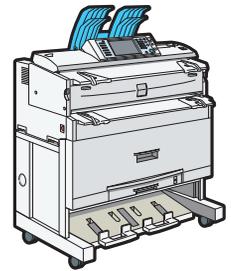




3406WD
GWD3006
LW426
Aficio™ MP W3601

Operating Instructions Printer Reference



-
- 1** Preparing the Machine
 - 2** Printing Documents
 - 3** Printing Stored Documents
 - 4** Printing a PDF File Directly
 - 5** Printing GL/2 and TIFF Files
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Manuals for This Machine

Read this manual carefully before you use this machine.

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

Important

- Media differ according to manual.
- The printed and electronic versions of a manual have the same contents.
- Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.
- A Web browser must be installed in order to view the html manuals.

About This Machine

Before using the machine, be sure to read the section of this manual entitled Safety Information.

This manual introduces the machine's various functions. It also explains the control panel, preparation procedures for using the machine, how to enter text, how to install the CD-ROMs provided, and how to replace paper, toner, and other consumables.

Troubleshooting

Provides a guide for resolving common usage-related problems.

Copy and Document Server Reference

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

Printer Reference

Explains Printer functions and operations.

Scanner Reference

Explains Scanner functions and operations.

Network and System Settings Reference

Explains how to connect the machine to a network, configure and operate the machine in a network environment, and use the software provided. Also explains how to change User Tools settings and how to register information in the Address Book.

Security Reference

This manual is for administrators of the machine. It explains security functions that you can use to prevent unauthorized use of the machine, data tampering, or information leakage. For enhanced security, we recommend that you first make the following settings:

- Install the Device Certificate.
- Enable SSL (Secure Sockets Layer) Encryption.
- Change the user name and password of the administrator using Web Image Monitor.

For details, see "Setting Up the Machine", Security Reference.

Be sure to read this manual when setting the enhanced security functions, or user and administrator authentication.

VM Card Extended Feature Settings Device Reference

Explains how to set up the extended features settings with the machine.

VM Card Extended Feature Settings Web Reference

Explains how to set up the extended features settings using Web Image Monitor.

Other manuals

- UNIX Supplement
- Quick Reference Copy Guide
- Quick Reference Printer Guide
- Quick Reference Scanner Guide

↓ Note

- Manuals provided are specific to machine types.
- For "UNIX Supplement", please visit our Web site or consult an authorized dealer. This manual includes descriptions of functions and settings that might not be available on this machine.

Notice

Important

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.

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

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

How to Read This Manual

Symbols

This manual uses the following symbols:

 **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 on the machine's display or control panels.

Machine Types

This machine comes in several models which vary in copy/print speed.

 **Region A** (mainly Europe and Asia)

	Type 1	Type 2
Copy/print speed	2 sheets/minute (A0(E)☐) 4 sheets/minute (A1(D)☐)	3 sheets/minute (A0(E)☐) 6 sheets/minute (A1(D)☐)

 **Region B** (mainly North America)

Copy/print speed	3 sheets/minute (A0(E)☐) 6 sheets/minute (A1(D)☐)
------------------	--

Names of Major Items

Major items of this machine are referred to as follows in this manual:

- Roll Feeder Type 3601A/3601B → Paper roll tray

-
- Paper Cassette Type 240 → Cut paper tray

Notes

Contents of this manual are subject to change without prior notice.

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.

Laws and Regulations

Legal Prohibition

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law:

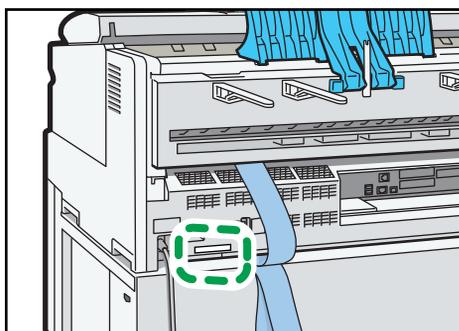
bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses.

The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

Model-Specific Information

This section explains how you can identify the region your machine belongs to.

There is a label on the rear of the machine, located in the position shown below. The label contains details that identify the region your machine belongs to. Read the label.



CBB013

The following information is region-specific. Read the information under the symbol that corresponds to the region of your machine.

 **Region A** (mainly Europe and Asia)

If the label contains the following, your machine is a region A model:

- CODE XXXX -27
- 220-240V

 **Region B** (mainly North America)

If the label contains the following, your machine is a region B model:

- CODE XXXX -17
- 120V

Note

- Dimensions in this manual are given in two units of measure: metric and inch. If your machine is a Region A model, refer to the metric units. If your machine is a Region B model, refer to the inch units.

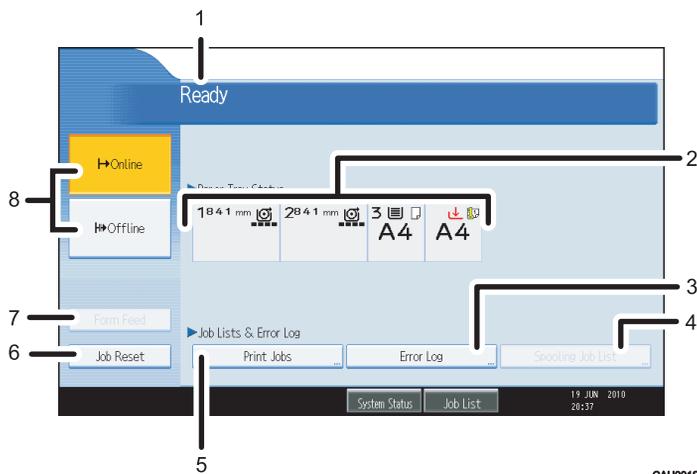
Display Panel

This section describes configuration using the display panel when the printer function is selected.

Initial Display

★ Important

- The machine switches to offline when you make settings in online mode. After you complete the setting, the machine switches to online automatically.
- If you make a setting when the machine is offline, it will stay offline afterwards.
- The function items displayed serve as selector keys. You can select or specify an item by pressing it lightly.
- When you select or specify an item on the control panel, it becomes highlighted.
- Keys dimmed (for example, **OK**) cannot be used.



1. Operational status or messages

Displays current machine status, such as "Ready", "Offline", and "Printing...". Information about the print job (user ID and document name) appears in this section.

2. Paper Tray Status indicators

The paper tray settings appear.

3. Error Log

Press to display the error logs of print jobs sent from a computer.

4. Spooling Job List

Press to display spooled jobs.

5. Print Jobs

Press to display print jobs sent from a computer.

6. Job Reset

Press to cancel the current print job.

If you press it when the machine is offline and Hex Dump is selected, Hex Dump is canceled.

7. Form Feed

Press to print all the data left in the machine's input buffer.

- When the machine is online, the status appears dimly.

8. Online / Offline

Press to switch the machine between online and offline.

When the machine is online, it can receive data from the computer.

When the machine is offline, it cannot receive data from the computer.

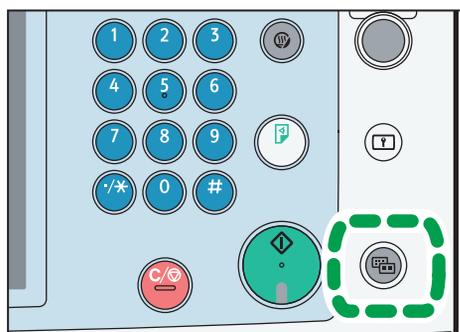
Note

- When the power is turned on, the copier display is shown. This is a factory default. This initial setting can be changed. For details, see "System Settings", Network and System Settings Reference.

Simplified Display

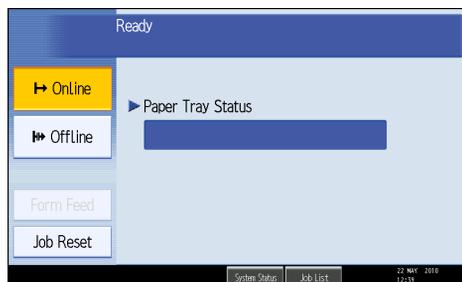
This section explains how to switch to the simplified display.

When you press the [Simplified Display] key, the screen changes from the initial display to the simplified display. Letters and keys are displayed at a larger size, making operations easier.



CAU013S

Example of a simplified display



↓ Note

- To return to the initial display, press the [Simplified Display] key again.
- Certain keys do not appear on the simplified display.
- The [Simplified Display] key is lit when the simplified display is active.



1. Preparing the Machine

This chapter describes how to connect this machine to your computer, and install the printer driver.

Confirming the Connection Method

This machine supports network and local connection.

Before installing the printer driver, check how the machine is connected. Follow the driver installation procedure that is appropriate to the connection method.

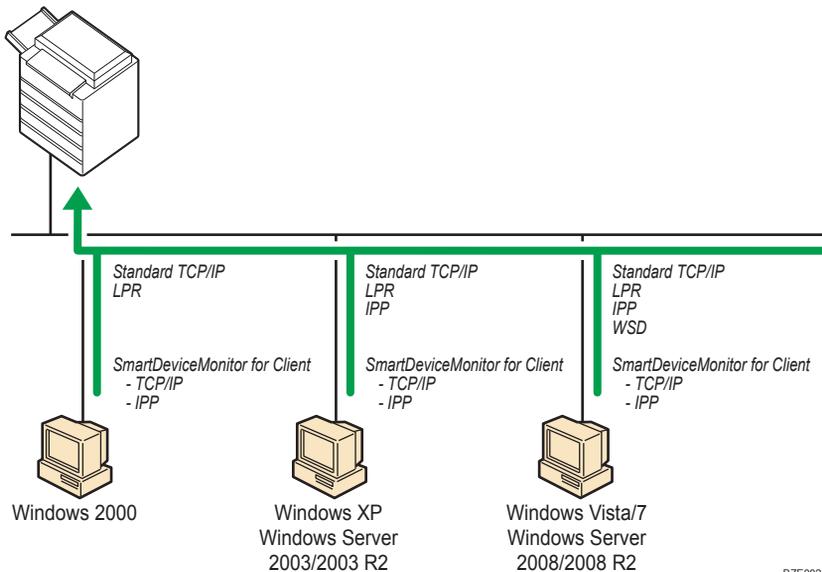
Network Connection

This machine can be used as a Windows printing port or network printer.

Using this machine as the Windows printing port

Network connections can be established through Ethernet, and Wireless LAN.

Available ports are determined based on the combination of Windows operating system version and connection method used.



BZE002S

Windows 2000

Connection Method	Available Ports
<ul style="list-style-type: none"> • Ethernet • Wireless LAN 	<ul style="list-style-type: none"> • Standard TCP/IP port • LPR port • SmartDeviceMonitor for Client port

Windows XP, Windows Server 2003/2003 R2

Connection Method	Available Ports
<ul style="list-style-type: none"> • Ethernet • Wireless LAN 	<ul style="list-style-type: none"> • Standard TCP/IP port • IPP port • LPR port • SmartDeviceMonitor for Client port

Windows Vista/7, Windows Server 2008/2008 R2

Connection Method	Available Ports
<ul style="list-style-type: none"> • Ethernet • Wireless LAN 	<ul style="list-style-type: none"> • Standard TCP/IP port • IPP port • LPR port • WSD port • SmartDeviceMonitor for Client port

Note

- See the explanation about how to install the printer driver for each type of port.
- For details about Standard TCP/IP port, see "Installing the Printer Driver".
- For details about IPP port, see "Installing the Printer Driver".
- For details about LPR port, see "Installing the Printer Driver".
- For details about WSD port, see "Installing the Printer Driver".
- For details about SmartDeviceMonitor for Client port, see "Installing the Printer Driver".
- If your operating system is Windows Server 2008 R2 x64, download the printer driver from the manufacturer's Web site.

Reference

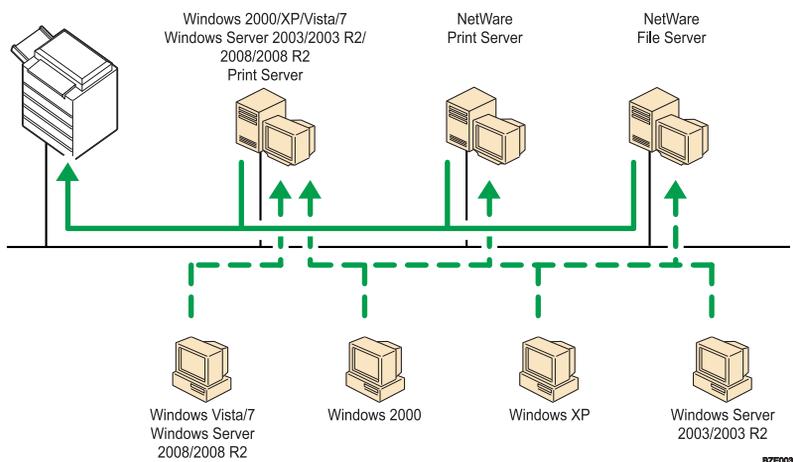
- p.21 "Installing the Printer Driver"

Using as a network printer

This machine can be used as the Windows network printer, the NetWare print server, or the NetWare remote printer.

★ Important

- IPX/SPX (NetWare) cannot be used under Windows Vista/7 and Windows Server 2008/2008 R2.



↓ Note

- In an IPv6 environment, NetWare servers cannot be used.
- See the explanation about how to install the printer driver for each type of network printer.
- For details about Windows network printer, see "Using as a Windows Network Printer".
- For details about NetWare print server and remote printer, see "Using as a NetWare Print Server/Remote Printer".
- If your operating system is Windows Server 2008 R2 x64, download the printer driver from the manufacturer's Web site.

📖 Reference

- p.21 "Installing the Printer Driver"
- p.35 "Using as a Windows Network Printer"
- p.37 "Using as a NetWare Print Server/Remote Printer"

Local Connection

Local connections can be established via USB connection.

↓ Note

- See the explanation about how to install the printer driver for each method of connections.

- For details about USB connections, see "Installing the Printer Driver Using USB".

 **Reference**

- p.38 "Installing the Printer Driver Using USB"

Installing the Printer Driver

This section explains how to install the printer driver. Install the printer driver according to the port you want to use.

Downloading the Printer Driver

You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.

If your operating system is Windows XP Pro x64, Windows Vista x64, Windows 7 x64, or Windows Server 2003 x64/2003 R2 x64/2008 x64/2008 R2 x64, you must download the printer driver from the manufacturer's Web site. Select this machine and the operating system you are using, and then download it.

Installing the Printer Driver for the Selected Port

You can install the appropriate driver according to the port you want to use.

1

Using the Standard TCP/IP Port

Use the following procedure to install the PostScript 3 printer driver using the Standard TCP/IP port.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- In an IPv6 environment, you cannot use the Standard TCP/IP Port. Use the SmartDeviceMonitor for Client port.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.

1. Quit all applications currently running.

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

The installer starts.

3. Select an interface language, and then click [OK].

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

4. Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

5. Click [Next >] under Windows 2000/ XP, Windows Server 2003/2003 R2.

6. Click [Local printer attached to this computer], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.

Under Windows 2000, click [Local printer], and then click [Next >].

Under Windows Vista/7, Windows Server 2008, click [Add a local printer].

7. Click [Create a new port:].

8. Click [Standard TCP/IP Port] in [Type of port:], and then click [Next >].

Under Windows 2000, click [Standard TCP/IP Port] in [Type], and then click [Next >].

9. Click [Next >] in the [Add Standard TCP/IP Printer Port Wizard] dialog box.

Under Windows Vista/7, Windows Server 2008, select [TCP/IP Device] in [Device type].

10. Enter the machine name or IP address in the [Printer Name or IP Address] box.

Under Windows Vista/7, enter the machine name or IP address in the [Hostname or IP address:] box.

The [Port Name] text box automatically obtains a port name. Change this name if necessary.

When screen for Device selection appears, select "RICOH NetworkPrinter Driver C Model".

11. Click [Next >] under Windows 2000/XP, Windows Server 2003/2003 R2.**12. Click [Finish] in the [Add Standard TCP/IP Printer Port Wizard] dialog box under Windows 2000/XP, Windows Server 2003/2003 R2.****13. Check that the name of the machine whose driver you want to install is selected, and then click [Next >].****14. Change the machine name if you want, and then click [Next >].**

If a check box for setting the machine as a default printer appears, configure as necessary.

If the [Windows can't verify the publisher of this driver software] message appears, click [Install this driver software anyway].

15. Specify whether or not to share the machine, and then click [Next >].**16. Specify whether or not to print a test page, and then click [Next >].****17. Click [Finish].**

If a check box for setting the machine as a default printer appears, configure as necessary.

If you want to print a test page, click [Print a Test Page] under Windows Vista/7.

If the [Hardware Installation] message appears, click [Continue Anyway].

The printer driver installation starts.

Note

- To stop installation of the selected driver, click [Cancel] before installation is complete.
- Depending on your computer's operating system, the [AutoPlay] dialog box may appear. If this happens, click [Run SETUP.EXE]. If the [User Account Control] dialog box appears, click [Yes] or [Continue] to allow the auto play program to run.
- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.
- Auto Run may not work with certain operating system settings. In that case, launch "Setup.exe" on the CD-ROM root directory.

Using the IPP Port

This section explains how to install the PostScript 3 printer driver for use on the IPP port.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- In an IPv6 environment, you cannot use the IPP Port. Use the SmartDeviceMonitor for Client port.
- The IPP port cannot be used under Windows 2000. If you are using Windows 2000, install the PostScript 3 printer driver using the SmartDeviceMonitor for Client port. To use the SmartDeviceMonitor for Client port , you must first download SmartDeviceMonitor for Client from the manufacturer's Web site. For details about the SmartDeviceMonitor for Client port, see "Using the SmartDeviceMonitor for Client Port".
- Installation of the certificate is especially necessary for users who want to print via IPP -SSL from Windows Vista/7, Windows Server 2008/2008 R2. For details, consult your administrator.
- If a certificate authority issues a certificate that must be authenticated by an intermediate certificate authority , and the certificate is installed on this machine , an intermediate certificate must be installed on the client computer. Otherwise, validation by the certificate authority will not be performed correctly . If validation cannot be performed properly , a warning message informing you that installation is not possible might appear when you try to add a printer using IPP -SSL under Windows Vista/7, Windows Server 2008/2008 R2. To enable authentication from the client computer , install the intermediate certificate on the client computer, and then reestablish connection.
- Intermediate certificates cannot be installed on this machine.
- To print via IPP-SSL, use the SmartDeviceMonitor for Client port.

