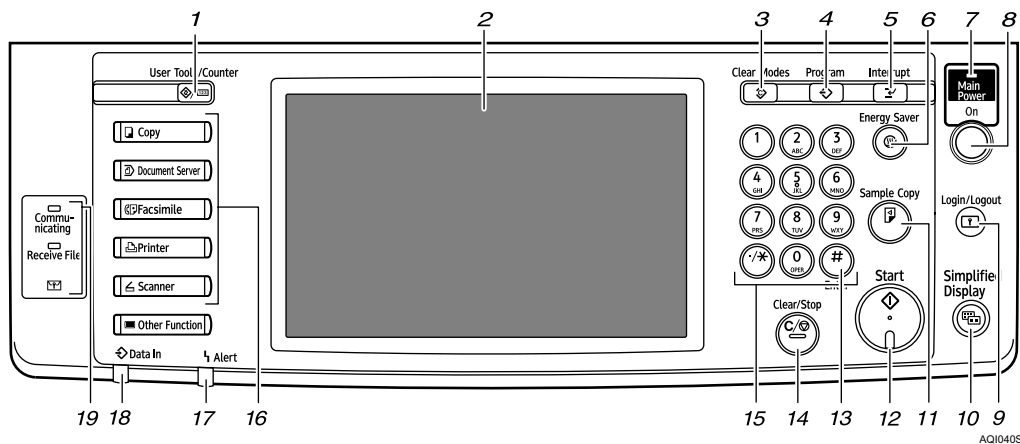
 Note

- ☐ You cannot install two or more of the options below: IEEE 1394 interface board, IEEE 802.11b wireless LAN board, Bluetooth unit, IEEE 1284 interface board.
- ☐ If the Copy Data Security Unit is installed in the machine, you cannot use the scanner and fax functions.

Control Panel

This illustration shows the control panel of the machine with options fully installed.

1



1. [User Tools/Counter] key

- **User Tools**
Press to change the default and conditions to meet your requirements. See "Accessing User Tools (System Settings)", General Settings Guide.
- **Counter**
Press to check or print the counter value. See "Counter", General Settings Guide.
- **Enquiry**
Press to find out where to order expendable supplies and where to call when a malfunction occurs. You can also print these details. See "Enquiry", General Settings Guide.

2. Display panel

Displays keys for each function, operation status, or messages. See "Display".

3. [Clear Modes] key

Press to clear the current settings.

4. [Program] key (copier, facsimile, and scanner mode)

Press to register frequently used settings, or to recall registered settings.

5. [Interrupt] key (copier and scanner mode)

Press to make interrupt copies during copying or scanning. See "Interrupt Copy", Copy/Document Server Reference.

6. [Energy Saver] key

Press to switch to and from Energy Saver mode. See "Saving Energy".

7. Main power indicator

The main power indicator goes on when you turn on the main power switch.

Do not turn off the main power switch while the Main power indicator is lit or blinking. Doing so may damage the hard disk.

8. Operation switch

Press to turn the power on (the On indicator goes on). To turn the power off, press it again (the On indicator goes off). See "Turning On the Power".

9. [Login/Logout] key

Press this to log in or log out.

10. [Simplified Display] key

Press this to switch to the Simplified Display.

11. [Sample Copy] key

Press to make a single set of copies or prints to check print quality before making multiple sets. See "Sample copy", Copy/Document Server Reference.

12. [Start] key

Press to start copying or scanning, or printing documents stored using the Document Server function.

13. [#] key (enter key)

Press to enter a value.

14. [Clear/Stop] key

- Clear
Press to delete a number entered.
- Stop
Press to stop a job in progress, such as scanning, faxing, or printing.

15. Number keys

Use to enter the numbers for copies, fax numbers and data for the selected function.

16. Function keys

Press to display the operation screen of one of the following functions: copy, document box, facsimile, printer, or scanner. The indicator of the selected function goes on. See "Changing Modes".

🔍 Reference

- p.21 "Display"
- p.31 "Saving Energy"
- p.29 "Turning On the Power"
- p.21 "Simplified Display"
- p.27 "Changing Modes"

17. Alert indicator

Lights continuously if an error has occurred.

18. Data In indicator (printer mode)

Blinks continuously if the machine has received a print job.

19. Communicating indicator, Receiving File indicator, Confidential File indicator

- Communicating indicator
Lights continuously during data transmission and reception.
- Receiving File indicator
Lights continuously while data other than personal box data or Memory Lock File is being received and stored in the fax memory.
See "Substitute Reception", Facsimile Reference.
- Confidential File indicator
Lights continuously while personal box data is being received.
Blinks while Memory Lock File is being received.
See "Personal Boxes", Facsimile Reference and "Printing a File Received with Memory Lock", Facsimile Reference.

1

! Important

- The following display is of a machine with the options fully installed.



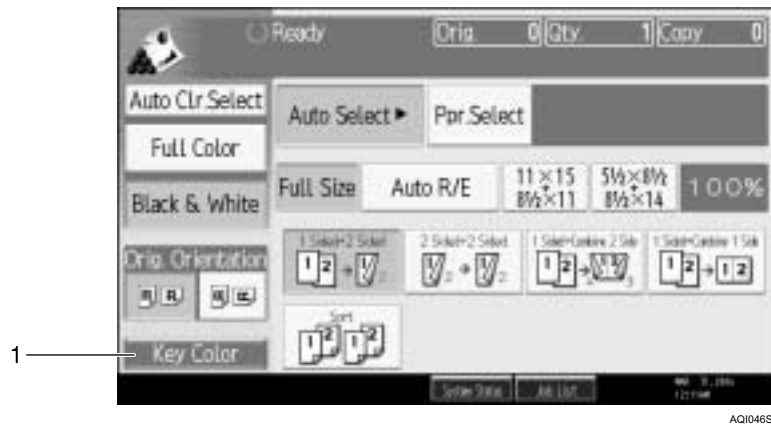
Simplified Display

Enlarged characters and keys make for easier operation.



This illustration shows the copier function's simplified display.