1. Quit all applications currently running.

2. On the [Start] menu, click [Printers and Faxes].

Under Windows Vista/7, Windows Server 2008, click [Control Panel] on the [Start] menu, and then click [Printers] or [Devices and Printers] in [Hardware and Sound].

3. Click [Add a printer].

The [Add Printer Wizard] dialog box appears.

4. Click [Next>] under Windows XP, Windows Server 2003/2003 R2.

Under Windows Vista/7, Windows Server 2008, click [Add a network, wireless or Bluetooth printer].

5. Click [A network printer, or a printer attached to another computer] under Windows XP, Windows Server 2003/2003 R2.

Under Windows Vista/7, Windows Server 2008, click [The printer that I want isn't listed].

6. Click [Next>] under Windows XP, Windows Server 2003/2003 R2.

Under Windows Vista/7, Windows Server 2008, insert the provided CD-ROM into the computer's CD-ROM drive.

If the [AutoPlay] dialog box appears, click the [Close] button.

7. Click **[Connect to a printer on the Internet or on a home or office network:]** under **Windows XP, Windows Server 2003/2003 R2**.

Under Windows Vista/7, Windows Server 2008, click **[Select a shared printer by name]**.

8. Enter **"http:// machine's IP address/printer (or ipp)"** as the machine's address, and then click **[Next>]**.

9. Click **[Have Disk...]**.

10. Insert the provided CD-ROM into the computer's CD-ROM drive under **Windows XP, Windows Server 2003/2003 R2**.

If the **[AutoPlay]** dialog box appears, click the **[Close]** button.

11. Click **[Browse...]**, and then specify a location for the INF file.

If the CD-ROM drive letter is D, the printer driver's source files are stored in "D:\DRIVERS\PS \XP_VISTA\ (Language)\DISK1".

12. Click **[Open]**.

13. Click **[OK]** to close the **Install From Disk** window.

14. Select the machine you want to use, and then click **[OK]**.

If the **[Hardware Installation]** message appears, click **[Continue Anyway]**.

If the **[Windows can't verify the publisher of this driver software]** message appears, click **[Install this driver software anyway]**.

15. Configure the default printer as necessary, and then click **[Next >]**.

16. Click **[Finish]**.

If a check box for setting the machine as a default printer appears, configure as necessary.

If installation is successful, the icon of the printer connected to the IPP port is added to the **[Printers and Faxes]** window.

Note

- To stop installation of the selected driver, click **[Cancel]** before installation is complete.

Reference

- p.29 "Using the SmartDeviceMonitor for Client Port"

Using the LPR Port

This section explains how to install the PostScript 3 printer driver for use on the LPR port.

Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- In an IPv6 environment, you cannot use the LPR Port. Use the SmartDeviceMonitor for Client port.

- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**
- **You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.**

1

- 1. Quit all applications currently running.**
- 2. Insert the CD-ROM into the CD-ROM drive.**

The installer starts.

- 3. Select an interface language, and then click [OK].**

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

- 4. Click [PostScript 3 Printer Driver].**

Add Printer Wizard starts.

- 5. Click [Next >] under Windows 2000/XP, Windows Server 2003/2003 R2.**

- 6. Click [Local printer attached to this computer], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.**

Under Windows 2000, click [Local printer], and then click [Next >].

Under Windows Vista/7, Windows Server 2008, click [Add a local printer].

- 7. Click [Create a new port:].**

- 8. Click [LPR Port] in [Type of port:], and then click [Next >].**

Under Windows 2000, click [LPR Port] in [Type], and then click [Next >].

- 9. Enter the machine's IP address in the [Name or address of server providing lpd] box.**

- 10. Enter "lp" in the [Name of printer or print queue on that server] box, and then click [OK].**

- 11. Check that the name of the machine whose driver you want to install is selected, and then click [Next >].**

- 12. Change the machine name if you want, and then click [Next >].**

If a check box for setting the machine as a default printer appears, configure as necessary.

Under Windows Vista, the printer driver installation starts.

- 13. Specify whether or not to share the machine, and then click [Next >].**

- 14. Specify whether or not to print a test page, and then click [Next >].**

- 15. Click [Finish].**

If a check box for setting the machine as a default printer appears, configure as necessary.

If you want to print a test page, click [Print a Test Page] under Windows Vista/7.

If the [Hardware Installation] message appears, click [Continue Anyway].

The printer driver installation starts.

Note

- To stop installation of the selected driver, click [Cancel] before installation is complete.
- Depending on your computer's operating system, the [AutoPlay] dialog box may appear. If this happens, click [Run SETUP.EXE]. If the [User Account Control] dialog box appears, click [Yes] or [Continue] to allow the auto play program to run.
- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.
- Auto Run may not work with certain operating system settings. In that case, launch "Setup.exe" on the CD-ROM root directory.

Using the WSD Port

This section explains how to install the PostScript 3 printer driver for use on the WSD port.

★ Important

- **The WSD Port can be used under Windows Vista/7, Windows Server 2008/2008 R2.**
- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**
- **You can connect to the machine only if both the machine and computer are on the same network segment, or "Network discovery" is enabled. For details, see Windows Help.**

Windows Vista, Windows Server 2008:

- 1. Quit all applications currently running.**
- 2. On the [Start] menu, click [Network] under Windows Vista, Windows Server 2008.**
The [Network] window appears, and the device search begins automatically.
- 3. Right-click the machine's icon, and then click [Install].**
If the [User Account Control] dialog box appears, click [Continue].
The [Found New Hardware] dialog box appears.
- 4. Click [Locate and install driver software (recommended)].**
If the [User Account Control] dialog box appears, click [Continue].
The [Found New Hardware] window appears.
- 5. Click [Browse my computer for driver software (advanced)].**
- 6. Insert the provided CD-ROM into the computer's CD-ROM drive.**
If the [AutoPlay] dialog box appears, click the [Close] button.
- 7. Click [Browse...], and then specify a location for the printer driver.**
If the CD-ROM drive letter is D, the printer driver's source files are stored in "D:\DRIVERS\PS \XP_VISTA\ (Language) \DISK1".

8. Click [Next].

If the [Windows can't verify the publisher of this driver software] message appears, click [Install this driver software anyway].

9. Click [Close].

If installation is successful, the icon of the machine connected to the "WSD" port is added to the [Printers] window.

Note

- The port name that follows "WSD" uses random character strings. It cannot be changed freely.
- To stop the installation, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the machine's icon in the [Network] window, and then click [Uninstall].

Reference

- p.43 "Making Option Settings for the Printer"

Windows 7:

1. Quit all applications currently running.

2. On the [Start] menu, click [Computer].

3. Click [Network].

4. Right-click the machine's icon, and then click [Install].

Driver installation starts automatically.

If the "Device driver software was not successfully installed" message appears, close the message, and then proceed to step 5.

5. On the [Start] menu, click [Devices and Printers].

[Devices and Printers] window appears.

6. Click [Add a printer].

7. Click [Add a local printer].

8. Check the [Use an existing port:] check box, and select WSD port.

9. Click [Next].

10. Click [Have Disk...].

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

The installer starts.

If the [AutoPlay] dialog box appears, click the [Close] button.

To disable Auto Run, press the left [Shift] key when inserting the CD-ROM into the drive and keep it pressed until the computer finishes reading from the CD-ROM.

12. Click [Browse...], and then specify a location for the printer driver.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following location: D:\DRIVERS\PS\XP_VISTA\(\Language)\DISK1

13. Click [OK] to close the [Install From Disk] window.**14. Select manufacturer and model name of the machine you want to use, and then click [Next].****15. Follow the instructions on the screens.**

According to your needs, you may change the machine name, configure the machine as a default printer and/or a shared printer, and print a test page.

16. Click [Finish].

If installation is successful, the icon of the printer connected to the WSD port is added to the [Devices and Printers] window.

Note

- The port name that follows "WSD" uses random character strings. It cannot be changed freely.
- To stop the installation, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the printer's icon in the [Network] window, and then click [Uninstall].

Using the SmartDeviceMonitor for Client Port

Use the following procedure to install the printer driver using the SmartDeviceMonitor for Client port.

To use this function, you must first download SmartDeviceMonitor for Client from the manufacturer's Web site and install it on your computer. Contact your local dealer for information on downloading SmartDeviceMonitor for Client.

Installing the PostScript 3 Printer Driver (TCP/IP)

This section explains how to install the PostScript 3 printer driver for use on TCP/IP port.

Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.

1. Quit all applications currently running.
2. Insert the CD-ROM into the CD-ROM drive.

The installer starts.

3. Select an interface language, and then click [OK].

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

4. Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

5. Click [Next >] under Windows 2000/XP, Windows Server 2003/2003 R2.

6. Click [Local printer attached to this computer], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.

Under Windows 2000, click [Local printer], and then click [Next >].

Under Windows Vista/7, Windows Server 2008, click [Add a local printer].

7. Click [Create a new port:].

8. Click [SmartDeviceMonitor] in [Type of port:], and then click [Next >].

Under Windows 2000, click [SmartDeviceMonitor] in [Type], and then click [Next >].

9. Click [TCP/IP], and then click [Search].

A list of machines using TCP/IP appears.

10. Select the machine you want to use, and then click [OK].

Only machines that respond to a broadcast from the computer appear. To use a machine not listed here, click [Specify Address], and then enter the IP address or host name of the machine.

11. Check that the name of the machine whose driver you want to install is selected, and then click [Next >].

12. Change the machine name if you want, and then click [Next >].

If a check box for setting the machine as a default printer appears, configure as necessary.

If the [Windows can't verify the publisher of this driver software] message appears, click [Install this driver software anyway].

13. Specify whether or not to share the machine, and then click [Next >].

14. Specify whether or not to print a test page, and then click [Next >].

15. Click [Finish].

If a check box for setting the machine as a default printer appears, configure as necessary.

If you want to print a test page, click [Print a Test Page] under Windows Vista/7.

If the [Hardware Installation] message appears, click [Continue Anyway].

The printer driver installation starts.

Note

- To stop installation of the selected driver, click [Cancel] before installation is complete.

- Depending on your computer's operating system, the [AutoPlay] dialog box may appear. If this happens, click [Run SETUP.EXE]. If the [User Account Control] dialog box appears, click [Yes] or [Continue] to allow the auto play program to run.
- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.
- Auto Run may not work with certain operating system settings. In that case, launch "Setup.exe" on the CD-ROM root directory.

Installing the PostScript 3 Printer Driver (IPP)

This section explains how to install the PostScript 3 printer driver for use on IPP port.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.

1. Quit all applications currently running.
2. Insert the CD-ROM into the CD-ROM drive.

The installer starts.

3. Select an interface language, and then click [OK].

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

4. Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

5. Click [Next >] under Windows 2000/XP, Windows Server 2003/2003 R2.
6. Click [Local printer attached to this computer], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.

Under Windows 2000, click [Local printer], and then click [Next >].

Under Windows Vista/7, Windows Server 2008, click [Add a local printer].

7. Click [Create a new port:].
8. Click [SmartDeviceMonitor] in [Type of port:], and then click [Next >].
Under Windows 2000, click [SmartDeviceMonitor] in [Type], and then click [Next >].
9. Click [IPP].

- 10. In the [Printer URL] box, enter "http://(machine's IP address or host name)/printer" as the machine's address.**

If the server authentication is issued, to enable SSL (a protocol for encrypted communication), enter "https://(machine's IP address or host name)/printer" (Internet Explorer 5.01, or a higher version must be installed).

(example IP address: 192.168.15.16)

http://192.168.15.16/printer

https://192.168.15.16/printer

You can enter "http://machine's IP address or host name/ipp" as the machine's address.

If the address is "192.168.001.010", you must enter it as "192.168.1.10" to connect to the machine.

- 11. Enter a name for identifying the machine in [IPP Port Name]. Use a name different from the one of any existing port.**

If a name is not specified here, the address entered in the [Printer URL] box becomes the IPP port name.

- 12. Click [Detailed Settings] to make necessary settings, and then click [OK].**

For information about the settings, see SmartDeviceMonitor for Client Help.

- 13. Click [OK].**

- 14. Check that the name of the printer driver you want to install is selected, and then click [Next >].**

- 15. Change the name of the machine if you want, and then click [Next >].**

Select the [Yes] check box to configure the machine as default.

- 16. Specify whether or not to share the machine, and then click [Next >].**

- 17. Specify whether or not to print a test page, and then click [Next >].**

- 18. Click [Finish].**

If a check box for setting the machine as a default printer appears, configure as necessary.

If you want to print a test page, click [Print a Test Page] under Windows 7.

If the [Hardware Installation] message appears, click [Continue Anyway].

The printer driver installation starts.

Note

- To stop installation of the selected driver, click [Cancel] before installation is complete.
- Depending on your computer's operating system, the [AutoPlay] dialog box may appear. If this happens, click [Run SETUP.EXE]. If the [User Account Control] dialog box appears, click [Yes] or [Continue] to allow the auto play program to run.
- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.

- Auto Run may not work with certain operating system settings. In that case, launch "Setup.exe" on the CD-ROM root directory.

Changing the port settings for SmartDeviceMonitor for Client

Follow the procedure below to change the SmartDeviceMonitor for Client settings, such as TCP/IP timeout, recovery/parallel printing, and printer groups.

Windows 2000:

1. Open the [Printers] window from the [Start] menu.
2. Click the icon of the machine you want to use. On the [File] menu, click [Properties].
The printer properties appear.
3. On the [Ports] tab, click [Configure Port...].
The [Port Configuration] dialog box appears.

Windows XP, Windows Server 2003/2003 R2:

1. Open the [Printers and Faxes] window from the [Start] menu.
The [Printers and Faxes] window appears.
2. Click the icon of the machine you want to use. On the [File] menu, click [Properties].
The printer properties appear.
3. Click the [Ports] tab, and then click [Configure Port...].
The [Port Configuration] dialog box appears.
 - User, proxy, and timeout settings can be configured for IPP.

Windows Vista, Windows Server 2008:

1. On the [Start] menu, click [Control Panel].
2. Open the [Printers] window from [Hardware and Sound].
The [Printers] window appears.
3. Right - click the icon of the machine you want to use, and then click the [Properties].
The printer properties appear.
4. Click the [Port] tab, and then click [Configure Port...].
The [Port Configuration] dialog box appears.
 - User, proxy, and timeout settings can be configured for IPP.

Windows 7, Windows Server 2008 R2:

1. Open the [Devices and Printers] window from the [Start] menu.

The [Devices and Printers] window appears.

2. Right - click the icon of the machine you want to use, and then click the [Printer properties].

The printer properties appear.

3. Click the [Ports] tab, and then click [Configure Port...].

The [Port Configuration] dialog box appears.

- User, proxy, and timeout settings can be configured for IPP.

Note

- If no settings on the [Recovery/Parallel Printing] tab are available, follow the procedure below.
 1. Click [Cancel] to close the [Port Configuration:] dialog box.
 2. Start SmartDeviceMonitor for Client, and then right-click the SmartDeviceMonitor for Client icon on the task tray.
 3. Point to [Properties], and then click [Extended Features Settings].
 4. Select the [Set Recovery/Parallel Printing for each port] check box.
 5. Click [OK] to close the [Extended Features Settings] dialog box.
- For details about these settings, see "Using the SmartDeviceMonitor for Client Port", or SmartDeviceMonitor for Client Help.

Reference

- p.29 "Using the SmartDeviceMonitor for Client Port"

How to enable Recovery/Parallel Printing

If no settings on the [Recovery/Parallel Printing] tab are available, follow the procedure below.

1. Start SmartDeviceMonitor for Client, and then right-click the SmartDeviceMonitor for Client icon on the taskbar.
2. Click [Extended Features Settings], and then select the [Set Recovery/Parallel Printing for each port] check box.
3. Click [OK] to close the [Extended Features Settings] dialog box.

Using as a Windows Network Printer

This section explains how to install the PostScript 3 printer driver when using the printer as a Windows network printer.

To use the print server, install the printer driver by selecting "Network printer server", and then select the Windows 2000/XP/Vista/7, Windows Server 2003/2003 R2/2008/2008 R2 shared printer.

This section assumes that the client computer has already been configured to communicate with a Windows 2000/XP/Vista/7, Windows Server 2003/2003 R2/2008/2008 R2 print server. Do not begin the following procedure before the client computer is set up and configured correctly.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to install the drivers. Log on as an Administrators group member.
- If you print with a print server connected to the machine using the SmartDeviceMonitor for Client port, Recovery Printing and Parallel Printing cannot be used from the client computer.
- If you print under Windows XP/Vista/7, Windows Server 2003/2003 R2/2008/2008 R2 print server, notification functions of SmartDeviceMonitor for Client may not be used with the client computer.
- You can install the printer driver from the CD-ROM provided with this printer or download it from the manufacturer's Web site.

1. Quit all applications currently running.
2. Insert the CD-ROM into the CD-ROM drive.

The installer starts.

3. Select an interface language, and then click [OK].

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

4. Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

5. Click [Next >] under Windows 2000/XP, Windows Server 2003/2003 R2.

Under Windows Vista/7, Windows Server 2008, click [Add a network, wireless or Bluetooth printer].

6. Click [A network printer, or a printer attached to another computer] and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.

Under Windows 2000, click [Network printer], and then click [Next >].

Under Windows Vista/7, Windows Server 2008, click [The printer that I want isn't listed].

7. Select [Browse for a printer], and then click [Next >] under Windows XP/Vista/7, Windows Server 2003/2003 R2/2008.

Under Windows 2000, select the location method from the [Locate Your Printer] screen, and then click [Next >].

8. Double-click the computer name you want to use as a print server under Windows 2000/XP, Windows Server 2003/2003 R2.

9. Select the machine you want to use, and then click [Next >].

If a security warning message appears, click [Yes].

The printer driver installation starts under Windows XP, Windows Server 2003/2003 R2.

Under Windows Vista/7, Windows Server 2008, select your machine, and then click [Select].

If a security warning message appears, click [Install driver].

The printer driver installation starts.

10. Click [Next >] under Windows XP, Windows Server 2003/2003 R2/2008.

Under Windows Vista/7, Windows Server 2008, Check the machine name, and then click [Next >].

If a check box for setting the machine as a default printer appears, configure as necessary.

If the [Windows can't verify the publisher of this driver software] message appears, click [Install this driver software anyway].

11. Specify whether or not to print a test page, and then click [Finish] under Windows Vista/7, Windows Server 2008.

If a check box for setting the machine as a default printer appears, configure as necessary.

If you want to print a test page, click [Print a Test Page] under Windows Vista/7.

Under Windows 2000/XP, Windows Server 2003/2003 R2, click [Finish], and then restart the computer to complete installation.

Note

- To stop installation of the selected driver, click [Cancel] before installation is complete.
- Depending on your computer's operating system, the [AutoPlay] dialog box may appear. If this happens, click [Run SETUP.EXE]. If the [User Account Control] dialog box appears, click [Yes] or [Continue] to allow the auto play program to run.
- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.
- Auto Run may not work with certain operating system settings. In that case, launch "Setup.exe" on the CD-ROM root directory.

Using as a NetWare Print Server/Remote Printer

This section explains how to set up a Windows computer used as a NetWare client.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- In an IPv6 environment, Netware servers cannot be used.

Follow the procedure below to set up the PostScript 3 printer driver.

1. In the [Printers] or [Printers and Faxes] window, open the printer properties.
2. Click the [Device Settings] tab.
3. Select [No] on the [Send CTRL-D Before Each Job:] and [Send CTRL-D After Each Job:], and then click [Apply].

Click [OK] to close the printer properties dialog box.

Printing after Resetting the Printer

Printer to print server connection requires 30 - 40 seconds to resume after the printer is reset. During this period, jobs may be accepted (depending on NetWare specifications) but not printed.

To print after resetting the printer as the remote printer, check on the print server that the remote printer is disconnected, or wait for two minutes before trying to print.

Installing the Printer Driver Using USB

This section explains how to install the PostScript 3 printer driver for use over a USB interface.

★ Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Make sure that machine is connected to the computer's USB ports using the USB interface cable.
- Before installing, check that only the operating system is running on the computer and no print jobs are in progress.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the manufacturer's Web site.

If the printer driver has already been installed, plug and play is enabled, and the icon of the machine connected to the "USB" port is added to the [Printers and Faxes] window.

The printer drivers can be installed from the CD-ROM provided with this machine.

If the printer driver is not installed, follow the plug-and-play instructions of the machine to install it from the CD-ROM provided with this machine.

1. **Check that the power of the machine is off.**
2. **Connect the machine to the computer using the USB cable.**
Connect the USB cable firmly.
3. **Turn on the power of the machine.**
4. **Select [No, not this time], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.**
Under Windows 2000, click [Next >].
5. **In the Found New Hardware Wizard window, click [Install from a list or specific location [Advanced]], and then click [Next >] under Windows XP, Windows Server 2003/2003 R2.**
Under Windows 2000, click [Search for a suitable driver for my device [recommended]], and then click [Next >] in the Found New Hardware Wizard window.
Under Windows Vista, Windows Server 2008, select [Locate and install driver software (recommended)] in the Found New Hardware window.
Click [Yes] or [Continue] if the [User Account Control] window appears.
6. **Select the [Specify a location] check box, and then click [Next >] under Windows 2000.**
7. **Insert the CD-ROM into the CD-ROM drive.**
If Auto Run starts, click [Cancel], and then [Exit].

To disable Auto Run, press the left [Shift] key when inserting the CD-ROM into the drive and keep it pressed until the computer finishes reading from the CD-ROM.

8. **Select the [Include this location in the search] check box under [Search for the best driver in these location], and then click [Browse] to specify the printer driver location under Windows XP, Windows Server 2003/2003 R2.**

Under Windows 2000, specify the location where the source files of the printer driver is stored.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following location: D:\DRIVERS\PS\XP_VISTA\(\Language)\DISK1

9. **Check the printer driver location, click [OK], and then click [Next >] in the Found New Hardware Wizard window under Windows 2000/XP, Windows Server 2003/2003 R2.**

If the [Hardware Installation] message appears, click [Continue Anyway].

If [Digital Signature Not Found] dialog box appears, click [Yes].

10. **Select the name of the machine whose driver you want to install, and then click [Next >] under Windows XP/Vista, Windows Server 2003/2003 R2/2008.**

If [Windows can't verify the publisher of this software] message appears in the installation, select the [Install this driver software anyway].

11. **Click [Finish] or [Close] under Windows 2000/XP/Vista, Windows Server 2003/2003 R2/2008.**

If installation is successful, the icon of the machine connected to the "USB001" port is added to the [Printers and Faxes] window.

↓ Note

- The number after "USB" varies depending on the number of machines connected.

Windows 7:

1. **Check that the power of the machine is off.**
2. **Connect the machine to the computer using the USB cable.**
Connect the USB cable firmly.
3. **Turn on the power of the machine.**
Found New Hardware Wizard starts, and USB Printing Support is installed automatically.
4. **Click [Devices and Printers] from the [Start] menu.**
[Devices and Printers] window appears.
5. **In [Unspecified], double-click the name of the machine whose driver you want to install.**
6. **Click the [Hardware] tab in the printer properties dialog box.**
7. **Check that the name of the printer driver you want to install is selected, and then click [Properties].**
8. **Click [General] tab.**

9. Click [Change settings].

10. Click the [Driver] tab.

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

If the [AutoPlay] dialog box appears, click the [Close] button.

To disable Auto Run, press the left [Shift] key when inserting the CD-ROM into the drive and keep it pressed until the computer finishes reading from the CD-ROM.

12. Click [Update Driver...].

13. Click [Browse my computer for driver software].

14. Click [Browse] to select the printer driver location.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following location: D:\DRIVERS\PS\XP_VISTA\Language\DISK1

15. Click [Next].

If [Windows can't verify the publisher of this software] message appears in the installation, click the [Install this driver software anyway].

16. Click [Close].

If installation is successful, the icon of the machine connected to the "USB001" port is added to the [Devices and Printers] window.

Note

- The number after "USB" varies depending on the number of machines connected.

If a Message Appears during Installation

Message number 58 or 34 indicates the printer driver cannot be installed using Auto Run. Install the printer driver using [Add Printer] or [Install Printer].

For Windows 2000:

1. On the [Start] menu, point to [Settings], and then click [Printers].
2. Double-click the Add Printer icon.
3. Follow the instructions in Add Printer Wizard.

If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS\XP_VISTA\Language\DISK1.

For Windows XP Professional and Windows Server 2003 / 2003 R2:

1. On the [Start] menu, click [Printers and Faxes].
2. Click [Add a printer].
3. Follow the instructions in Add Printer Wizard.

If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS\XP_VISTA\Language\DISK1.

For Windows XP Home Editions:

1. On the [Start] menu, click [Control Panel].
2. Click [Printers and Other Hardware].
3. Click [Printers and Faxes].
4. Click [Install Printer].
5. Follow the instructions in Add Printer Wizard.

If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS\XP_VISTA\Language\DISK1.

For Windows Vista and Windows Server 2008:

1. On the [Start] menu, click [Control Panel].
The [Control Panel] window appears.
2. Click [Printers] in "Hardware and Sound".
3. Click [Add a Printer].
4. Follow the instructions in Add Printer Wizard.

If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS\XP_VISTA\Language\DISK1.

For Windows 7:

1. On the [Start] menu, click [Control Panel].
2. Click [Hardware and Sound].
3. Click [Add a printer].
4. Follow the instructions in Add Printer Wizard.

If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS
\XP_VISTA\Language\DISK1.

Note

- If the installer starts, click [Cancel] to quit.

Making Option Settings for the Printer

When bidirectional communication works correctly, your computer obtains information about option, paper size and paper feed direction settings from the machine automatically. Bidirectional communication also allows you to monitor machine status.

When bidirectional communication is disabled, you have to set up option, paper size and paper feed direction settings on your computer manually.

Conditions for Bidirectional Communication

To support bidirectional communication, the following conditions must be met:

When connected with the network

- The Standard TCP/IP port must be used.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.
- If the Standard TCP/IP port is not used, the following conditions must be met:
 - The TCP/IP protocol or the IPP protocol is used. (When using the IPP protocol, the IPP port name must include the IP address.)
 - [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

When connected with USB

- The machine must be connected to the computer's USB port using the USB interface cable.
- The computer must support bidirectional communication.

If Bidirectional Communication Is Disabled

This section describes how to set up option, paper size and paper feed direction settings on your computer manually.

Important

- Procedures will vary slightly between operating systems. In this manual, Windows XP is used as a representative example of its operating system family.
- Manage Printers permission is required to change the printer properties in the [Printers] folder. Log on as an Administrators group member.

1. On the [Start] menu, click [Printers and Faxes].

Under Windows 2000, point to [Settings] on the [Start] menu, and then click [Printers]. The [Printers] window appears.

Under Windows Vista, Windows Server 2008, click [Control Panel] on the [start] menu, and then click [Printer]. The [Printers] window appears.

Under Windows 7, Windows Server 2008 R2, click [Devices and Printers] on the [start] menu. The [Devices and Printers] window appears.

2. Click the icon of the printer you want to use.

3. On the [File] menu, click [Properties].

Under Windows Vista, Windows Server 2008, right-click the icon of the printer you want to use, and then click the [Properties].

Under Windows 7, Windows Server 2008 R2, right-click the icon of the printer you want to use, and then click the [Printer properties].

4. Click the [Device Settings] tab.

5. Select options installed from the [Installable Options] area, and then make the necessary settings.

6. Click [Apply], and then click [OK] to close the printer properties dialog box.

Note

- For details about making option settings for the machine using a Mac, see "Setting Up Options for Mac OS X".

Reference

- p.162 "Setting Up Options for Mac OS X"

Using Adobe PageMaker Version 6.0, 6.5, or 7.0

1

Under Windows operating system environment with Adobe PageMaker, you need to copy PPD files to the PageMaker folder.

PPD files have the .ppd extension in the folder "DRIVERS \ PS \ XP_VISTA \ (Language) \ DISK1" on the CD-ROM provided with this machine.

The third folder "(Language)" may be substituted by an appropriate language name.

Copy the .ppd file to the PageMaker folder.

- **For PageMaker 6.0 default installation**

The directory is "C:\PM6\RSRC\PPD4".

- **For PageMaker 6.5 default installation**

The directory is "C:\PM65\RSRC\USENGLISH\PPD4".

The "USENGLISH" may vary depending on your language selection.

- **For PageMaker 7.0 default installation**

The directory is "C:\PM7\RSRC\USENGLISH\PPD4".

The "USENGLISH" may vary depending on your language selection.

↓ Note

- If the driver is not set correctly after copying the ".ppd" file, printing may not be performed properly.
- When using PageMaker, the optional features that can be selected by the printer driver will not be active. The following procedure describes how to activate the optional printer features.
 1. On the [File] menu, click [Print].

The [Print Document] dialog box appears.
 2. Make the necessary settings in the [Features] box.

2. Printing Documents

This chapter explains how to print documents using the printer driver. It also describes advanced printing functions such as collate and watermarks.

Displaying the Printer Driver Settings Screen

2

This section explains how to open and configure the printer driver properties.

The following procedure explains how to configure the printer driver under Windows XP. If you are using another operating system, the procedure might vary slightly.

Making Printer Default Settings - the Printer Properties

This section explains how to open the printer driver properties from [Printers and Faxes].

★ Important

- **Manage Printers permission is required to change the printer settings. Log on as an Administrators group member.**
- **You cannot change the machine default settings for individual users. Settings made in the [Printer Properties] dialog box are applied to all users.**

1. On the [Start] menu, click [Printers and Faxes].

The [Printers and Faxes] window appears.

Under Windows 2000, point to [Settings] on the [Start] menu, and then click [Printers].

The [Printers] window appears.

Under Windows Vista or Windows Server 2008, click [Control Panel] on the [Start] menu, and then click [Printer].

The [Printers] window appears.

Under Windows 7 or Windows Server 2008 R2, click [Devices and Printers] on the [Start] menu.

The [Devices and Printers] window appears.

2. Click the icon of the printer you want to use.

Under Windows Vista or Windows Server 2008, right - click the icon of the printer you want to use, and then click the [Properties].

Under Windows 7 or Windows Server 2008 R2, right - click the icon of the printer you want to use, and then click the [Printer Properties].

3. On the [File] menu, click [Properties] under Windows 2000, Windows XP, Windows Server 2003/2003 R2.

The [Printer Properties] dialog box appears.

4. Make the settings you require, and then click [OK].

Note

- Depending on the applications, the settings you make here may not be used as the default settings.
- For details, see the printer driver Help.

2

Making Printer Default Settings - Printing Preferences

This section explains how to open the [Printing Preferences] dialog box from [Printers and Faxes].

★ Important

- **When the printer driver is distributed from the print server, the setting values specified by the server are displayed as the default for [Printing Defaults...].**

1. On the [Start] menu, click [Printers and Faxes].

The [Printers and Faxes] window appears.

Under Windows 2000, point to [Settings] on the [Start] menu, and then click [Printers].

The [Printers] window appears.

Under Windows Vista or Windows Server 2008, click [Control Panel] on the [Start] menu, and then click [Printer].

The [Printers] window appears.

Under Windows 7 or Windows Server 2008 R2, click [Devices and Printers] on the [Start] menu.

The [Devices and Printers] window appears.

2. Click the icon of the printer you want to use.

Under Windows Vista, Windows 7 or Windows Server 2008/2008 R2, right - click the icon of the printer you want to use, and then click the [Printing Preferences].

The [Printing Preferences] dialog box appears.

3. On the [File] menu, click [Printing Preferences...] under Windows 2000, Windows XP, Windows Server 2003/2003 R2.

The [Printing Preferences] dialog box appears.

4. Make the settings you require, and then click [OK].

The setting is temporarily registered as [Unregistered] in the [One Click Preset List:] area.

Note

- Depending on the applications, the settings you make here may not be used as the default settings.
- The [Unregistered] setting is invalid if the other [One Click Presets] icon is selected. If you wish to confirm the [Unregistered] setting, click [Register Current Settings...]. For details about confirming the setting, see "Making Printer Settings - One Click Presets".

- For details, see the printer driver Help.

Reference

- p.49 "Making Printer Settings - One Click Presets"

Making Printer Settings from an Application

2

You can make printer settings for a specific application.

To make printer settings for a specific application, open the [Printing Preferences] dialog box from that application. The following procedure explains how to make printer settings for a specific application using Windows XP WordPad as an example.

1. On the [File] menu, click [Print...].

The [Print] dialog box appears.

2. In the [Select Printer] list, select the printer you want to use.

3. Click [Preferences].

The [Printing Preferences] dialog box appears.

4. Make the settings you require, and then click [OK].

Note

- Procedures for opening the [Printing Preferences] dialog box vary depending on the application. For details, see the manuals provided with the application.
- Depending on the applications, the printer default settings may not be applied.
- The printer settings you configure in the current application before printing might not be saved as the default settings.
- General users can change the properties displayed in the [Print] dialog box of an application. Settings made here are used as the defaults when printing from the application.
- For details, see the printer driver Help.

Making Printer Settings - One Click Presets

This section explains how to register and use one click presets.

Each function explained in this chapter is preconfigured and registered under [One Click Preset List:] on the [One Click Presets] tab.

You can apply the relevant setting simply by clicking on the one click preset name. This helps to avoid incorrect settings and misprints.

One click presets can be added, modified, and deleted as required. By using registered one click presets, users without in-depth knowledge of the printer driver can utilize advanced printing functions easily.

Follow the procedure to register one click presets.

- 1. In the application, on the [File] menu, click [Print].**

The [Print] dialog box appears.

- 2. Select the machine, and then open the [Printing Preferences] dialog box in the document's native application.**

The [Printing Preferences] dialog box appears.

- 3. Make the settings you require.**

- 4. Click [Register Current Settings...]. Enter a name and comment that describe the setting, and then click [OK].**

The newly registered icon appears with its registered name in the [One Click Preset List:] area.

- 5. Click [OK].**

 **Note**

- For details about modifying and deleting one click presets, see the printer driver Help.

Setting Paper on the Bypass Tray

This section gives instructions for setting paper on the bypass tray.

For details about supported paper sizes and types, see "Recommended Paper Sizes and Types", About This Machine.

★ Important

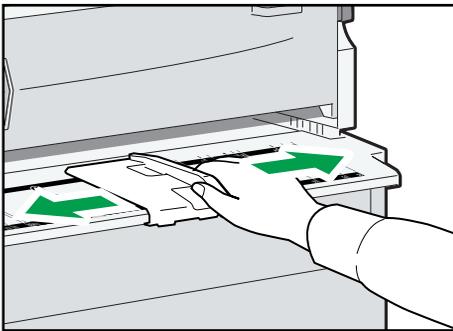
- Paper sizes that can be loaded onto the bypass tray can be 210.0 to 914.4 mm (8.27 to 36.00 in.) vertically, and 257.0 to 2000.0 mm (10.12 to 78.74 in.) horizontally.
- Insert the paper in the bypass tray lengthwise or sideways to fit it onto the feeding orientation.
- Insert the paper in the bypass tray lengthwise when you use A0□ size paper.
- The following functions are disabled when printing from the bypass tray:
 - Auto Tray Select
 - Extended Auto Tray Switching
 - Rotating Collate
- You cannot print or insert paper into the bypass tray during printing.

1. Set the paper size using the printer driver or control panel.

Under [Printer Features], [System], if you set [Tray Setting Priority] to [Driver / Command], use the printer driver to specify the paper size.

2. Adjust the bypass tray's paper guides to the size of the paper.

If the paper size of the paper guide and the paper do not match, skewing and misfeeds might occur.



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3. Send the print job to the machine.

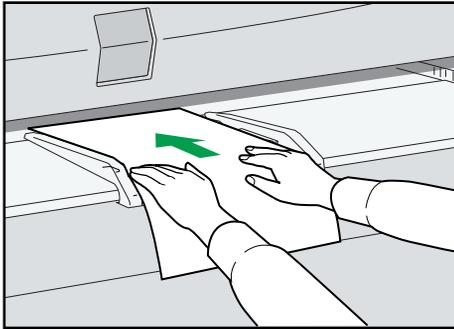
4. Gently push the paper face up into the bypass tray until the beeper sounds.

Place the paper centrally, so that the space on either side of its edges is even.

Then push it carefully in, so that it makes light contact with the feed rollers.

Support the paper with your hands until it feeds in.

The paper feeds into the machine automatically and printing starts.



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5. Check that the paper is properly fed.

↓ Note

- When the Panel Key Sound is turned off, it will not sound if you insert paper into the bypass tray. For details about Panel Key Sound, see "System Settings", Network and System Settings Reference.
- When loading translucent paper or film, set paper size and paper type.
- If you are printing multiple pages, feed the next sheet.
- Do not print on both sides of the paper.
- Do not use paper already copied or printed on.
- For details about paper type and orientation that can be loaded in the bypass tray, see "Recommended Paper Sizes and Types", About This Machine.
- To set a rolled paper, pull out the lower output auxiliary guide to the front, and then place the rolled paper on it.
- For details about setting printer drivers, see the printer driver Help.