1



AQI046S

1. [Key Color]

Use this to intensify the screen contrast by changing the color of the keys. This does not work on the default screens of the respective function.

Note

- ☐ Press the **[Simplified Display]** key again to return to the copier function's default screen.
- ☐ Simplified displays do not contain every available key.

When the Authentication Screen is Displayed

1

When Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is enabled, the Authentication Screen appears on the screen. The machine only becomes operable after entering your own login user name and login password. If user code authentication is enabled, you cannot use the machine until you enter the user code.

If you can use the machine, you can say that you are logged in. When you go out of the operable state, you can say that you are logged out. After logging in the machine, be sure to log out of it to prevent unauthorized usage.

Important

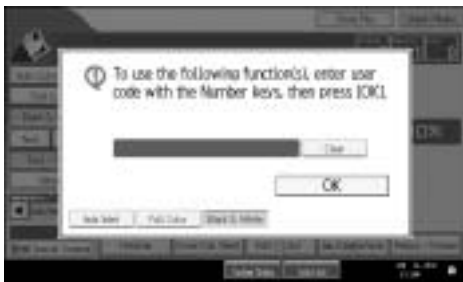
- ☐ Ask the user administrator for the login user name, login password, and user code. For details about user authentication, contact your administrator.
- ☐ User code to enter on User Code Authentication is the numerical value registered in the address book as “login user name”.

Note

- ☐ If authentication fails, the “Authentication has failed” message appears. Check that the login user name and login password are correct.

User Code Authentication (Using the Control Panel)

When user authentication is set, the following screen appears:



Enter a user code (up to eight digits), and then press **[OK]**.

Note

- ☐ To log off, do one of the following:
 - Press the Operation switch.
 - Press the **[User Tools/Counter]** key, press **[System Settings]**, and then press the **[User Tools/Counter]** key.
 - Press the **[Energy Saver]** key after jobs are completed.

1

User Code Authentication (Using a Printer Driver)

When user authentication is set, specify the user code in the printer properties of the printer driver. For details, see the printer driver Help.

Login (Using the Control Panel)

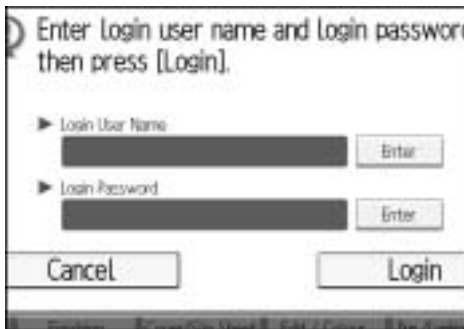
Follow the procedure below to log on when Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is set.

- 1 Press [Enter] for [Login User Name].



- 2 Enter a login user name, and then press [OK].

- 3 Press [Enter] for [Login Password].



- 4 Enter a login password, and then press [OK].

- 5 Press [Login].

When the user is authenticated, the screen for the function you are using appears.

 Note

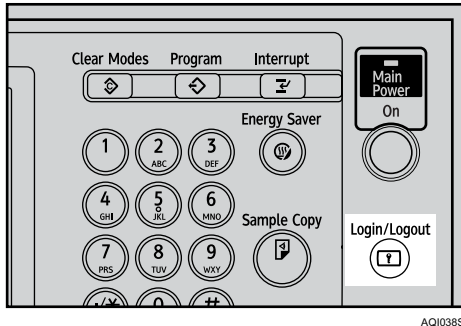
- ❑ If authentication fails, the "Authentication has failed" message appears. Check that the login user name and login password are correct.
- ❑ If user code authentication has been specified, a different screen appears.

Log Off (Using the Control Panel)

Follow the procedure below to log off when Basic Authentication, Windows Authentication, or LDAP Authentication is set.

1

- 1** Press the [Login/Logout] key.



- 2** Press [Yes].



Login (Using a Printer Driver)

When Basic Authentication, Windows Authentication, or LDAP Authentication is set, make encryption settings in the printer properties of the printer driver, and then specify a login user name and password. For details, see the printer driver Help.

Note

- ☐ When logged on using a printer driver, you do not have to log off.

Login (Using Web Image Monitor)

This section explains how to log onto the machine via Web Image Monitor.

- 1** Click [Login].
- 2** Enter a login user name and password, and then click [Login].

 Note

- ☐ For user code authentication, enter a user code in **[User Name]**, and then click **[OK]**.

1

Log Off (Using Web Image Monitor)

- 1** Click **[Logout]** to log off.

 Note

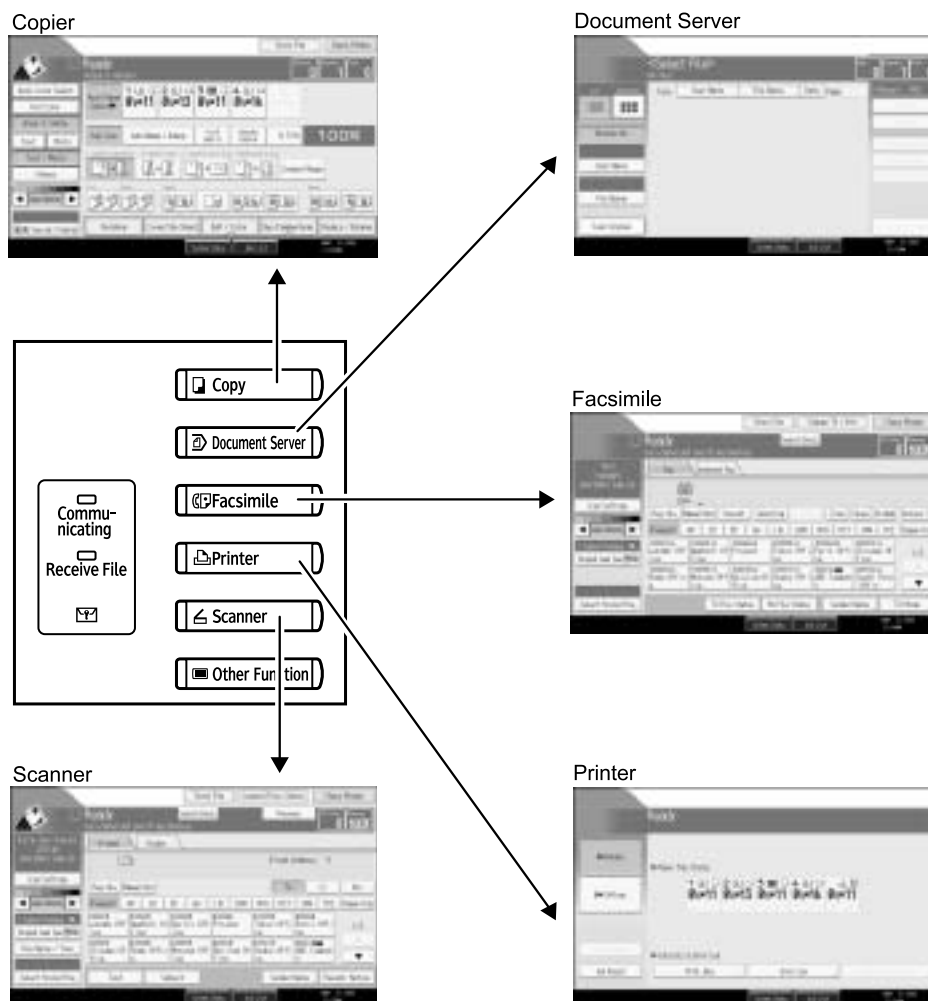
- ☐ Delete the cache memory in the Web Image Monitor after logging off.