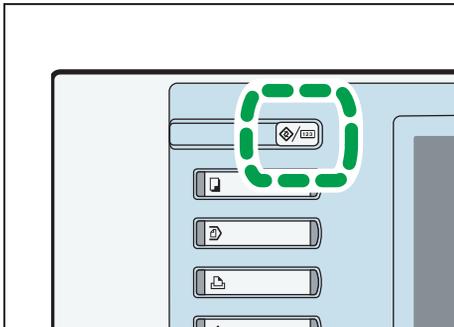
Setting the Paper Size Using the Control Panel

Follow the procedure below to set the machine using the control panel when loading standard size paper onto the bypass tray.

★ Important

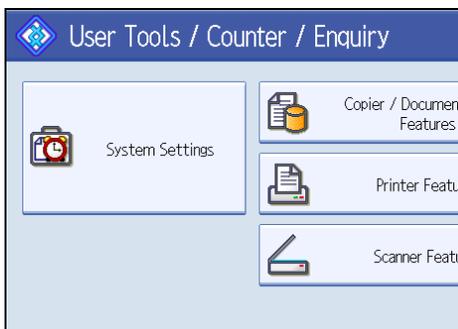
- The following procedures are not required if you select [Driver / Command] in [Bypass Tray] under [Tray Setting Priority] in [System] of [Printer Features]. In that case, set the paper size using the printer driver. For details about [System] settings, see "System".
- Under [Printer Features], [System], if you set [Tray Setting Priority] to [Machine Settings], paper size settings made on the printer driver must match those made on the control panel. If they do not match, an error message appears and printing stops if [Printer Features], [System], [Auto Continue] is not set. For details about [Printer Features] settings, see "System".

1. Press the [User Tools/Counter] key on the control panel.



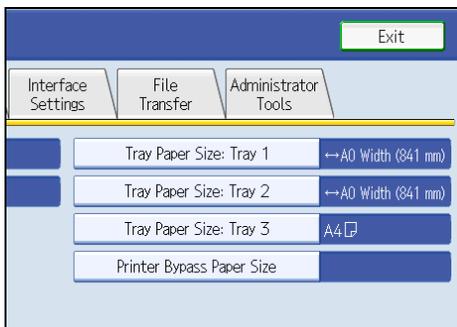
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2. Press [System Settings].

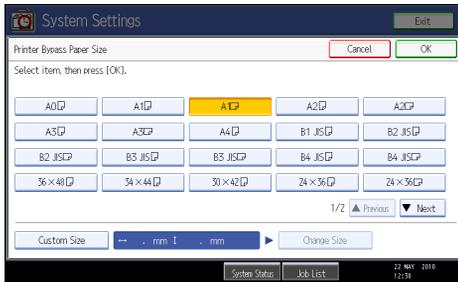


3. Press the [Tray Paper Settings] tab.

4. Press [Printer Bypass Paper Size].



5. Select the paper size.



6. Press [OK].

7. Press the [User Tools/Counter] key.

The initial screen appears.

Note

- When loading translucent paper or film, set paper size and paper type.
- For details about setting printer drivers, see the printer driver Help.

Reference

- p.155 "System"

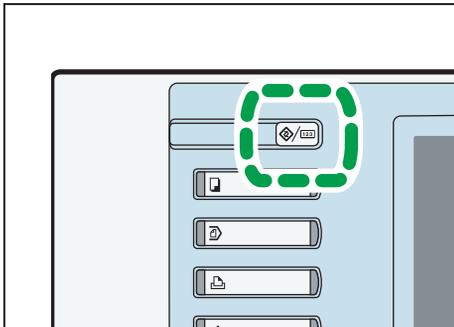
Setting Custom Size Paper Using the Control Panel

Follow the procedure below to set the machine using the control panel when loading custom size paper onto the bypass tray.

Important

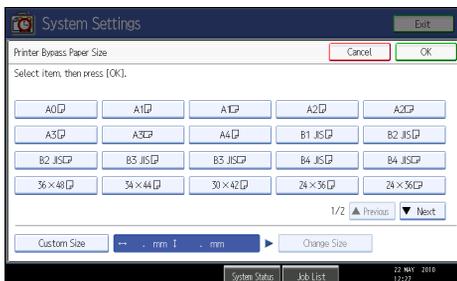
- Paper sizes that can be loaded onto the bypass tray can be 210.0 to 914.4 mm (8.27 to 36.00 in.) vertically, and 257.0 to 2000.0 mm (10.12 to 78.74 in.) horizontally.
- The following procedures are not required if you select [Driver / Command] in [Bypass Tray] under [Tray Setting Priority] in [System] of [Printer Features]. In that case, set the paper size using the printer driver. For details about [System] settings, see "System".
- If you select [Machine Settings] in [Bypass Tray] under [Tray Setting Priority] in [System] of [Printer Features], the settings made using the control panel have priority over the printer driver settings. For details about [System] settings, see "System".
- If the printer driver is not used, select [Machine Settings] from [Tray Setting Priority] in [System] of [Printer Features] (see "System"). Set paper size using the control panel.

1. Press the [User Tools/Counter] key on the control panel.



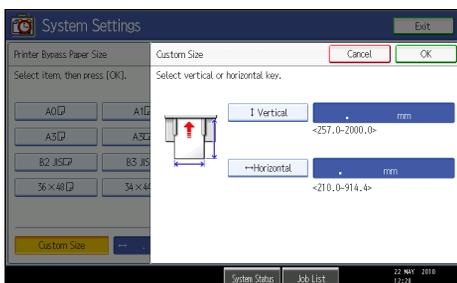
CAU012S

2. Press [System Settings].
3. Press the [Tray Paper Settings] tab.
4. Press [Printer Bypass Paper Size].
5. Press [Custom Size].



If a custom size is already set, press [Change Size].

6. Press [Vertical], enter the vertical size of the paper using the number keys, and then press the [#] key.



7. Press [Horizontal], enter the horizontal size of the paper using the number keys, and then press the [#] key.

8. Press [OK].

The paper sizes entered are displayed.

9. Press [OK].

10. Press the [User Tools/Counter] key.

The initial screen appears.

Note

- When loading translucent paper or film, set paper size and paper type.
- For details about setting printer drivers, see the printer driver Help.

Reference

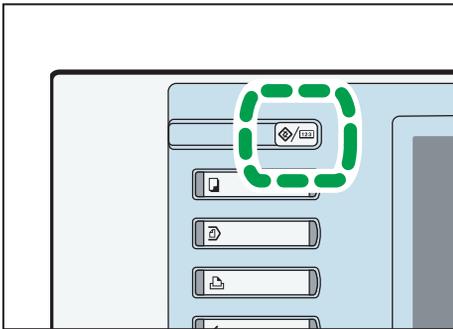
- p.155 "System"

Setting Translucent Paper or Film Using the Control Panel

Follow the procedure below to set the machine using the control panel when loading translucent paper or film onto the bypass tray.

Important

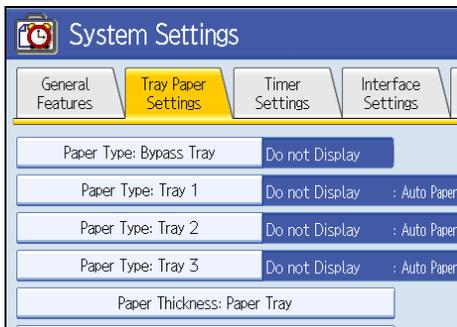
- The following procedures are not required if you select [Driver / Command] from [Tray Setting Priority] in [System] of [Printer Features]. In that case, set the paper type using the printer driver.
- If you select [Machine Settings] from [Tray Setting Priority] in [System] of [Printer Features], the settings made using the control panel have priority over the printer driver settings.
- If the printer driver is not used, select [Machine Settings] from [Tray Setting Priority] in [System] of [Printer Features]. Set the paper size using the control panel.

1. Press the [User Tools/Counter] key on the control panel.

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- 2. Press [System Settings].**
- 3. Press the [Tray Paper Settings] tab.**
- 4. Press [▼Next] to scroll through the list.**

5. Press [Paper Type: Bypass Tray].



2

6. Press [Translucent Paper] or [Film] on the [Paper Type] area when loading translucent paper or film.



7. Press [OK].

The paper type selected is displayed.

8. Press the [User Tools/Counter] key.

The initial screen appears.

↓ Note

- The settings made will remain valid until they are reset again. After printing on translucent paper or film, make sure to clear settings for the next user.
- For details about setting printer drivers, see the printer driver Help.

📖 Reference

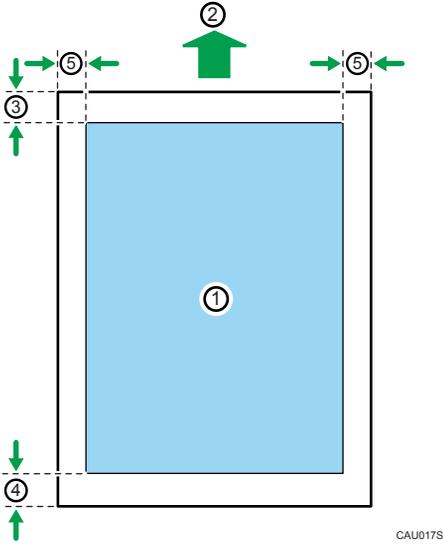
- p.155 "System"

Print Area

The following shows the print area for this printer. Be sure to set the print margins correctly by the application.

Paper

2



1. Print area
2. Feed direction
3. Approx. 5 mm (0.19 inches)
4. Approx. 8 mm (0.31 inches)
5. Approx. between 0 and 4 mm (0 to 0.15 inches) (The combined length of the right and left margins must be 5 mm (0.19 inches) or less.)

Note

- The print area may vary depending on the paper size, printer language and printer driver settings.

Frequently Used Print Methods

This chapter explains how to use the various printing functions including normal printing, and combine printing.

Each function described in this chapter is configured and registered in the [One Click Preset List:] area. You can also change the parameters for each function by modifying "One Click Presets ". For details about custom settings, see "Making Printer Settings - One Click Presets".

The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkece.

If you send a print job via USB 2.0 while the machine is in Low Power mode or Sleep mode, an error message might appear on your computer even though the job was printed. In this case, check if the document was printed.

Reference

- p.49 "Making Printer Settings - One Click Presets"

Standard Printing

Use the following procedure to print documents using the normal printing function with the printer driver.

Important

- **Before printing, make sure that the settings for the installed options and loaded paper are correctly configured.**

1. **After creating a document, open the [Printing Preferences] dialog box in the document's native application.**

The [Printing Preferences] dialog box appears.

2. **Click the [One Click Presets] tab, if it is not already selected.**
3. **In the [Job Type:] list, select [Normal Print].**
4. **In the [Paper Size:] list, select the size of the original to be printed.**
5. **In the [Orientation:] list, select [Portrait], [Landscape], or [Rotated Landscape] as the orientation of the original.**
6. **In the [Paper Source:] list, select the paper tray that contains the paper you want to print onto.**

If you select [Automatically Select] in the [Paper Source:] list, the source tray is automatically selected according to the paper size and type specified.

7. **In the [Media Type:] list, select the type of paper that is loaded in the paper tray.**
8. **If you want to print multiple copies, specify a number of sets in the [Copies:] box.**

9. To save current setting in the One Click Preset List, select the [Unregistered] icon in [One Click Preset List:], and then click [Register Current Settings...]. Enter a name and comment that describe the setting, and then click [OK].

The newly registered icon appears with its registered name in the [One Click Preset List:] area.

10. Click [OK] to close the [Printing Preferences] dialog box.
11. Print the document using the print function in the document's native application.

↓ Note

- The types of paper loaded in the paper trays are indicated on the printer's display. This allows you to see which tray the selected paper type is loaded in. However, the paper type setting available in the [Printing Preferences] dialog box might be different from the type indicated on the printer's display.

Combining Multiple Pages into Single Page

This section explains how to print multiple pages onto a single sheet. The combine printing function allows you to economize on paper by printing multiple sheets at reduced size onto a single sheet.

★ Important

- The combine printing function is not available on a custom size paper. To use the combine printing function, specify a standard size paper.

1. After creating a document, open the [Printing Preferences] dialog box in the document's native application.

The [Printing Preferences] dialog box appears.

2. To use an existing One Click Presets, click the [One Click Presets] tab, and then click the icon in the [One Click Preset List:] box.

If you do not wish to modify a custom setting that is already registered in the printer driver, change settings such as paper size and source tray as required, and then proceed to step 8.

3. Click the [Detailed Settings] tab.
4. In the [Menu:] box, click the [Edit] icon.
5. In the [Page Per Sheet] list, select the number of pages you want to combine.
6. In the [Pages Per Sheet Layout:] list, select the combination pattern from the list.
7. Change any other print settings if necessary.
8. To save current setting in the One Click Preset List, click [Register Current Settings...]. Enter a name and comment that describe the setting, and then click [OK].

The newly registered icon appears in the [One Click Preset List:] area.

9. Click [OK] to close the [Printing Preferences] dialog box.
10. Print the document using the print function in the document's native application.

↓ Note

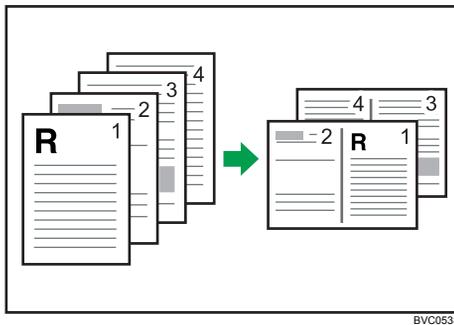
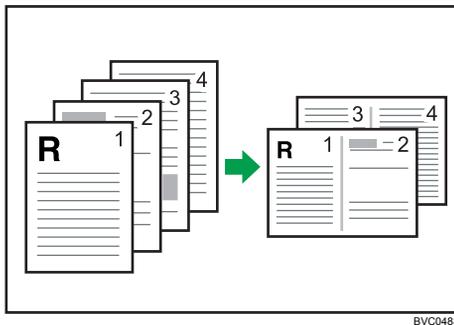
- If the document contains pages with different original sizes, page breaks may occur.
- If the application you are using also has a combine function, disable it. If the application's combine function is also enabled when the driver's combine function is enabled, incorrect printing is likely.
- For details about combining pages with different orientations and other advanced functions, see the printer driver Help.

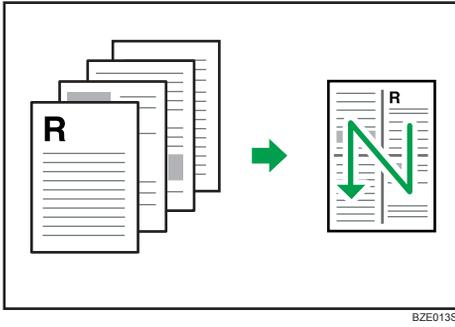
Types of combine printing

This section explains the different methods of combine printing that are available. This function allows you to print 2, 4, 6, 9, or 16 pages at reduced size onto a single sheet and to specify a page ordering pattern for the combination.

The following illustrations show example page ordering patterns for 2 and 4 page combinations.

2 Pages per Sheet





Advanced Printing

This chapter explains the machine's advanced printing functions.

Other than the functions that can be configured in the [One Click Presets] tab, various print functions can be set up from the [Menu:] icons in the [Detailed Settings] tab. The settings for each function described in this section can be changed by using the following menus.

2

Menu Names and Brief Overview of Each Function

The following is an overview of the settings that are available using the [Finishing], and [Effects] menus in the [Menu:] area.

The PostScript 3 printer driver's menus are shown as examples. For details about the PostScript 3 printer driver, see the printer driver Help.

Finishing menu

You can enable/disable collate function.

- Collate

When printing multiple sets of documents such as handouts for meetings, you can have prints delivered in batches of ordered sets.

Effects menu

- Watermarks

This function increases a document's security and identifiability by embedding a specified text (watermark) on every page.

Collate

When printing multiple documents such as handouts for meetings, you can separate sets into order. This function is known as "Collate". Collate stores data transmitted from a computer to the machine's memory or hard disk drive.

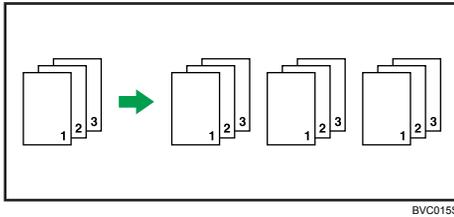
★ Important

- You can sort up to 1000 pages, and up to 999 copies.
- If [Auto Continue] occurs on the first set, Collate will be canceled. For details about [Auto Continue], see "System".
- When setting Collate in the printer driver settings, make sure that a collate option is not selected in the application's print settings. If a collate option is selected, printing will not be as intended.

The followings are the three types of Collate.

Collate

Printed output is assembled as sets in sequential order.

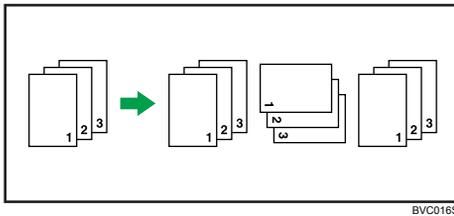


2

Rotating Collate

Every other print set is rotated by 90 degrees.

When the two paper trays contain the same size paper and same paper type in different orientations, the output result will be always Rotating Collate.



Conditions where Rotate Collate will be canceled

- When a paper tray is specified.
- If custom size paper is set.
- If jobs containing pages of various sizes are set.
- When the two paper roll trays or two cut paper trays are not installed.
- When the two paper roll trays or two cut paper trays do not contain the same size paper and same paper type in different orientations.

↓ Note

- When Rotating Collate has been selected, printing speed will be slower than with other collate functions.
- For details, see the printer driver Help.

📖 Reference

- p.155 "System"
- p.43 "Making Option Settings for the Printer"

Watermarks

Using this function, you can print documents with text watermarks.

This function increases a document's security and identifiability by embedding a specified text (watermark) on every page. You can specify only one type of watermark at a time.

2

Note

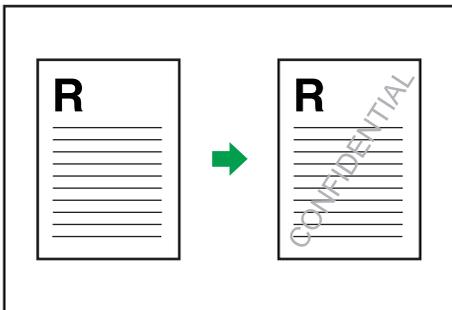
- You can create and apply custom watermarks. For details about creating original watermarks, see the printer driver Help.

Types of watermarks

This section explains the types of watermarks available.

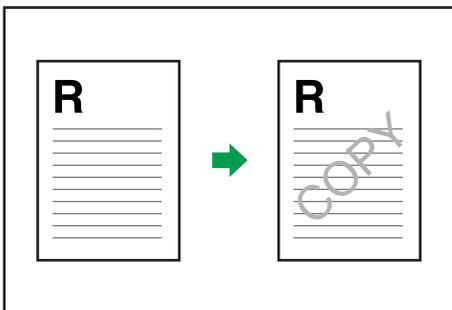
Following are the pre-registered text watermarks that are available:

- CONFIDENTIAL



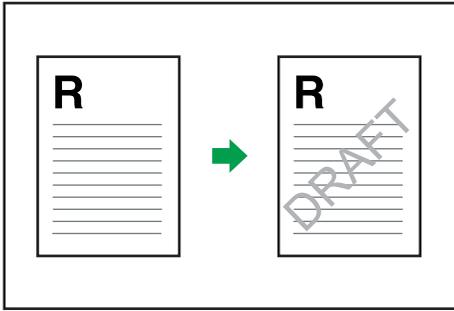
BVC022S

- COPY



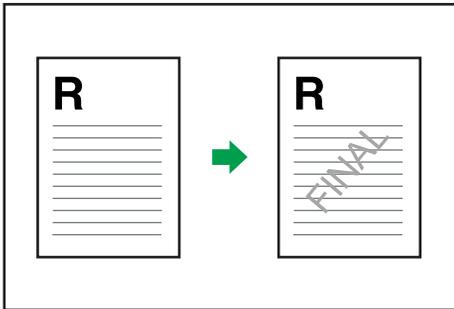
BVC020S

- DRAFT



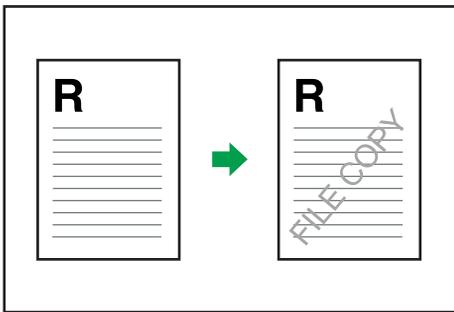
BVC023S

- FINAL



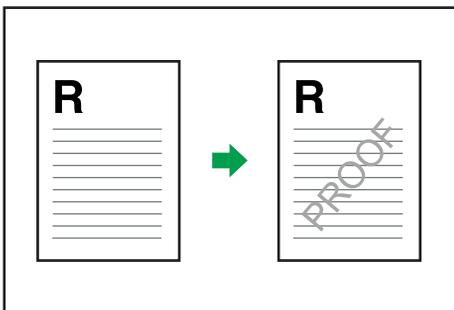
CAU008S

- FILE COPY



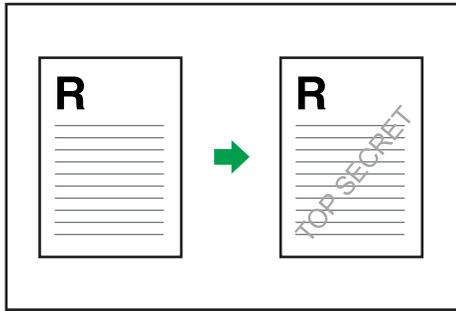
CAU009S

- PROOF



CAU010S

- TOP SECRET



CAU011S

Spool Printing

Spool Printing allows print jobs transferred from a computer to be temporarily stored, and then prints them after they are transferred. This shortens printing time as it maximizes printer efficiency.

★ Important

- During Spool Printing, the hard disk is accessed and the Data In indicator blinks. Turning off the computer or machine during Spool Printing can damage the hard disk. Also, if the computer or machine is turned off during Spool Printing, spooled jobs will be deleted. Therefore, do not turn the power of the computer or machine off during Spool Printing.
- If data is sent to the machine using other protocols besides "diprint", "lpr", "ipp", "ftp", "sftp", "smb", and "wsd (printer)", Spool Printing cannot be performed.

Setting Spool Printing

Spool Printing can be set using telnet or Web Image Monitor.

- Using Web Image Monitor

For details about Web Image Monitor, see "Using Web Image Monitor", Network and System Settings Reference.

- Using telnet

Type in "spoolsw spool on" to set Spool Printing.

For details about telnet, see "Remote Maintenance Using telnet", Network and System Settings Reference.

Displaying the spool job list on the control panel

When Spool Printing is set, you can display on the control panel the spooled print jobs stored in the machine.

To display the spooled print jobs, press the [Printer] key, and then press [Spooling Job List]. The spooled print job list appears.

If Spool Printing is not set, you cannot select [Spooling Job List].

To delete a spooled print job stored in the machine, select the job you want to delete, and then press [Delete].

Viewing/Deleting spool jobs in Web Image Monitor

Start Web Image Monitor and enter the machine's IP address in the address bar. This displays the top page.

For details, see Network and System Settings Reference.

↓ Note

- Up to a maximum of 150 jobs at once can be spool printed.
- If Spool Printing is not set, you cannot select [Spooling Job List].
- Printing the first page with Spool Printing will be slow.

- The computer requires less print processing time when large amounts of data are spooled.
- Stored spool jobs can be viewed or deleted using Web Image Monitor.

3. Printing Stored Documents

This chapter explains how to print documents stored in the machine.

Using the Print Job Function

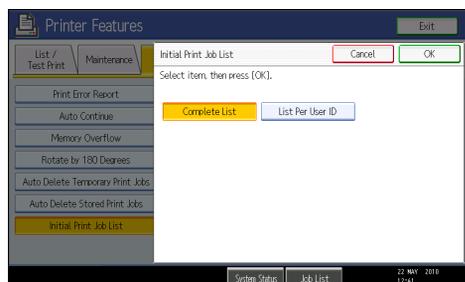
This describes how to print files stored in the machine.

The following types of printing can be selected using the printer driver: Sample Print, Locked Print, Hold Print, and Stored Print.

You can print or delete the print jobs stored in the machine which is sent from computers.

If you select Sample Print, Locked Print, and Hold Print, the print files stored in the machine are deleted after printing is completed. If you select Stored Print, the files remain in the machine even after printing is finished.

In the [Initial Print Job List] settings on the [System] tab under [Printer Features], the [Complete List] or the [List Per User ID] screen appears depending on which list type you selected.

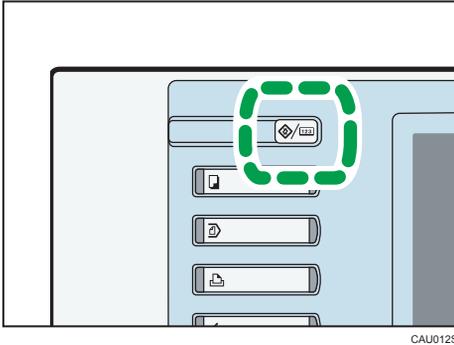


Selecting the Initial Print Job List

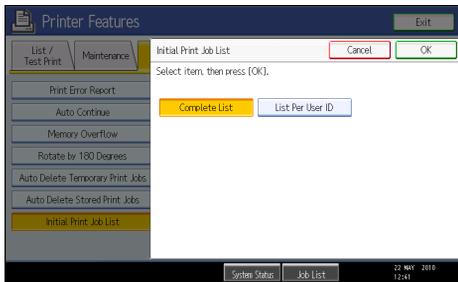
Follow the procedure below to set the initial Print Jobs screen, and to show it.

Selecting the Initial Print Job List

1. Press the [User Tools/Counter] key.



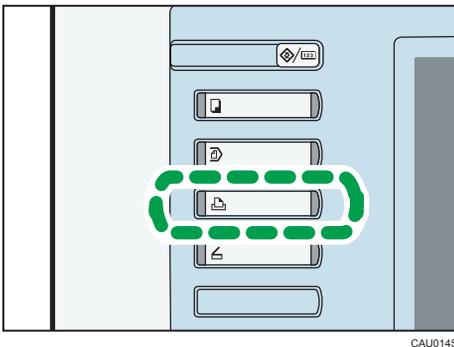
2. Press [Printer Features].
The [Printer Features] menu appears.
3. On the [System] tab, press [Initial Print Job List].
4. Select either [Complete List] or [List Per User ID].



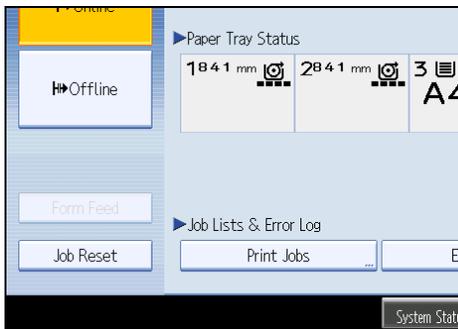
After configuring the settings, the selected type of print job list is displayed.

Displaying a Print Job List

1. Press the [Printer] key.



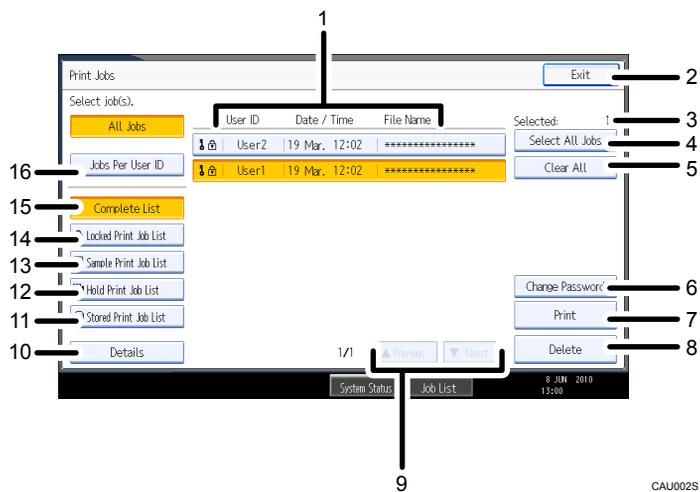
2. Press [Print Jobs].



Either the Complete List or List Per User ID screen appears.

Complete List

If you select [Complete List] from [Initial Print Job List], the following screen appears:



1. User ID, Date / Time, and File Name display

Displays the time when the instruction to print the stored files was entered, the User IDs, and the file names.

2. Exit

Returns to the printer screen.

3. Selected:

Displays number of the files selected.

4. Select All Jobs

Selects all files stored in the machine.

5. Clear All

Clears all selections.

6. Change Password

Changes or deletes the password of a file if a password is set. To change the password, press [Change Password], enter the current password, and then enter the new password on the confirmation screen. To delete the password, press [Change Password], leave the entering/confirming a new password box blank, and then press [OK].

You can also set passwords to the Stored Print files that do not currently have passwords.

7. Print

Prints a selected file.

8. Delete

Deletes a selected file.

9. ▲Previous/▼Next

If the list of files does not fit on the screen, scroll up or down to view the list.

10. Details

Displays details about a selected file.

11. Stored Print Job List

Displays only Stored Print files stored in the machine.

12. Hold Print Job List

Displays only Hold Print files stored in the machine.

13. Sample Print Job List

Displays only Sample Print files stored in the machine.

14. Locked Print Job List

Displays only Locked Print files stored in the machine.

15. Complete List

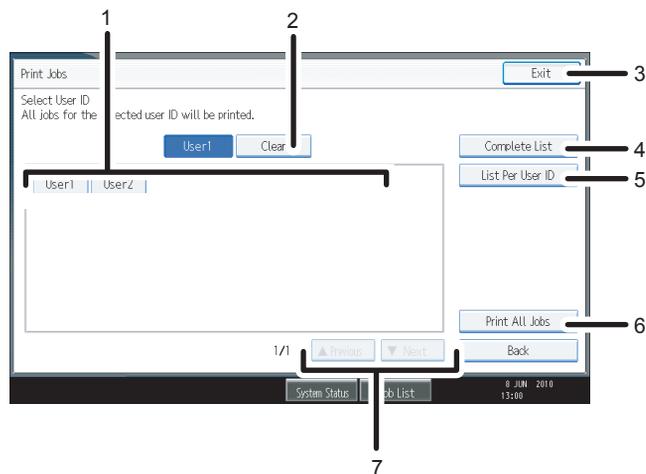
Displays all files stored in the machine.

16. Jobs Per User ID

Displays List Per User ID.

List Per User ID

If you select [List Per User ID] from [Initial Print Job List], the following screen appears:



CAU003S

1. User ID
Displays the User IDs who sent files to the machine.
2. Clear
Clears a selection.
3. Exit
Returns to the printer screen.
4. Complete List
Displays all print jobs.
5. List Per User ID
Displays the print job list of each ID.
6. Print All Jobs
Prints all selected type of files sent by the user ID.
7. ▲Previous/▼Next
If the list of files does not fit on the screen, scroll up or down to view the list.

↓ Note

- Multiple files can be selected on the Print Jobs screen. To clear selection, press the selected print jobs again.
- The display is not updated if a new file is stored while the list of stored files is displayed. To update the display, press [Exit] to return to the printer screen, and then press [Print Jobs] again.
- If a large number of print jobs are stored in the machine, processing may slow down temporarily, depending on which functions are used.
- If you press [List Per User ID] in the Complete List screen, the screen switches to the List Per User ID screen where [Back] appears at the bottom right. Press [Back] to switch to the Complete List screen.

- For details about Sample Print, Locked Print, Hold Print, and Stored Print, see "Printing from the Print Job Screen".

Reference

- p.77 "Printing from the Print Job Screen"

Printing from the Print Job Screen

This section explains how to use the Sample Print function, Locked Print function, Hold Print function, Store and Print function, and Stored Print function.

Sample Print

Use this function to print only the first set of a multiple-set print job. After you have checked the result, remaining sets can be printed or canceled using the control panel. This can reduce misprints due to mistakes in contents or settings.

3

★ Important

- A Sample Print file cannot be stored if:
 - the total number of Sample Print, Locked Print, Hold Print, and Stored Print files in the machine is over 100. (The maximum number varies depending on the volume of data in files.)
 - the file contains over 1,000 pages.
 - the machine's sent or stored files total over 3,000 black-and-white pages. (The total varies depending on the size of the files.)

↓ Note

- If a Sample Print file has not been stored properly, check the error log on the control panel. For details about the error log on the control panel, see "Checking the Error Log".
- Even after you turn off the machine, stored documents in the machine remain. However, the [Auto Delete Temporary Print Jobs] or [Auto Delete Stored Print Jobs] settings are applied first. For details about the auto delete settings, see "System".
- If the application has a collate option, make sure it is not selected before sending a print job. By default, Sample Print jobs are automatically collated by the printer driver. If a collate option is selected from the application's [Print] dialog box, more prints than intended may be produced.
- If the first set of the Sample Print file is not as you expected and you do not want to print remaining sets, delete the Sample Print file using the control panel. If you print the remaining sets of the Sample Print file, the job in the machine is deleted automatically. To delete the Sample Print file, see "Deleting Sample Print files".

📖 Reference

- p.103 "Checking the Error Log"
- p.155 "System"
- p.80 "Deleting Sample Print files"

Printing a Sample Print file

The following procedure describes how to print a Sample Print file with the PostScript 3 printer driver.

★ Important

- Applications with their own drivers, such as PageMaker, do not support this function.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. Select the printer, and then open the [Printing Preferences] dialog box.

3. In the [Job Type:] list, click [Sample Print].

4. Click [Details...].

5. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters.

The user ID associates the user with his / her jobs.

6. Click [OK].

7. Click [OK] to close the [Printing Preferences] dialog box.

If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Sample Print jobs by default. If the collate option is selected in the application's [Print] dialog box, there may be more prints than required.

8. Set the number of copies to two or more in the [Copies:] box, and then start the printing from the application's [Print] dialog box.

The sample print job is sent to the machine, and one set is printed.

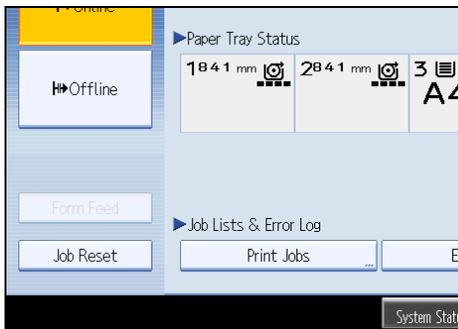
9. Check the printed output to make sure the settings are correct.

If the settings are correct, perform the following steps to print the remaining sets.

If you want to delete saved jobs, see "Deleting Sample Print files".

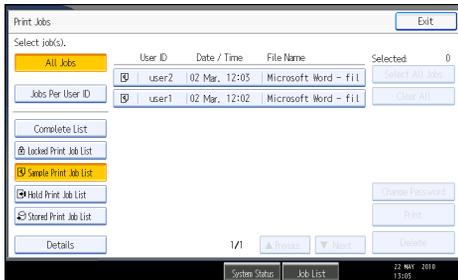
10. On the machine's control panel, press the [Printer] key to display the printer screen.

11. Press [Print Jobs].



A list of print files stored in the machine appears.

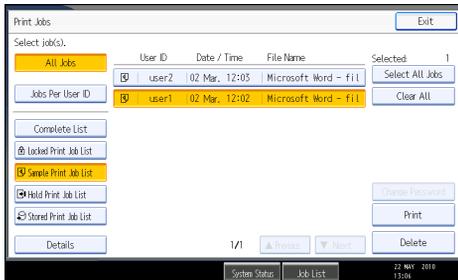
12. Press [Sample Print Job List].



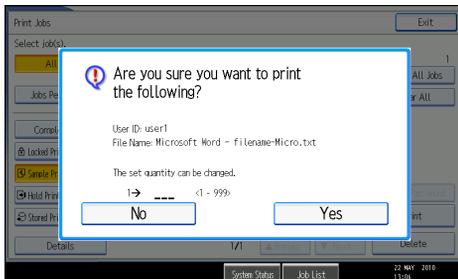
A list of Sample Print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

13. Select the file you want to print, and press [Print].



14. Enter the new number of sets using the number keys if necessary, and then press [Yes].



You can enter up to 999 sets.