Changing Modes

Note

- ❑ You cannot switch modes in any of the following situations:
 - When scanning a fax message for transmission
 - During immediate transmission
 - When accessing User Tools
 - During interrupt copying
 - During On hook dialing for fax transmission
 - While scanning an original
- ❑ The copying screen is displayed as default after power on. You can change this default setting. For the setting procedure, see "General Features", General Settings Guide.

1



AQI047S

System Reset

1

The machine returns automatically to its initial condition when the job is finished, after a certain period of time has elapsed. This function is called "System Reset". See "General Features", General Settings Guide.

You can change the System Reset time. See "Timer Settings", General Settings Guide.

Turning On the Power

This section explains how to turn on/off the power.

❖ Operation switch

This machine has two power switches: operation switch and main power switch.

- Operation switch (right side of the control panel)
Press to activate the machine. When the machine has finished warming up, you can make copies.
- Main power switch (left side of the machine)
Turning off this switch makes the main power indicator on the right side of the control panel go off. When this is done, machine power is completely off. When the fax unit (optional) is installed, fax files in memory may be lost if you turn this switch off. Use this switch only when necessary.

Note

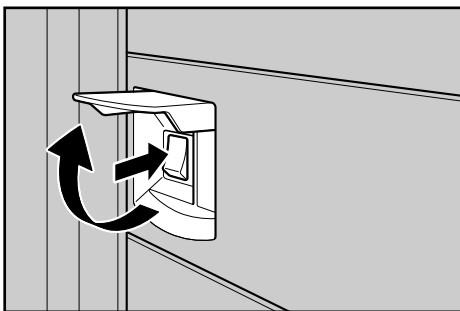
- ❑ This machine automatically enters Energy Saver mode or turns itself off if you do not use it for a while. See “Timer Settings”, General Settings Guide.

Turning On the Main Power

Turn on the main power as follows:

- 1** Make sure the power cord is firmly plugged into the wall outlet.
- 2** Open the main power switch cover and turn on the main power switch.

The main power indicator goes on.



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Note

- ❑ Do not turn off the main power switch immediately after turning it on. Doing so may result in damage to the hard disk or memory, leading to malfunctions.
- ❑ After you switch the main power on, a screen may appear to indicate that the machine is initializing. Do not switch the power off during this process. Initialization takes about three minutes.

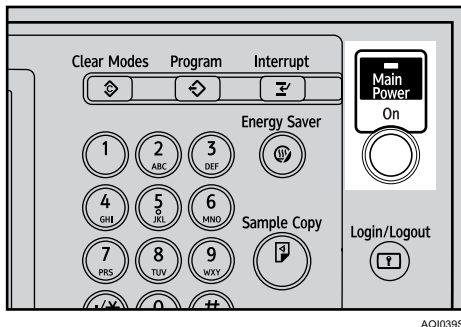
Turning On the Power

Turn on the power as follows:

1

1 Press the operation switch.

The On indicator goes on.



 Note

- ☐ If the power does not come on when the operation switch is pressed, check the main power switch is on. If it is off, turn it on.

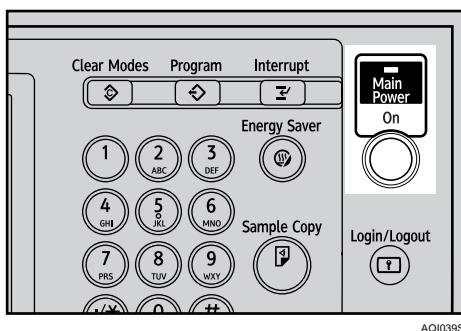
Turning Off the Power

Turn off the power as follows:

1 Make sure the exposure glass cover or the ADF is in the right position.

2 Press the operation switch.

The On indicator goes off.



 Note

- ☐ Even if you press the operation switch, the indicator does not go out, but blinks in the following cases:
 - When the exposure glass cover or ADF is open.
 - During communication with external equipment.
 - When the hard disk is active.

Turning Off the Main Power

Turn off the main power as follows:

Important

- ☐ Do not turn off the main power switch when the On indicator is lit or blinking. Doing so may result in damage to the hard disk or memory.
- ☐ Make sure to turn off the main power switch before pulling out the power plug. Not doing so may result in damage to the hard disk or memory.

1 Make sure the On indicator is not lit.

2 Open the switch cover, and then turn off the main power switch.

The main power indicator goes out.