Press the [Clear/Stop] key to correct any entry mistakes.

The remaining sets are printed.

Note

- If you want to cancel printing, press [No] in step 14.
- If you select multiple files, the confirmation screen displays the total number of files to be printed.
- If you select multiple documents and do not specify the number of sets on the confirmation screen, one set less than the number specified on the computer is printed for every selected document. If the number of sets specified on the computer is "1", one set each is printed for every document.

- When printing accumulated sample print documents, you cannot change the numbers of sets.
- When printing is completed, the stored file will be deleted.
- To stop printing after printing has started, press [Exit] until the printer screen appears, and then press [Job Reset]. The file will be deleted.
- If there is a print job outstanding, this will be printed before the sample print job.

Deleting Sample Print files

3

If you are not satisfied with the sample printout, you can delete the Sample Print file, revise it and print it again until the settings are suitable.

1. Press the [Printer] key to display the printer screen.
2. Press [Print Jobs].
3. Press [Sample Print Job List].

A list of Sample Print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete, and then press [Delete].

The delete confirmation screen appears.

5. Press [Yes] to delete the file.

The selected file is deleted.

↓ Note

- If you do not want to delete the file, press [No] in step 5.
- If you select multiple files, the confirmation screen displays the total number of files to be deleted.

Locked Print

Use this function to maintain privacy when printing confidential documents on the machine over a shared network. Usually, it is possible to print data using the control panel once it is stored in this machine. When using Locked Print, it is not possible to print unless a password is entered on the control panel. Your confidential documents will be safe from being viewed by other people.

★ Important

- A Locked Print file cannot be stored if:
 - the total number of Sample Print, Locked Print, Hold Print, and Stored Print files in the machine is over 100. (The maximum number varies depending on the volume of data in files.)
 - the file contains over 1,000 pages.

- the machine's sent or stored files total over 3,000 black-and-white pages. (The total varies depending on the size of the files.)

↓ Note

- If a Locked Print file has not been stored properly, check the error log on the control panel. For details about the error log on the control panel, see "Checking the Error Log".
- Even after you turn off the machine, stored documents remain. However, the [Auto Delete Temporary Print Jobs] or [Auto Delete Stored Print Jobs] settings are applied first. For details about the auto delete settings, see "System".
- If the application has a collate option, make sure it is not selected before sending a print job. Locked Print jobs are automatically collated by the printer driver as default. If a collate option is selected in the application print dialog box, more sets than intended may be printed.
- After the Locked Print file is printed, the job is automatically deleted.

📖 Reference

- p.103 "Checking the Error Log"
- p.155 "System"

Printing a Locked Print file

The following procedure describes how to print a Locked Print file with the PostScript 3 printer driver.

★ Important

- Applications with their own drivers, such as PageMaker, do not support this function.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. Select the printer, and then open the [Printing Preferences] dialog box.

3. In the [Job Type:] list, click [Locked Print].

4. Click [Details...].

5. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters, and then enter a 4-8 digit password in the [Password:] box.

The user ID associates user with his / her jobs.

6. Click [OK].

7. Click [OK] to close the [Printing Preferences] dialog box.

If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Locked Print jobs by default. If the collate option is selected in the application's [Print] dialog box, there may be more prints than required.

8. Start the printing from the application's [Print] dialog box.

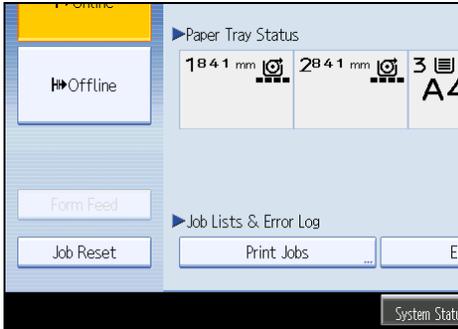
The document file is saved in the machine.

To print the document, perform the following steps.

To delete the documents, see "Deleting Locked Print files".

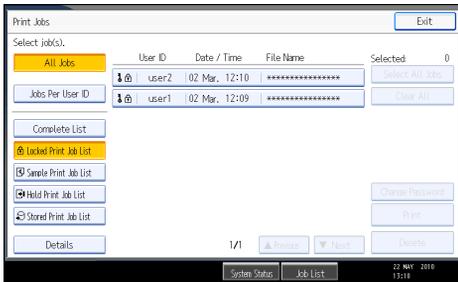
9. On the machine's control panel, press the [Printer] key to display the printer screen.

10. Press [Print Jobs].



A list of print files stored in the machine appears.

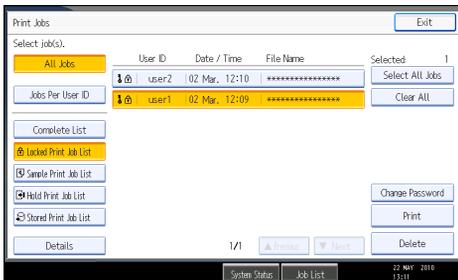
11. Press [Locked Print Job List].



A list of Locked Print files stored in the machine appears.

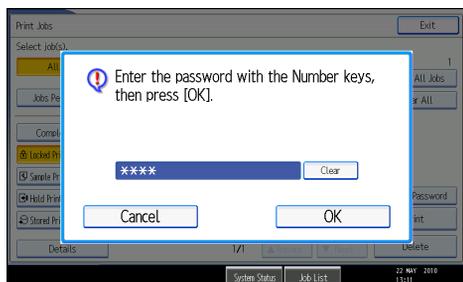
Depending on the security settings, certain print jobs may not be displayed.

12. Select the file you want to print, and then press [Print].



The password screen appears.

13. Enter the password using the number keys, and then press [OK].



The print confirmation screen appears.

A confirmation screen will appear if the password is not entered correctly. Press [Exit] to enter the password again.

If multiple print files are selected, the machine prints files that correspond to the entered password. The number of files to be printed is displayed on the confirmation screen.

If you forgot your password, ask your file administrator for help.

14. Press [Yes].

The locked file is printed.

↓ Note

- If you want to cancel printing, press [No] in step 14.
- When printing is completed, the stored file will be deleted.
- To stop printing after printing has started, press [Exit] until the printer screen appears, and then press [Job Reset]. The file will be deleted.

Deleting Locked Print files

1. Press the [Printer] key to display the printer screen.

2. Press [Print Jobs].

3. Press [Locked Print Job List].

A list of Locked Print files stored appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete, and then press [Delete].

The password screen is displayed.

5. Enter the password using the number keys, and then press [OK].

The delete confirmation screen appears.

A confirmation screen will appear if the password is not entered correctly. Press [Exit] to enter the password again.

If you forgot your password, ask your file administrator for help.

6. Press [Yes].

The selected file is deleted.

Note

- If you do not want to delete the file, press [No] in step 6.
- If multiple print files are selected, the machine deletes files that correspond to the entered password. The number of files to be deleted is displayed on the confirmation screen.

3

Hold Print

Use this function to temporarily hold a file in the machine, and print it from the computer or the control panel later.

Important

- A Hold Print file cannot be stored if:
 - the total number of Sample Print, Locked Print, Hold Print, and Stored Print files in the machine is over 100. (The maximum number varies depending on the volume of data in files.)
 - the file contains over 1,000 pages.
 - the machine's sent or stored files total over 3,000 black-and-white pages. (The total varies depending on the size of the files.)

Note

- If a Hold Print file has not been stored properly, check the error log on the control panel. For details about the error log on the control panel, see "Checking the Error Log".
- Even after you turn off the machine, stored documents in the machine remain. However, the [Auto Delete Temporary Print Jobs] or [Auto Delete Stored Print Jobs] settings are applied first. For details about the auto delete settings, see "System".
- If the application has a collate option, make sure it is not selected before sending a print job. By default, Hold Print jobs are automatically collated by the printer driver. If a collate option is selected from the application's Print dialog box, more prints than intended may be produced.

Reference

- p.103 "Checking the Error Log"
- p.155 "System"

Printing a Hold Print file

The following procedure describes how to print a Hold Print file with the PostScript 3 printer driver.

★ Important

- Applications with their own drivers, such as PageMaker, do not support this function.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. Select the printer, and then open the [Printing Preferences] dialog box.

3. In the [Job Type:] list, click [Hold Print].

4. Click [Details...].

5. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. A file name can also be entered arbitrarily.

The user ID associates the user with his / her jobs.

6. Click [OK].

7. Click [OK] to close the [Printing Preferences] dialog box.

If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Hold Print files by default. If a collate option is selected from the application's Print dialog box, there may be more prints than required.

8. Start the printing from the application's [Print] dialog box.

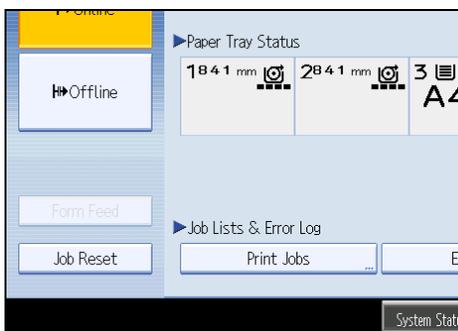
The document file is saved in the machine.

To print the document, perform the following steps.

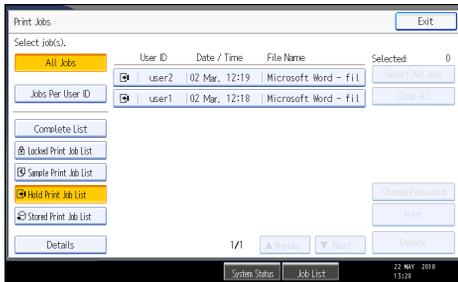
To delete the documents, see "Deleting Hold Print files".

9. On the machine's control panel, press the [Printer] key to display the printer screen.

10. Press [Print Jobs].



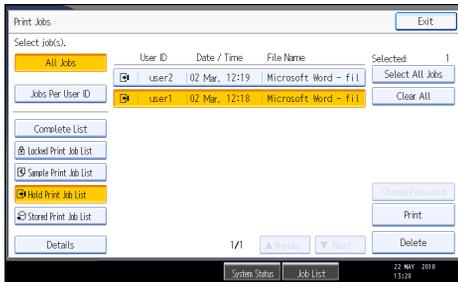
11. Press [Hold Print Job List].



A list of Hold print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

12. Select the file you want to print, and press [Print].



The confirmation screen appears.

13. Press [Yes].

The Hold Print file is printed.

↓ Note

- If you want to cancel printing, press [No] in step 13.
- When printing is completed, the stored file is deleted.
- To stop printing after printing has started, press [Exit] until the printer screen appears, and then press [Job Reset]. The file will be deleted.
- If you select multiple files, the confirmation screen displays the total number of files to be printed.
- For details about setting printer drivers, see the printer driver Help.
- You can also print or delete a Hold Print file from Web Image Monitor. For details, see Web Image Monitor Help.

Deleting Hold Print files

1. Press the [Printer] key to display the printer screen.
2. Press [Print Jobs].

3. Press [Hold Print Job List].

A list of Hold Print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete, and then press [Delete].

The delete confirmation screen appears.

5. Press [Yes] to delete the file.

The selected file is deleted.

↓ Note

- If you do not want to delete the file, press [No] in step 5.
- If you select multiple files, the confirmation screen displays the total number of files to be deleted.

Stored Print

Use this function to store a file in the machine, and then print it from the computer or the control panel later. Jobs are not deleted after they are printed, so the same job needs not to be re-sent in order to print multiple copies.

★ Important

- A Stored Print file cannot be stored if:
 - the total number of Sample Print, Locked Print, Hold Print, and Stored Print files in the machine is over 100. (The maximum number varies depending on the volume of data in files.)
 - the file contains over 1,000 pages.
 - the machine's sent or stored files total over 3,000 black-and-white pages. (The total varies depending on the size of the files.)

↓ Note

- If a Stored Print file has not been stored properly, check the error log on the control panel. For details about the error log on the control panel, see "Checking the Error Log".
- Even after you turn off the machine, stored documents remain. However, the [Auto Delete Temporary Print Jobs] or [Auto Delete Stored Print Jobs] settings are applied first. For details about the auto delete settings, see "System".
- If the application has a collate option, make sure it is not selected before sending a print job. By default, Stored Print jobs are automatically collated by the printer driver. If a collate option is selected from the application's Print dialog box, more prints than intended may be produced.
- You can optionally set a document title and a password of a Stored Print file. For details about a password setting, see the printer driver Help.

 **Reference**

- p.103 "Checking the Error Log"
- p.155 "System"

Printing a Stored Print file

The following procedure describes how to print a Stored Print file with the PostScript 3 printer driver.

 **Important**

3

- **Applications with their own drivers, such as PageMaker, do not support this function.**

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. Select the printer, and then open the [Printing Preferences] dialog box.

In the [Job Type:] list, click [Stored Print] or [Store and Normal Print].

- **Stored Print**
Stores the file in the printer and print it later using the control panel.
- **Store and Normal Print**
Prints the file at once and also stores the file in the machine.

3. Click [Details...].

4. In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. A file name and password can also be entered arbitrarily.

The user ID associates the user with his / her job.

You can assign a password to a saved document, but password assignment is not mandatory.

The same password must be entered when printing or deleting.

5. Click [OK].

6. Click [OK] to close the [Printing Preferences] dialog box.

If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Stored Print files by default. If a collate option is selected from the application's Print dialog box, there may be more prints than required.

7. Start the printing from the application's [Print] dialog box.

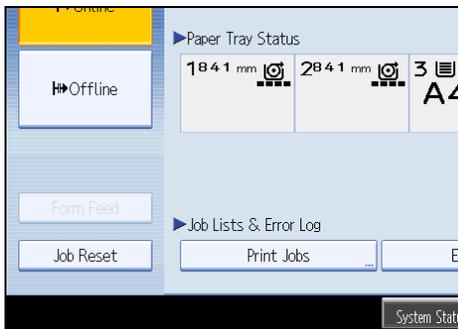
The document file is saved in the machine.

To print the document, perform the following steps.

To delete the documents, see "Deleting Stored Print files".

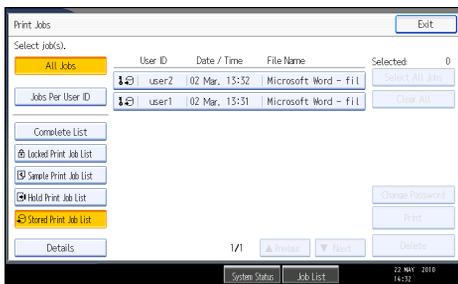
8. On the machine's control panel, press the [Printer] key to display the printer screen.

9. Press [Print Jobs].



3

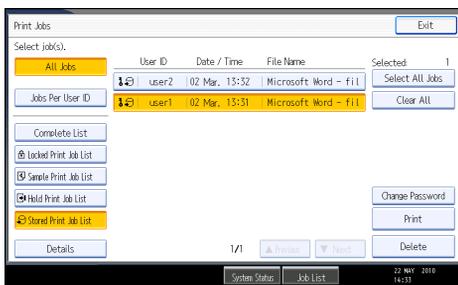
10. Press [Stored Print Job List].



A list of Stored Print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

11. Select the file you want to print, and press [Print].



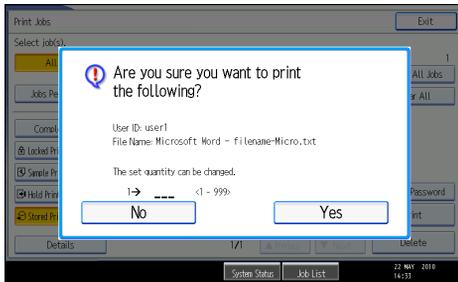
The confirmation screen appears.

If you set a password in the printer driver, a password confirmation screen appears. Enter the password.

If multiple print files are selected, and some of these require a password, the machine prints files that correspond to the entered password and files that do not require a password. The number of files to be printed is displayed on the confirmation screen.

If you forgot your password, ask your file administrator for help.

12. Enter the number of sets using the number keys if necessary, and then press [Yes].



3

You can enter up to 999 sets.

Press the [Clear/Stop] key to correct any entry mistakes.

The Stored Print file is printed.

Note

- If you want to cancel printing, press [No] in step 12.
- If you select multiple files, the confirmation screen displays the total number of files to be printed. If you select multiple documents, set numbers are determined based on the smallest set number specified for a selected document.
- When printing accumulated stored print documents, you cannot change the numbers of sets.
- To stop printing after printing has started, press [Exit] until the printer screen appears, and then press [Job Reset]. A Stored Print file is not deleted even if [Job Reset] is pressed.
- The Stored Print file that sent to the machine is not deleted unless you delete a file or select [Auto Delete Stored Print Jobs]. For details about the auto delete settings, see "System".
- For details about setting printer drivers, see the printer driver Help.
- You can also print or delete a Stored Print file from Web Image Monitor. For details, see Web Image Monitor Help.

Reference

- p.155 "System"

Deleting Stored Print files

1. Press the [Printer] key to display the printer screen.
2. Press [Print Jobs].
3. Press [Stored Print Job List].

A list of Stored Print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete, and press [Delete].

The delete confirmation screen appears.

If you set the password in the printer driver, enter the password to delete.

If multiple print files are selected, and some of these require a password, the machine deletes files correspond to the entered password and files that do not require a password. The number of files to be deleted is displayed on the confirmation screen.

If you forgot your password, ask your file administrator for help.

5. Press [Yes] to delete the file.

The selected file is deleted.

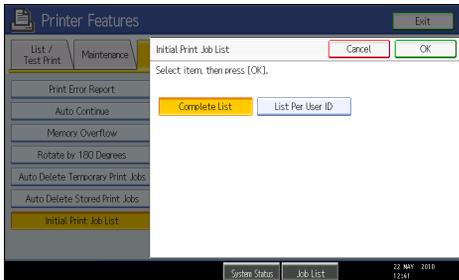
Note

- If you do not want to delete the file, press [No] in step 5.
- If you select multiple files, the confirmation screen displays the total number of files to be deleted.

Printing from the Jobs Per User ID Screen

This describes how to print the files saved in the machine from the user ID screen.

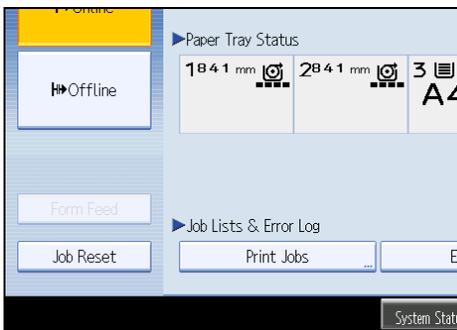
In the [Initial Print Job List] settings on the [System] tab under [Printer Features], the [Complete List] or the [List Per User ID] screen appears depending on which list type you selected.