Note

- ☐ When the main power switch is turned off while using the fax function, waiting fax and print jobs may be canceled, and incoming fax documents not received. If you have to turn off this switch for some reason, make sure 100% is shown as available memory on the screen before turning off the main power switch or unplugging the power cord. Fax files in memory are deleted an hour after you turn off the main power switch or unplug the power cord.
- ☐ The On indicator does not go out, but blinks in dial-in mode even if you press the operation switch. When this happens, check the explanations below, and turn off the main power switch.
 - The computer is not controlling the machine.
 - The machine is not receiving a fax.

Reference

“xxxxx”, Troubleshooting

Saving Energy

This machine has the following two energy saving functions.

❖ Energy Saver

If you do not use the machine for a certain period after an operation, or when you press the **[Energy Saver]** key, the display disappears and the machine goes into Energy Saver mode. When you press the **[Energy Saver]** key again, the machine returns to the ready condition. The machine uses less electricity in Energy Saver mode.

You can change the amount of time the machine waits before switching to Energy Saver mode after copying has finished or the last operation is performed. See “Timer Settings”, General Settings Guide.

❖ **Auto Off**

The machine automatically turns itself off when the job is finished, after a certain period of time has elapsed. This function is called “Auto Off”.

You can change the Auto Off time. See “Timer Settings”, General Settings Guide.

1

Note

❑ The Auto Off function will not operate in the following cases:

- When a warning message appears
- When the service call message appears
- When paper is jammed
- When the cover is open
- When the “Add Toner” message appears
- When toner is being replenished
- When the User Tools/Counter/Enquiry screen is displayed
- When fixed warm-up is in progress
- When the facsimile, printer, or other functions are active
- When operations are suspended during printing
- When the On-hook dialing function is in use
- When a recipient is being registered in the address list or group dial list
- When the Data In indicator is on or blinking
- When the screen of stored document under the printer function is displayed

2. Entering Text

This section describes how to enter characters.

Entering Text

When you enter a character, it appears at the position of the cursor. If there is a character already at the cursor position, the entered character appears before that.

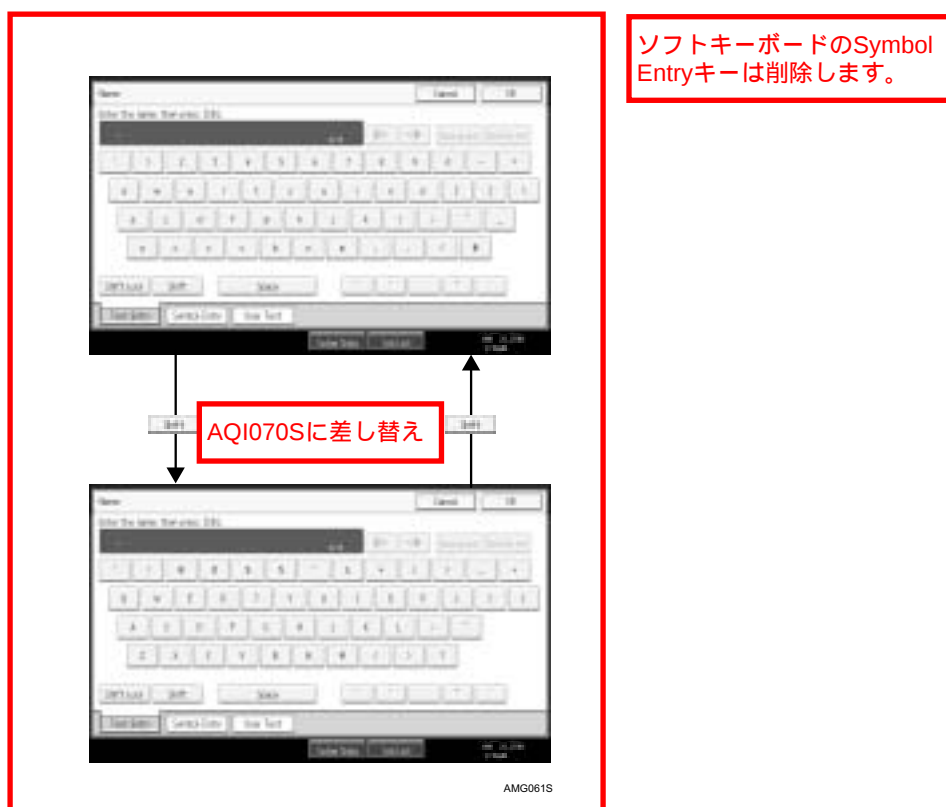
Available Characters

You can enter the following characters:

- Alphabetic characters
- Symbols
- Numerals
0123456789

Keys

You can change the entry screen using the keys below.



 Note

- ☐ When entering uppercase or lowercase letters continuously, use **[Shift Lock]** to lock the case.
- ☐ You can also use the number keys to enter numbers, regardless of mode.

 Reference

p.34 “Selecting a User Text”

2

How to Enter Text

This section explains text entry more specifically.

- 1** Press **[Shift]** to switch between uppercase and lowercase.
- 2** Press the letters you want to enter.

Deleting characters

- 1** Press **[Backspace]** or **[Delete All]** to delete characters.

Selecting a User Text

You can select and use a User Text that is registered in **[Program / Change / Delete User Text]**.

For details about registering User Texts, see “General Features”, General Settings Guide.

- 1** Press **[User Text]**.



2 Select the User Text you want to use.



2



Reference

“General Features”, General Settings Guide

Entering Text

2

3. Appendix

This section describes Dos and Don'ts and copy paper.

Dos and Don'ts

The following items should be followed during use of this machine.