3

Printing the Selected Print Job

1. Press the [Printer] key.
The printer screen appears.
2. On the printer screen, press [Print Jobs].



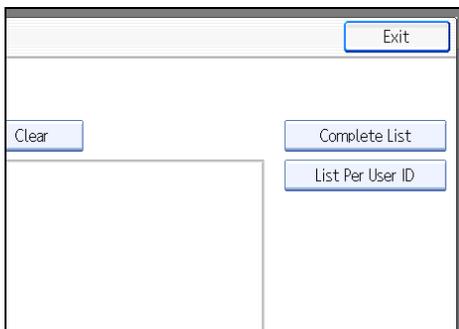
A list of user IDs whose files are stored in the machine appears.

3. Press the user ID whose file you want to print.



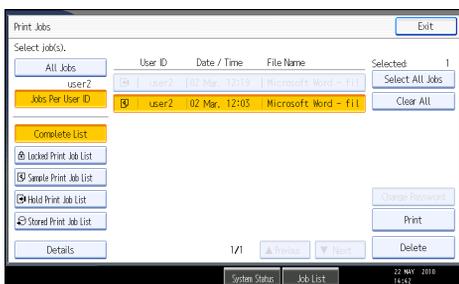
You cannot select multiple user IDs at the same time.
 Press [▲Previous] or [▼Next] to scroll through the list.
 Press [Clear] to cancel a selection.

4. Press [List Per User ID].



The print job list of the selected user ID appears.

5. Select the desired print jobs.



To cancel a selection, press the highlighted print job again. To clear all selections, press [Clear All].

6. Press [Print].

The confirmation screen appears.

7. Press [Yes].

The selected files are printed.

Note

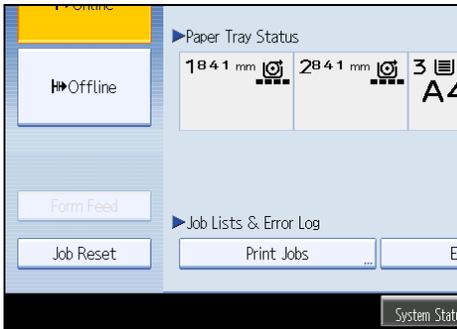
- If you select multiple files, the confirmation screen displays the total number of files to be printed.

Printing All Print Jobs

1. Press the [Printer] key.

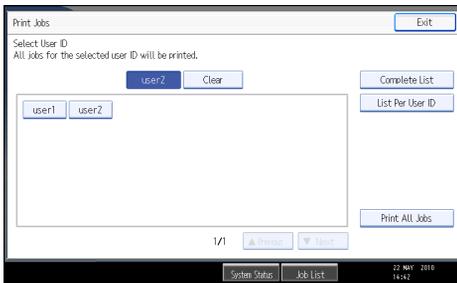
The printer screen appears.

2. On the printer screen, press [Print Jobs].



A list of user IDs whose files are stored in the machine appears.

3. Press the user ID whose file you want to print.

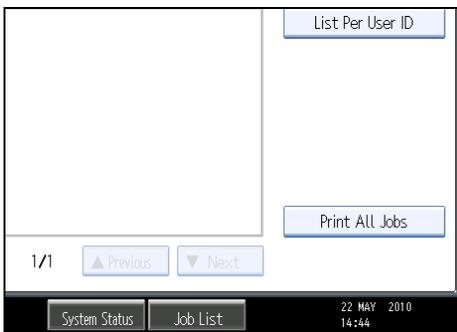


You cannot select multiple user IDs at the same time.

Press [▲Previous] or [▼Next] to scroll through the list.

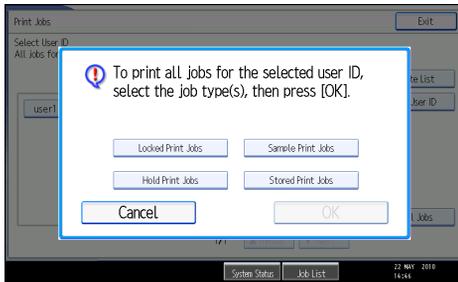
Press [Clear] to cancel a selection.

4. Press [Print All Jobs].



If the selected user ID has multiple types of print jobs, the selection screen of the print job type appears.

5. Select the desired print job type, and then press [OK].



The confirmation screen appears.

The confirmation screen does not appear if the selected ID has only one type of print job.

6. Press [Yes].

The selected files are printed.

↓ Note

- After printing is completed, Sample Print, Locked Print, and Hold Print files are deleted.
- You cannot select a print job that is not stored under the selected user ID.
- If you select multiple Sample Print files and do not specify the number of sets on the confirmation screen, one set less than the number specified on the computer is printed for every selected document. If the number of sets specified on the computer is "1", one set each is printed for every document.
- If you select Stored Print, the number you set on the confirmation screen is applied to all files of the selected print job type. If you do not set a quantity, the minimum number is applied to all files.
- If you select Locked Print, enter the correct password. If there are multiple passwords, the machine prints only files that correspond to the entered password.
- If you select Stored Print files, and some of these require a password, the machine prints files that correspond to the entered password and files that do not require a password.
- The confirmation screen displays the total number of files that have the selected user ID to be printed.

Job List

Jobs printed using Copy, Document Server, or Printer mode are temporarily stored in the machine, and then executed in order. The Job List function allows you to manage these jobs.

For example, you can cancel incorrect job settings or print an urgent document.

Note

- You cannot use the Job List function when the machine is in Interrupt mode.
- Documents printed using the scanner function are not displayed in the Job List.

3

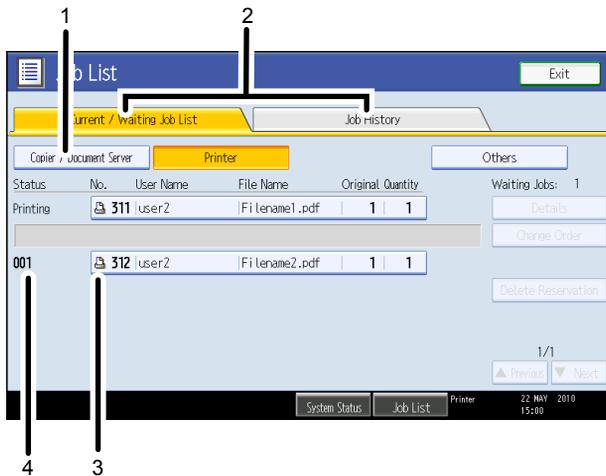
Job List Screen

This section explains displays and icons that appear in the Job List screen.

The Job List screen varies depending on whether [Job Order] is selected with [Print Priority] for [System Settings]. For details about setting procedure, see "System Settings", Network and System Settings Reference.

When [Job Order] is not selected:

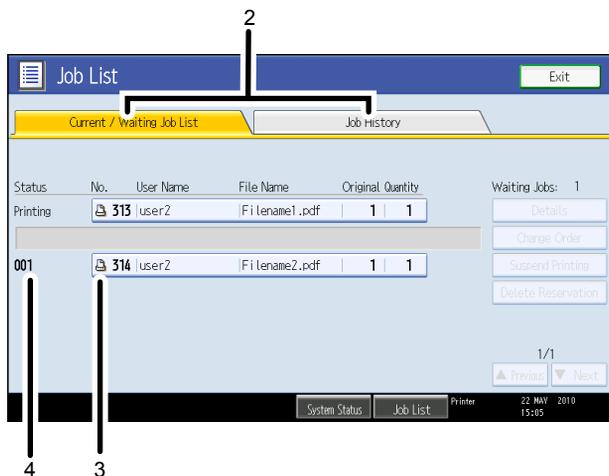
The job list is displayed for each of the functions.



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When [Job Order] is selected:

The job list is displayed for all functions in the order of print jobs.



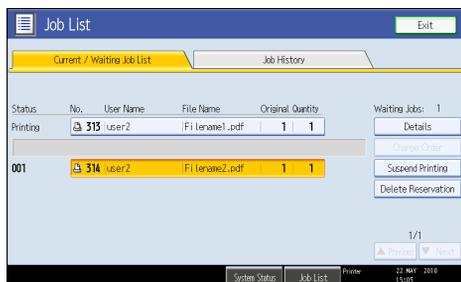
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1. Switches between job lists for each function.
2. Switches between Current / Waiting Job List and Job History.
3. Displays the function used to print jobs.
 - : Job printed using copier function
 - : Job printed using printer function
 - : Job printed using Document Server function
 - : Job printed using DeskTopBinder
 - : Job printed using Web Image Monitor
4. Displays reserved job numbers.

Checking Jobs in the Job List

You can check the contents of jobs in the job list.

1. Press [Job List].
2. Select a job whose contents you want to check.

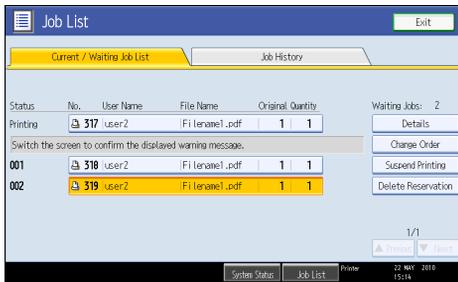


3. Press [Details], and then check the contents.
4. Press [Exit].

Changing the Order of Jobs

You can change the order of jobs in the job list.

1. Press [Job List].
2. Select a job whose order you want to change.



3. Press [Change Order].
4. Change the order using [▲Top], [▲Previous], or [▼Next].



5. Press [OK].

Holding Jobs

You can hold jobs that are queued or currently printing.

1. Press [Job List].

2. Select a job you want to hold.



3. Press [Suspend Printing].

The selected job and the jobs that follow it are suspended. "Suspended" is displayed at the left of the jobs in the job list that are suspended.

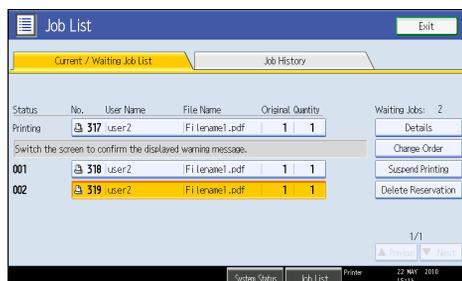
Note

- To resume the suspended jobs, press [Resume Printing].
- This function is available only if [Job Order] is specified.

Deleting Jobs

You can delete a job that is queued or currently printing.

- Press [Job List].
- Select a job you want to delete.



To delete multiple print jobs, select all print jobs you want to delete.

- Press [Delete Reservation].
- Press [OK].

Checking the Job History

You can view the history and contents of completed print jobs.

1. Press [Job List].
2. Press [Job History].
A list of completed print jobs appears.
3. Select a job whose contents you want to check.
4. Press [Details], and then check the contents.
5. Press [Exit].

Canceling a Print Job

This section gives instruction to stop printing from the computer or the control panel after confirming to start printing.

1. Check the machine to see if relevant data is printing. If the Data In indicator lights up or blinks, the machine is receiving data from a computer.
2. Cancel printing.

Since canceling procedures vary depending on the print job status, check the job status and cancel printing according to the following procedure.

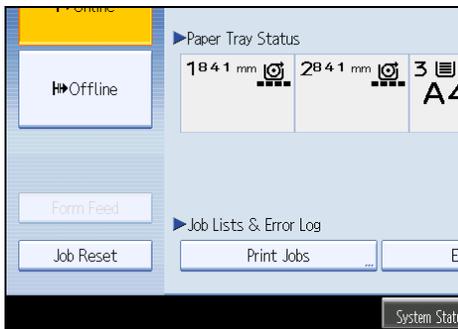
3

Canceling a Print Job Using the Control Panel

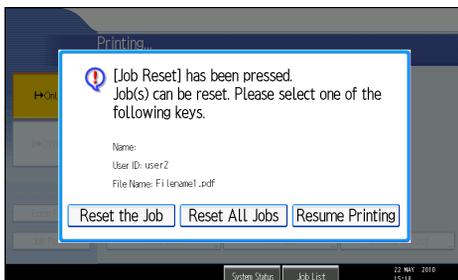
1. Press the [Printer] key.

The printer screen appears.

2. Press [Job Reset].



3. Press [Reset the Job] or [Reset All Jobs].



- [Reset the Job]: cancels the print job currently being processed.
- [Reset All Jobs]: cancels all jobs in the print queue.
- [Resume Printing]: resumes printing print jobs.

A confirmation message appears.

4. Press [Yes] to cancel the print job.

Press [No] to return to the previous display.

↓ Note

- You cannot stop printing data that has already been processed. For this reason, printing may continue for a few pages after you press [Job Reset].

Windows - Canceling a Print Job from the Computer

3

You can cancel a print job from the computer if transferring print jobs is not completed.

1. Double-click the printer icon on the Windows task tray.

A window appears, showing all print jobs currently queued for printing. Check the current status of the job you want to cancel.

2. Select the name of the job you want to cancel.

3. On the [Document] menu, click [Cancel].

↓ Note

- If the machine is shared by multiple computers, be careful not to accidentally cancel someone else's print jobs.
- You can also open the print job queue window by double-clicking the machine icon in the printers window.
- A print job containing a large volume of data may take considerable time to stop.

Checking the Error Log

If files could not be stored due to printing errors, identify the cause of the errors by checking the error log on the control panel.

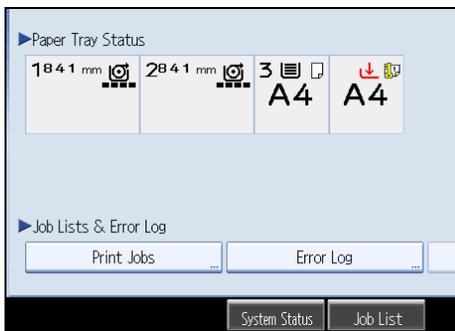
★ Important

- The most recent 30 errors are stored in the error log. If a new error is added when there are 30 errors already stored, the oldest error is deleted. However, if the oldest error belongs to one of the following print jobs, it is not deleted. The error is stored separately until the number of those errors reaches 30. You can check any of these print jobs for error log information.
 - Sample Print
 - Locked Print
 - Hold Print
 - Stored Print
- If the main power switch is turned off, the error log is deleted.

1. Press the [Printer] key.

The printer screen appears.

2. Press [Error Log].



An error log list appears.

Depending on the security settings, certain errors may not be displayed.

3. Press the desired job list.

You can select job list from [Complete List], [Locked Print Job List], [Sample Print Job List], [Hold Print Job List], or [Stored Print Job List].

4. Select the print file you want to check, and then press [Details].

A detailed error log appears.

Press [▲Previous] or [▼Next] to scroll the error files.

↓ Note

- Press [Exit] after checking the log.
- Press [Back to List] to return to the error log list.
- To print files that appear in the error log, resend them after stored files have been printed or deleted.
- [Error Log] is not available in simplified display mode. To view the error log, you must first switch to normal display mode by pressing [Simplified Display] to turn into the normal display mode.

4. Printing a PDF File Directly

This chapter explains how to print PDF files directly without having to open a PDF application by using DeskTopBinder Lite or UNIX commands.

Using DeskTopBinder Lite

This section explains how to print PDF files directly without having to open a PDF application by using DeskTopBinder Lite. To use this function, you must first download DeskTopBinder Lite from the manufacturer's Website and install it on your computer. Contact your local dealer for information on downloading DeskTopBinder Lite.

★ Important

- This function is possible for genuine Adobe PDF files only.
- PDF files whose PDF version is 1.7 (Acrobat 8.0 compatible) or earlier can be printed.
- PDF files created using PDF version 1.5 Crypt Filter functions or more than eight DeviceN Color Space components cannot be printed.
- PDF files created using PDF version 1.6 watermark note functions, or extended optional contents cannot be printed.
- PDF files whose PDF version is 1.7 (Acrobat 9.0 compatible) or higher can be printed as long as they do not use any functions that are exclusive to those versions.
- If the document contains transparency function data, it may fail to print. When this happens, use the printer driver to print the document.
- Due to reasons such as insufficient memory, some types of high compression PDF files might not be printable.
- If print jobs through PDF direct printing are being canceled, select [Font Priority] for [Memory Usage] in [System] in [Printer Features]. If print jobs are being canceled even though [Font Priority] has been selected, print using the printer driver from a PDF viewer such as Adobe Reader.

↓ Note

- Paper size errors may occur when printing on custom size paper.

Expanding DeskTopBinder Lite Features

This section explains how to extend the features of DeskTopBinder Lite.

To extend a feature, click on its icon in the [Type:] list.

The following procedure explains using the extended features Wizard to print PDF files directly.

1. On the [Start] menu, point to [All Programs], [DeskTopBinder], and then click [Extended Features Wizard].

The [Extended Features Wizard] dialog box appears.

2. Select [Easy settings], and then click [Start]. Click [Next>] repeatedly until the [Printing Function2] dialog box appears.

3. In the [Printing Function2] dialog box, click [Add...].

If you select [All function settings] before clicking [Start], click the [Output] icon on the [Type:] list. Select [PDF Direct Print] in [Selectable function(s):], and then click [Add].

The [PDF Direct Print Properties] dialog box appears.

4. Click [Specify...], enter the IP address or host name of the machine, and then click [OK].

5. Click [OK].

The [PDF Direct Print Properties] dialog box closes.

6. Click [Next>] repeatedly until [Finish] appears.

7. Click [Finish].

4

Function Palette

The Function Palette contains buttons for functions that are already configured through expanded DeskTopBinder Lite functions. Using these buttons, you can print Windows files, preview printouts, convert images, and register scanners for documents without having to open DeskTopBinder Lite. You can also use these functions simply by dragging a target file to the button corresponding to the required function and dropping it there.

1. On the [Start] menu, point to [All Programs], [DeskTopBinder], and then click [Function Palette].

An icon for the Function palette is added to the task tray displayed at the bottom right of the screen.

2. Right-click the new icon that has been added to the task tray, and then click [Properties...].

The [Properties] dialog box appears.

3. Click the [Contents] tab, select the [PDF Direct Print] check box at the center, and then click [OK].

The [Properties] screen closes and the [PDF Direct Print] icon is added to the palette.

PDF Direct Printing Using Function Palette

Follow the procedure below to print PDF files directly.