⚠ CAUTION:

- *Keep the machine away from flammable liquids, gases, and aerosols. A fire or an electric shock might occur.*

⚠ CAUTION:

- *Unplug the power cord from the wall outlet before you move the machine. While moving the machine, you should take care that the power cord will not be damaged under the machine.*

⚠ Important

- ☐ Do not turn the power off while the On indicator is lit or blinking. Doing so may damage the hard disk.
- ☐ Before unplugging the power cord or turning off the main power switch, make sure remaining memory space is at 100%, as shown on the screen. See "Turning Off the Power", "Turning Off the Main Power".
- ☐ Do not touch areas on or around the fusing unit. These areas get hot.
- ☐ After scanning originals continuously, the exposure glass may become warm - this is not a malfunction.
- ☐ The area around the ventilation hole might feel warm. This is caused by exhaust air and is not a malfunction.
- ☐ If the machine is moved from a cold to a warm place, condensation may form inside it. After moving the machine, do not use it for at least an hour. The machine requires this time to adapt to its new environment.
- ☐ The machine will malfunction if its internal temperature becomes too high. Be sure not to block the intake and exhaust vents.
- ☐ Do not turn off the power while the machine is in operation. See "Turning Off the Power", "Turning Off the Main Power".
- ☐ Do not open the covers of the machine when it is in operation. If you do, misfeeds might occur.
- ☐ Do not move or tilt the machine when the power is on.
- ☐ Do not allow small objects such as paperclips to fall into or become stuck inside the machine.
- ☐ Do not knock the machine while it is operating (for instance, do not use the machine's surfaces to knock stacks of paper into square).

- ☐ Depending on the ambient temperature and humidity, steam may come from the exhaust vent behind the control panel during printing. This is water vapour from the paper, not a sign of malfunction.
- ☐ If condensation forms inside the machine as a result of temperature change, the machine may not print properly. To minimize this problem, use the optional anti-condensation heaters.
- ☐ The optional anti-condensation heaters keep the machine in optimal operating condition at all times by ensuring its interior is always warm. For this reason, the heaters will not go off when you switch the machine's main power off. You have to switch them off intentionally.
- ☐ Be sure to make a note of the registered machine settings in case they are lost due to accident or malfunction.

 Reference

p.30 "Turning Off the Power"

p.31 "Turning Off the Main Power"

Saving Color Copies

Followings are notes on saving color copies.

- There is no difference between color prints and color copies in terms of fading. However, for long-term storage, make sure to store them in a binder away from direct sunlight.
- Toner may melt if a print and a half-dried print are put on top of each other.
- Toner may also melt when using solvent type adhesive agents for pasting prints.
- When folding prints, toner in the folds will come off.
- Toner may melt if it is placed on mats made of chlorinated plastic in locations of high temperature for long periods of time.
- Toner may melt if prints are placed in places of extremely high temperatures, such as near heaters.

Software and Utilities Included on the CD-ROM

Three CD-ROMs come with this machine: “Printer Drivers and Utilities”, “Scanner/PostScript Drivers and Utilities”, and “Manuals”. PS Driver is stored in “Scanner/PostScript Drivers and Utilities”. In “Manuals”, manuals are stored in PDF format.

The following are included in the three separate CD-ROMs:

❖ **Font Manager 2000**

For installing new screen fonts, or organizing and managing fonts already in the system. For details about Font Manager 2000, see the manual on the CD-ROM labeled “Printer Drivers and Utilities”.

❖ **SmartDeviceMonitor for Admin**

For the system administrator to manage network printers.

❖ **DeskTopBinder-SmartDeviceMonitor for Client**

For users to manage their network print status.

❖ **1394 Utility**

For the optional IEEE 1394 interface unit. For details, see the Readme file or the manual provided with the optional IEEE 1394 interface unit.

❖ **Acrobat Reader**

This utility allows you to read PDF files (Portable Document Format).

❖ **Printer Utility for Mac**

This utility allows users to download and manage a variety of fonts as well as manage printers. For details about this utility, see PostScript Supplement.

Note

- ❑ Documentation about using the machine is included on the CD-ROM in PDF format. For details about using Acrobat Reader, see Acrobat Reader online Help.

Reference

SmartDeviceMonitor for Admin Help

DeskTopBinder-SmartDeviceMonitor for Client Help

Acrobat Reader online Help

Viewing the Contents of the CD-ROM

Follow the procedure below to view the contents of the CD-ROMs.

1 Insert the CD-ROM into the CD-ROM drive.

The installer starts.

2 Click [Browse This CD-ROM].

Explorer starts and displays the contents of the CD-ROM.

Printer Drivers for This Printer

Printing requires installation of a printer driver for your operating system. The following drivers are included on the CD-ROM labeled "Printer Drivers and Utilities".

Printer Language	PCL 6	PCL 5c	RPCS	PostScript 3
Windows 95 ^{*1}	OK	OK	OK	OK ^{*12}
Windows 98 ^{*2}	OK	OK	OK	OK ^{*12}
Windows Me ^{*3}	OK	OK	OK	OK ^{*12}
Windows 2000 ^{*4}	OK	OK	OK	OK ^{*13}
Windows XP ^{*5}	OK	OK	OK	OK ^{*13}
Windows Server 2003 ^{*6}	OK	OK	OK	OK ^{*13}
Windows NT 4.0 ^{*7}	OK ^{*11}	OK ^{*10}	OK ^{*10}	OK ^{*11} ^{*12}
Mac OS ^{*8}	—	—	—	OK ^{*12}
Mac OS X ^{*9}	—	—	—	OK ^{*14}

^{*1} Microsoft Windows 95 operating system

^{*2} Microsoft Windows 98 operating system

^{*3} Microsoft Windows Millennium Edition

^{*4} Microsoft Windows 2000 Advanced Server

Microsoft Windows 2000 Server

Microsoft Windows 2000 Professional

^{*5} Microsoft Windows XP Professional

Microsoft Windows XP Home Edition

^{*6} Microsoft Windows Server 2003 Standard Edition

Microsoft Windows Server 2003 Enterprise Edition

^{*7} Microsoft Windows NT Server operating system version 4.0, Microsoft Windows NT Workstation operating system version 4.0 in a computer using x86 processors.

^{*8} Versions 8.6 to 9.2 of the Mac OS (Mac OS X Classic mode is supported.)

^{*9} Mac OS X 10.1 or later (Native mode)

^{*10} Requires Service Pack 4 or later.

^{*11} Requires Service Pack 6 or later.

^{*12} The Adobe PostScript 3 printer drivers and PostScript Printer Description (PPD) files are included on the CD-ROM labeled "Printer Drivers and Utilities".

^{*13} The PostScript Printer Description (PPD) files are included on the CD-ROM labeled "Printer Drivers and Utilities".

^{*14} The Adobe PostScript Printer Description (PPD) installer is included on the CD-ROM labeled "Printer Drivers and Utilities".

❖ PCL printer drivers

Two kinds of PCL printer driver (PCL 5c and PCL 6) are included on the CD-ROM that comes with this machine. These drivers allow your computer to communicate with this machine via a printer language.

❖ **RPCS printer driver**

This printer driver allows the computer to communicate with the printer using a printer language. In addition to the conventional user interface, another preset user interface is provided.

❖ **Adobe PostScript Printer Drivers and PPD files**

Adobe PostScript printer drivers and the PPD files are included on the CD-ROM provided with this machine. Adobe PostScript printer drivers allow the computer to communicate with the printer using a printer language. PPD files allow the printer driver to enable specific printer functions.

❖ **PPD files**

PPD files are included on the CD-ROM provided with this machine. PPD files allow the printer driver to enable specific printer functions.

3

 Note

- ❑ Some applications may require installation of the PCL 5c printer driver. In this case, you can install PCL 5c without having to install PCL6.

 Reference

“Preparing the Machine”, Printer Reference
PostScript 3 Supplement

TWAIN Driver

This section describes the file path to and system requirements of the TWAIN driver.

This driver is required to scan an original using a scanner. To use the machine as a network TWAIN scanner, this driver must be installed.

❖ **File path**

The following drivers are included on the CD-ROM labeled “Scanner/PostScript Drivers and Utilities” provided with this machine:

`\DRIVERS\TWAIN`

❖ **System requirements**

- Hardware
PC/AT-compatible machines that support the following operating system properly
Under Windows NT with RISC-based processors (MIPS R series, Alpha AXP, or PowerPC), this driver is not supported.
- Operating system
Microsoft Windows 95/98/Me
Microsoft Windows 2000/XP
Microsoft Windows NT 4.0
Microsoft Windows Server 2003
- Display resolution
800 x 600 pixels, 256 colors or higher

LAN-Fax Driver

This driver allows you to use LAN-Fax functions.

❖ File path

The following folders are on the CD-ROM labeled “Scanner/PostScript Drivers and Utilities”:

- LAN-Fax Driver for Windows 98/Me
 \DRIVERS\LAN-FAX\WIN9X_ME
- LAN-Fax Driver for Windows NT 4.0
 \DRIVERS\LAN-FAX\NT4
- LAN-Fax Driver for Windows
 2000/XP and Windows Server 2003
 \DRIVERS\LAN-FAX\WIN2K_XP

❖ System requirements

- Hardware
 PC/AT-compatible
- Operating systems
 Microsoft Windows 98/Me
 Microsoft Windows 2000/XP
 Microsoft Windows Server 2003
 Microsoft Windows NT 4.0
- Display
 VGA 640×480 pixels or more

Note

- ❑ Before beginning installation, exit all other applications.

DeskTopBinder Lite

This section explains the file path and system requirements of DeskTopBinder Lite.

DeskTopBinder is to be installed on the client computers for integration and management of various kinds of files such as scan files, files created with applications, and existing scan files. This software allows you to use various functions for stored scan files such as viewing stored files. Also, with the ScanRouter delivery software, you can view the files stored in in-trays of the delivery server or use other functions for stored files.

For details about the software installed with DeskTopBinder Lite, see “DeskTopBinder Lite”, Scanner Reference.

❖ File path

The following drivers are included on the CD-ROM labeled “Scanner/PostScript Drivers and Utilities” provided with this machine:

\UTILITY\DESKV2

❖ **System requirements**

- **Hardware**
PC/AT-compatible machines that support the operating system properly
- **Operating system**
When installing all functions of DeskTopBinder
Microsoft Windows 98SE/Me/2000 Professional SP1 or later/2000 Server SP1 or later/2000 Advanced Server SP1 or later/XP Professional/XP Home Edition
Microsoft Windows Server 2003 Standard Edition/Enterprise Edition

When installing only SmartDeviceMonitor for Client

Microsoft Windows 95 SP1/98/98SE/Me/2000 Professional SP1 or later/2000 Server SP1 or later/XP Professional/XP Home Edition
Microsoft Windows Server 2003 Standard Edition/Enterprise Edition
Microsoft Windows NT 4.0 SP5 or later

3

🔍 **Reference**

Scanner Reference

SmartDeviceMonitor for Admin

SmartDeviceMonitor for Admin is an application that uses TCP/IP and IPX/SPX to monitor network printers. It can monitor multiple network printers using IPv4 address. We recommend that network administrators use this application.

❖ **File path**

SmartDeviceMonitor for Admin is stored in the following folder in the CD-ROM labeled "Printer Drivers and Utilities":

NETWORK\DEVMON\ADMIN\DISK1

Operating system	Protocol stack
Windows 95 / 98 / Me	TCP/IP provided with Windows 95 / 98 / Me IPX/SPX provided with Windows 95 / 98 / Me NetWare Client provided with Windows 95 / 98 Novell Client provided with Windows 95 / 98
Windows 2000	TCP/IP provided with Windows 2000 IPX/SPX provided with Windows 2000 NetWare Client provided with Windows 2000 Novell Client provided with Windows 2000 or Window NT
Windows XP	TCP/IP provided with Windows XP IPX/SPX provided with Windows XP NetWare Client provided with Windows XP Novell Client provided with Windows XP

Operating system	Protocol stack
Windows Server 2003	TCP/IP provided with Windows Server 2003 IPX/SPX provided with Windows Server 2003 NetWare Client provided with Windows Server 2003 Novell Client provided with Windows Server 2003
Windows NT 4.0	TCP/IP provided with Windows NT IPX/SPX provided with Windows NT Client Service for NetWare provided with Windows NT Novell Client provided with Windows 2000 or Windows NT

❖ Available functions

SmartDeviceMonitor for Admin has the functions to check the followings:

- Printer supplies such as paper or ink
- Results of print jobs executed from the computer

🔍 Reference

Network Guide

SmartDeviceMonitor for Admin Help

DeskTopBinder-SmartDeviceMonitor for Client

DeskTopBinder-SmartDeviceMonitor for Client allows you to manage and print various data such as files created with an application, images scanned with a scanner, and existing images as one document.

❖ File path

DeskTopBinder-SmartDeviceMonitor for Client is stored in the following folder on the CD-ROM labeled "Printer Drivers and Utilities":

NETWORK\DEVMON\CLIENT\DISK1

❖ Operating environment of the printer driver

- Applicable computer
Machines which properly work with the applicable OS below. PC/AT compatible machine.
- Applicable OS
Microsoft Windows 98SE/Me
Microsoft Windows 2000/XP
Microsoft Windows Server 2003

📝 Note

- ❑ See "DeskTopBinder Lite", Scanner Reference or Help of DeskTopBinder-SmartDeviceMonitor for Client.
- ❑ DeskTopBinder includes SmartDeviceMonitor for Client. See Help of DeskTopBinder-SmartDeviceMonitor for Client.

Installing the Operating Instructions

The supplied “Manuals” CD-ROM contains HTML-format manuals. Install the manuals you want to read.

Important

- ☐ The system requirements for installing the manuals are as follows:
 - Operating System: Windows 95/98/Me, Windows 2000/XP, Windows Server 2003, or Windows NT4.0
 - Minimum Display Resolution: 800×600 pixels
- ☐ Recommended Browser:
 - Microsoft Internet Explorer 4.01 SP2 or later
 - Netscape 6.2 or later
- ☐ A simplified manual is displayed if you are using Internet Explorer 3.02 or Netscape Navigator 4.05 or later versions.
- ☐ HTML manuals can also be viewed on a Macintosh.

3

1 Click [Install manuals].

2 Install the manual you require according to the displayed instructions.

3 When installation is complete, click [Finish].

4 Click [Finish].

Note

- ☐ If you cannot install a manual, copy the “Manual” folder to your computer’s hard drive, and then run “Setup.exe”.
- ☐ To delete an installed manual, on the [Start] menu, click [Programs], then [Product Name], and then uninstall the data.

PDF Manuals

The supplied CD-ROM contains PDF versions of the HTML user manuals.

❖ File path

The PDF manuals are in the following folders on the CD-ROM:

- About This Machine
PDF MANUAL\US_ENG\INTRO
- General Settings Guide
PDF MANUAL\US_ENG\USERTOOL
- Troubleshooting
PDF MANUAL\US_ENG\TROUBLE
- Copy/Document Server Reference
PDF MANUAL\US_ENG\COPY

- Facsimile Reference
PDF MANUAL\US_ENG\FAX
- Printer Reference
PDF MANUAL\US_ENG\PRINTER
- Scanner Reference
PDF MANUAL\US_ENG\SCANNER
- Network Guide
PDF MANUAL\US_ENG\NETWORK
- PostScript3 Supplement
PDF MANUAL\US_ENG\PS3

3

 Note

- ☐ To view the PDF manuals, you need to have Adobe Acrobat or Adobe Reader installed on your computer.

3



1 Double-click the icon on your desktop.



 **Note**

1 Click **[Read manuals]**.

2 Click the title of the manual you want to view.

The browser opens, and then the manual appears.

3

Copy Paper

This section describes recommended paper sizes and types, unusable paper, and paper storage.

Recommended Paper Sizes and Types

The following limitations apply to each tray:

Important

- ❑ If you use damp or curled paper, a staple clogging or paper jam may occur.

3

❖ Paper tray 1

Paper type and weight	Metric version	Inch version	Paper capacity
Standard 60-81 g/m ² (16-22 lb.)	A4 	8 1/2" × 11" 	550 sheets
Middle thick paper 82-105 g/m ² (22-28 lb.)			*1
Thick paper 106-169 g/m ² (28.5-44 lb.)			

*1 When loading paper, make sure the top of the stack is not higher than the limit mark of the paper tray.

❖ Paper tray 2 and Paper tray 3,4 (option)

Paper type and weight	Metric version	Inch version	Paper capacity
Standard 60-81 g/m ² (16-22 lb.)	A3  , A4  , A5  , B4 JIS  , B5 JIS  , 11" × 17"  , 8 1/2" × 14"  , 8 1/4" × 14"  , 8 1/2" × 11"  , 7 1/4" × 10 1/2"  , 8" × 13"  , 8 1/2" × 13" , 8 1/4" × 13" , 11" × 15" , 10" × 14" , 8" × 10" , 8K , 16K	11" × 17"  , 8 1/2" × 14"  , 8 1/4" × 14"  , 8 1/2" × 11"  , 7 1/4" × 10 1/2"  , 8" × 13"  , 8 1/2" × 13" , 8 1/4" × 13" , 11" × 15" , 10" × 14" , 8" × 10" , 8K , 16K	550 sheets
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	

Paper type and weight	Metric version	Inch version	Paper capacity
Middle thick paper 82-105 g/m ² (22-28 lb.)	A3, A4, A5, B4 JIS, B5 JIS, 11" × 17", 8 1/2" × 14", 8 1/4" × 14", 8 1/2" × 11", 7 1/4" × 10 1/2", 8" × 13", 8 1/2" × 13", 8 1/4" × 13", 11" × 15", 10" × 14", 8" × 10", 8K, 16K		*1
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	
Thick paper 106-169 g/m ² (28.5-44 lb.)	A3, A4, A5, B4 JIS, B5 JIS, 11" × 17", 8 1/2" × 14", 8 1/4" × 14", 8 1/2" × 11", 7 1/4" × 10 1/2", 8" × 13", 8 1/2" × 13", 8 1/4" × 13", 11" × 15", 10" × 14", 8" × 10", 8K, 16K		*1
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	

*1 When loading paper, make sure the top of the stack is not higher than the limit mark of the paper tray.

❖ Bypass Tray

Paper type and weight	Metric version	Inch version	Paper capacity
Standard paper 60-81 g/m ² (16-22 lb.)	A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12" × 18", 11" × 17", 8 1/2" × 14", 8 1/4" × 14", 8 1/2" × 11", 5 1/2" × 8 1/2", 7 1/4" × 10 1/2", 8" × 13", 8 1/2" × 13", 8 1/4" × 13", 11" × 15", 10" × 14", 8" × 10", 8K, 16K		100 sheets
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	
Middle thick paper 82-105 g/m ² (22-28 lb.)	A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12" × 18", 11" × 17", 8 1/2" × 14", 8 1/4" × 14", 8 1/2" × 11", 5 1/2" × 8 1/2", 7 1/4" × 10 1/2", 8" × 13", 8 1/2" × 13", 8 1/4" × 13", 11" × 15", 10" × 14", 8" × 10", 8K, 16K		*1
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	

Paper type and weight	Metric version	Inch version	Paper capacity
Thick paper 106-253 g/m ² (28.5-67 lb.)	A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS, 12" × 18", 11" × 17", 8 1/2" × 14", 8 1/4" × 14", 8 1/2" × 11", 5 1/2" × 8 1/2", 7 1/4" × 10 1/2", 8" × 13", 8 1/2" × 13", 8 1/4" × 13", 11" × 15", 10" × 14", 8" × 10", 8K, 16K		*1
	Custom size (Vertical: 90-305 mm, Horizontal: 148-457.2 mm/For printer or fax - Vertical: 90-305 mm, Horizontal: 148-600 mm)	Custom size (Vertical: 3.55"-12", Horizontal: 5.5"-18"/For printer or fax - Vertical: 3.55"-12", Horizontal: 5.5"-23.6")	
Translucent paper	A3, A4, B4 JIS, B5 JIS		1 sheet
OHP transparencies	A4		50 sheets
Label paper (adhesive labels)	B4 JIS, A4		30 sheets
Envelope	9 1/2" × 4 1/2", 7 1/2" × 3 7/8", C6 Env, C5 Env, DL Env		-

*1 When loading paper, make sure the top of the stack is not higher than the limit mark of the bypass tray.

❖ Large Capacity Tray

Paper type and weight	Metric version	Inch version	Paper capacity
Standard 60-105g/m ² (16-28lb.)	A4	8 1/2" × 11"	2000 sheets

Note

- ☐ When you load paper in Paper Tray 1, 2, or 3 (LCT) or on the optional Lower Paper Trays, load it print side up.
- ☐ Load paper into the bypass tray with the print side down.
- ☐ When using the bypass tray, it is recommended to set the paper orientation to .
- ☐ You must manually specify the size of custom size paper when loading it on the bypass tray.
- ☐ When loading paper in Paper Tray 3 (LCT), make sure the top of the stack is no higher than the limit mark. The number of sheets you can load depends on the thickness and condition of the paper.
- ☐ If you want to change the size of paper that can be loaded in Paper Tray 3 (LCT), contact your service representative.
- ☐ If multiple-sheet jams occur, load the paper sheet by sheet.

- ☐ Do not use paper designed for inkjet printers, as these may stick to the fusing unit and cause a misfeed.
- ☐ We recommend you load OHP transparencies, and adhesive label sheets one at a time.
- ☐ When loading OHP transparencies, check the front and back of the sheets, and place them correctly, or a misfeed might occur. Set the paper orientation to .
- ☐ When loading OHP transparencies, set **[Special Paper]** in Bypass Tray Paper to **[OHP]**.
- ☐ When using OHP transparencies, fan them for each use. If you store the sheets in the tray, they may adhere and may cause feeding problems.
- ☐ When copying onto OHP transparencies, remove copied sheets one by one.
- ☐ When loading thick paper (106-253g/m², 28.5-67lb.), or adhesive label sheets, make sure the top of the stack is no higher than the limit mark. The number of sheets you can load depends on the thickness and condition of the paper.
- ☐ To load thick paper (106-253g/m², 28.5-67lb.), set **[Special Paper]** in Bypass Tray Paper to **[Thick Paper 1]**, **[Thick Paper 2]**, or **[Thick Paper 3]**.
- ☐ To print onto adhesive label sheets, set **[Special Paper]** in Bypass Tray Paper to **[Thick Paper]**.
- ☐ When copying onto letterhead paper, the paper placing orientation is different depending on which function you are using. See "Orientation-Fixed Paper or Two-Sided Paper", Troubleshooting.
- ☐ If you load paper of the same size in the same orientation in two or more trays, the machine automatically shifts to the other tray - except the bypass tray - when the first tray in use runs out of paper. This function is called "Auto Tray Switching". (However, if one tray has recycled or special paper, the settings of the other trays must be the same for Auto Tray Switching to work.) This saves interrupting a copy run to replenish paper when making a large number of copies. See "General Features", and "Tray Paper Settings", General Settings Guide.

Unusable Paper

This section describes paper unusable on this machine.

CAUTION:

- *Do not use aluminum foil, carbon paper, or similar conductive paper to avoid a fire or machine failure.*

Important

- ☐ To prevent faults, do not use any of the following kinds of treated paper:
 - Paper for inkjet printers
 - Thermal fax paper
 - Art paper
 - Aluminum foil

- Carbon paper
- Conductive paper
- Paper with perforated lines
- Hemmed-edge paper
- Tab stock

❑ Faults can occur if you copy onto sides that are already printed. Take care to copy onto unprinted sides only.

To prevent misfeeds, do not use the following kinds of paper:

- Bent, folded, or creased paper
- Perforated paper
- Slippery paper
- Torn paper
- Rough paper
- Thin paper with little stiffness
- Paper with a dusty surface

If you copy onto rough grain paper, the image might be blurred.

Do not reuse copy paper that has been already copied or printed onto.

3

Paper Storage

This section describes how to store paper.

- When storing paper, the following precautions should always be followed:
 - Do not store paper where it will be exposed to direct sunlight.
 - Avoid storing paper in humid areas (humidity: 70% or more).
 - Store on a flat surface.
 - Do not store paper vertically.
- Under high temperature and humidity conditions, or low temperature and humidity conditions, store paper in vinyl bags.

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