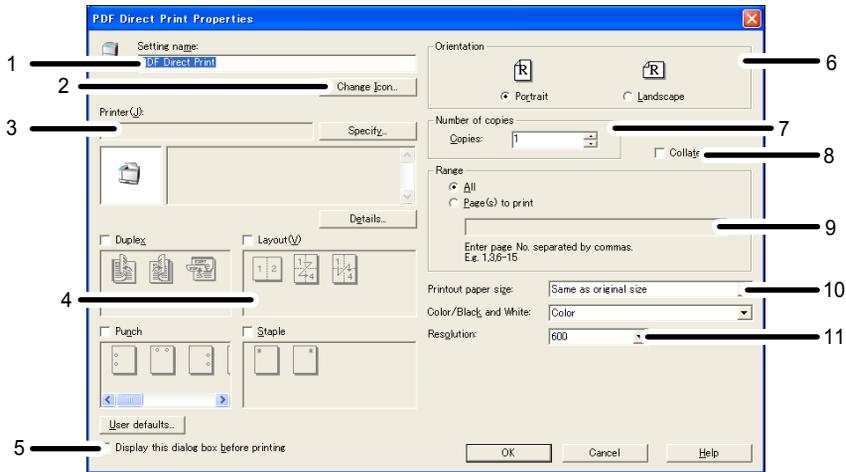
- 1. Drag the PDF file you want to print to the PDF Direct Printing icon on the Function Palette and drop it there.**

The [Output File List - PDF Direct Print] dialog box appears.

- 2. Highlight the PDF file you want to print, and then click [OK].**

The PDF file is printed.

PDF Direct Print Properties



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1. Setting name:

Displays the plug-in configuration name (up to 63 single byte characters)

2. Change Icon...

Changes the icon displayed on the tool bar.

3. Printer:

Displays printer's IP address or hostname.

4. Layout

Prints multiple pages on a single sheet.

5. Display this dialog box before printing

Appears in PDF direct printing mode if this check box is selected.

6. Orientation:

Specify the original's orientation.

7. Number of copies

Specify the number of copies to print.

8. Collate

Sorts printed sheets.

9. Range:

Specify which paper to print.

10. Printout paper size:

Specify the paper size you want copies to be printed onto.

11. Resolution:

Specify a print resolution.

Using UNIX Commands

This section explains how to print PDF files directly using printing commands, such as "ftp", "sftp", and "lpr".

Sending a PDF file

Use the following procedure to send a PDF file to this machine using printing commands.

Following is an example when using the "lpr" command to print a PDF file by specifying the machine's IP address.

For details about the printing commands, see UNIX supplement.

```
%lpr -S "printer's IP address" [-Poption] [-o l]\ "path"\ "PDF file name"
```

Note

- Replace the strings enclosed in quotations with the appropriate setting's value.
- Entering the text enclosed in brackets [] is optional.

Entering the PDF Password

Use the following procedure to print a password protected PDF file directly.

To print a PDF file that is protected by a password, enter the password using the control panel, or Web Image Monitor.

Using the Control Panel

To enter a PDF password using the control panel, select [Change PDF Password] on [PDF Menu] under Printer Features.

Using Web Image Monitor

To enter the PDF password using Web Image Monitor, select [Set Password], and then set [PDF Temporary Password].

5. Printing GL/2 and TIFF Files

This chapter describes the functions and settings of the GL/2 and TIFF Filter. It also explains how to install the HDI Driver.

Printable Files

This machine can print GL/2, TIFF/CALS and PDF files.

GL/2

Complies with the Pen Plotter command set HP-GL (Hewlett Packard's Graphics Language), the Raster Plotter command set HP-GL/2 (Hewlett Packard's Graphics Language Standard), and HP-RTL (HP's Raster Transfer Language) developed by HP (Hewlett Packard).

HP-GL emulates the HP-GL commands of HP7550A.

HP-GL/2 and HP-RTL emulate the HP-GL/2 commands of HP DesignJet 600.

You can print from CAD applications that use HP-GL and HP-GL/2 commands.

↓ Note

- For details about specification of printable files, see "Printable GL/2 Files".

📖 Reference

- p.129 "Printable GL/2 Files"

TIFF/CALS

Print TIFF (Tagged Image File Format) format bitmap files from UNIX workstations and DOS/V computers.

TIFF/CALS files are rasterized by the machine. "Rasterization" refers to the process of printing dot by dot from the bitmap image. This process does not require a printer driver so printing can be set from either the machine or the Web browser.

↓ Note

- You can print GL/2 and TIFF/CALS files using PostScript 3.
- For details about specification of printable files, see "Printable TIFF Files" or "Printable CALS Files".

📖 Reference

- p.140 "Printable TIFF Files"
- p.145 "Printable CALS Files"

PDF

Prints PDF files using Web Printing Tool.

This configures the printing settings, such as "Reverse Order Printing" and "Scale", for PDF file data.

↓ Note

- The PDF settings can be configured from Web Printing Tool only. For details, see Web Print Tool Help.

To Print

The print settings made by other manufacturer's GL/2 and HDI drivers cannot be inherited.

When printing from GL/2 and TIFF Filter, "Auto Paper Select" becomes disabled, and a paper size different to that specified in the data might be requested.

If you print a black and white (monochrome) image at a resolution that the machine does not support, the print image might contain streaks or moiré patterns.

Follow the procedures below to print GL/2, TIFF/CALS and PDF files from the machine.

- Using Web Printing Tool
GL/2, TIFF/CALS and PDF files
- Using HDI Driver
GL/2 files
- Using the printing commands
GL/2 and TIFF/CALS files

↓ Note

- For details about print commands, see "Printing Commands", Network and System Settings Reference.
- The PDF settings can be configured from Web Printing Tool only. For details, see Web Print Tool Help.

Using Web Printing Tool

About Web Printing Tool

Web Printing Tool allows you to print files, make print settings, and acquire system logs, via a Web browser.

Recommended Web browsers are as follows:

- Windows:
Microsoft Internet Explorer 6.0.28 or a later version
FireFox 2.0 or a later version
- Macintosh:
Safari 2.0 or a later version
FireFox 2.0 or a later version

Java applet

Web Printing Tool requires Java Runtime Environment. Download it from the following web site:

<http://www.java.com/>

- About the certificate

- If you start Web Printing Tool, a dialog box about issuing the certificate appears. Click [Run].
- Select the [Always trust content from this publisher.] check box. No warning will be shown after starting Web Printing Tool.
- If you click [Cancel], Web Printing Tool will not start. Close the Web browser, and then restart Web Printing Tool.
- The certificate becomes effective after the [Security] setting under [Advanced] on the Java control panel is set as follows:
 - Allow user to grant permissions to signed content
 - Allow user to grant permissions to content from an untrusted authority
- The default Java Runtime setting is effective.
- Compatible languages:

Web Printing Tool does not change the language settings of this machine. If necessary, change the language using the Web browser.

5**Note**

- Make the JavaScript, and Java applet following settings (required):
 - Enable JavaScript.
 - Install Java Runtime Environment (JRE 1.6 or later version.) and enable applet.
 - Pop up blocking may not be set, depending on the Web browser you are using. If this is the case, the Help file will not be properly displayed.
- If you are using Java Runtime Environment version 1.6.0 - 1.6.0_03, and the [Temporary Internet Files] is enabled, Web Printing Tool might not start properly. If this is the case, delete the temporary files, and then disable "Temporary Internet Files" in the Java Control Panel. To open the Java control panel, click [Control Panel] on the [Start] menu, and then click [Java].
- If you are using a proxy server, change the Web browser settings. Contact your administrator for information about the settings.
- We recommend using Web Printing Tool in the same network.
- You cannot access to the machine from outside the firewall.
- When using the machine under DHCP, the IP address may be automatically changed by the DHCP server settings. Enable DDNS setting on the machine, and then connect using the machine's host name.
- Alternatively, set a static IP address to the DHCP server.
- When you are using Firefox, fonts and colors may be different, or tables may be out of shape.
- When using a host name under Windows Server 2003/2003 R2/2008/2008 R2 with IPv6 protocol, perform host name resolution using an external DNS server. The host file cannot be used.

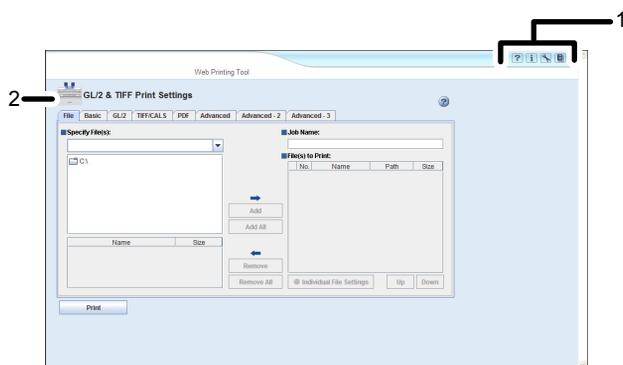
Displaying top page

This section explains the how to display Web Printing Tool.

1. Start your Web browser.
2. Enter "http://(machine's address)/webprint/index.html" in the address bar of a Web browser.

Top Page of Web Printing Tool appears.

If the machine's host name has been registered on the DNS or WINS server, you can enter it.



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5

1. Header area

The area at the top of the Web Printing Tool page is called the header area. The following items appear in the header area.



[Help] button

Click to display Help.



[Version Information] button

Click to display Web Printing Tool version information.



[GL/2 & TIFF Initial Configuration] button

Click to display the [GL/2 & TIFF Initial Configuration] page.



[System Log] button

Click to display the [System Log] page.

2. GL/2 & TIFF Print Settings

The area at the top of the Web Printing Tool page is the GL/2 & TIFF Print Settings area.

Note

- To open the [GL/2 & TIFF Initial Configuration] or [System Log] page, you must enter the administrator password.
- For details, see Web Printing Tool's Help.

Basic operations of Web Printing Tool

1. In the menu area to the left, click the menu item corresponding to the function you want to know about.

The page for the selected menu item appears in the work area to the right.

2. Use the displayed page to make settings for printing.

5

About password authentication

- The password authentication is required to display the [GL/2 & TIFF Initial Configuration] page or [System Log] page.
- Click the link in the header area. Enter the password in the authentication dialog box that appears.
- If you enter an invalid password, authentication fails and an error message appears. Click [OK] in the message box, and then enter the password again. If you enter an invalid password three times, the top page of Web Printing Tool appears. Click the link in the header area to attempt authentication again.
- Password authentication is effective until the [GL/2 & TIFF Initial Configuration] page or [System Log] page is closed.
- You can use either Web Printing Tool or the control panel to set GL/2 and TIFF Initial Configuration. The settings are the same for both Web Printing Tool and the control panel.

Note

- For details about the login password, see Security Reference.

How to use help

While using Web Printing Tool, you can view explanations about operations of the currently displayed page and the meaning of individual settings and items.

- To view Help top page: click the  button in the header area.
- To view Web Printing Tool Help page: click the  button in GL/2 and TIFF Print Settings area.
- To close Help: click the [Close] button inside the Help window.

Using From the Printing Commands

The following explains printing operations using the "lpr", "rcp", and "ftp" commands.

↓ Note

- Match the data format of the file to be printed with the emulation mode of the printer.
- If the message "print requests full" appears, no print jobs can be accepted. Try again when sessions end. For each command, the amount of possible sessions is indicated as follows:
 - lpr: 5 (When the spool printing function is available: 10)
 - rcp, rsh: 5
 - ftp: 3
- Enter the file name in a format including the path from the directory executing commands.

lpr

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When specifying a printer by IP address

```
c:> lpr -S(printer's IP address) [-o] \(\pass name)\(file name)
```

When using a host name instead of an IP address

```
c:> lpr -S(printer's host name) [-o] \(\pass name)\(file name)
```

When printing a binary file, add the "-o" option (lowercase O, and lowercase L).

When using a printer with the host name "host" to print a PostScript file named "file 1" located in the "C:PRINT" directory, the command line is as follows:

```
c:> lpr -Shost -Pfiletype=RPS -o C:\PRINT\file1
```

rcp

First, register the printer's host name in the hosts file.

```
c:> rcp [-b] \(\pass name)\(file name) [(\pass name)\(file name)...] (printer's host name):
```

When using a printer with the host name "host" to print a file named "file 1" or "file 2" located in the "C:PRINT" directory, the command line is as follows:

```
c:> rcp -b C:\PRINT\file1 C:\PRINT\file2 host:
```

↓ Note

- In file names, "*" and "?" can be used as wild cards.
- When printing a binary file, add the "-b" option.
- For details about a host name instead of an IPv4 address, see "Special Operations under Windows", Network and System Settings Reference.

ftp

Use the "put" or "mput" command according to the number of files to be printed.

When one file is printed

```
ftp> put \(\pass name)\(file name)
```

When multiple files are printed

```
ftp> mput \(\pass name)\(file name) [\(\pass name)\(file name)...]
```

Follow the procedure below to print using the "ftp" command.

1. **Formulate the printer's IP address or the host name of the hosts file printer as an argument and use the "ftp" command.**

```
% ftp printer's IP address
```

2. **Enter the user name and password, and then press the [Enter] key.**

For details about the user name and password, consult your network administrator.

User:

Password:

When user authentication is set, enter a login user name and password.

3. **When printing a binary file, set the file mode to binary.**

```
ftp> bin
```

When printing a binary file in ASCII mode, print may not come out correctly.

4. **Specify files to be printed.**

The following shows the examples of printing a file named "file 1" in the "C:PRINT" directory and printing file 1 and file 2.

```
ftp> put C:\PRINT\file1
```

```
ftp> mput C:\PRINT\file1 C:\PRINT\file2
```

5. **Quit ftp.**

```
ftp> bye
```

↓ Note

- "=", ";", "_", and ":" cannot be used for filenames. File names will be read as option strings.
- For "mput" command, option can not be defined.
- For "mput" command, "*" and "?" can be used as wild cards in file names.
- When printing a binary file in ASCII mode, print may not come out correctly.

Print Settings for GL/2 & TIFF Filter

This section explains the GL/2 & TIFF Filter settings that you can set using the control panel. GL/2 & TIFF Filter settings are applied to GL/2 and TIFF files printed from Web Printing Tool and the printing commands. The PDF settings can be configured from Web Printing Tool only.

Priority of Settings

- Settings changed using the control panel take priority.
- You cannot change GL/2 & TIFF Filter initial configuration made using Web Printing Tool, if the setting was changed using the control panel and is currently in effect.
- GL/2 & TIFF Filter is ineffective during the printing of GL/2 files using the HDI driver. Settings made using an application have priority over GL/2 & TIFF Filter settings.

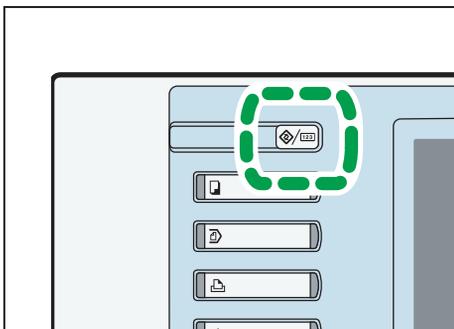
Note

- The settings are the same for both Web Printing Tool and the control panel.
- For details about making settings using Web Printing Tool, see Web Printing Tool Help.

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Adjusting the Print Settings for GL/2 & TIFF Filter

1. Press the [User Tools/Counter] key on the control panel.



CAU012S

2. Press [Extended Feature Settings].
3. Press [GL/2 & TIFF].
4. Press the setting you want to make.
 - General Settings
Can be applied regardless of data format.
 - GL/2 Print Settings
Can be applied to GL/GL2 data only.
 - TIFF/CALS Print Settings

Can be applied to TIFF/CALS data only.

5. Configure the settings.

6. When you have finished making settings, press [Exit].

Print Settings for GL/2 & TIFF is displayed.

7. Press the [User Tools/Counter] key.

The initial screen appears.

General Settings

Specify basic print settings.

Paper Tray Setting

Select which input tray to use for printing. If you select "Auto Paper Select" the machine automatically selects an input tray based on the paper size and type specified by the job.

Margin Tolerance

Specify an area of allowance for the gap between the print area and the paper size when using "Auto Paper Select".

Output Exit

Specify the output tray for printed paper.

Auto Tray Switching

Enables the machine to switch automatically from an emptied paper tray to another tray that contains the same size, orientation, and type of paper, without interrupting the job.

Paper Type

Select a paper type.

Cut Method

Select the paper cut method. When roll paper is selected for input tray, the cut method is enabled.

- Preset Cut

 **Region A** (mainly Europe and Asia)

Cuts the roll paper to a standard size that fits the width of the sheets that are set in the paper tray.

Example: If 594 mm wide sheets are set in Tray 1 and 841 mm wide sheets in Tray 2, an image measuring 590 × 840 mm will be printed on a standard size cut sheet measuring 841 × 594 mm  or 594 × 841 mm . Note that the input tray's settings might change the orientation of the printed sheet.

 **Region B** (mainly North America)

Cuts the roll paper to a standard size that fits the width of the sheets that are set in the paper tray.

Example: If 24 in wide sheets are set in Tray 1 and 36 in wide sheets in Tray 2, an image measuring 23 × 35 in will be printed on a standard size cut sheet measuring 36 × 24 in □ or 24 × 36 in □. Note that the input tray's settings might change the orientation of the printed sheet.

↓ Note

- If you specify [Auto Paper Select] for [Paper Tray Setting], the roll paper that requires the shortest cut is selected. However, if the print job is an image that exceeds 36 × 48 in, the job is cancel.
 - If you specify the input tray for [Paper Tray Setting], the image area that does not fit inside the standard size is not printed.
- Synchro Cut

 **Region A** (mainly Europe and Asia)

Cuts the roll paper according to the width of the sheets that are set in the paper tray and the length of the image.

Example: If 594 mm wide sheets are set in Tray 1 and 841 mm wide sheets in Tray 2, an image measuring 590 × 840 mm will be printed on a cut sheet measuring 841 × 590 mm □ or 594 × 840 mm □. Note that the input tray's settings might change the orientation of the printed sheet. Use this method to print images that exceed the standard size, such as an 841 × 1220 mm image.

 **Region B** (mainly North America)

Cuts the roll paper according to the width of the sheets that are set in the paper tray and the length of the image.

Example: If 24 in wide sheets are set in Tray 1 and 36 in wide sheets in Tray 2, an image measuring 23 × 35 in will be printed on a cut sheet measuring 36 × 23 in □ or 24 × 35 in □. Note that the input tray's settings might change the orientation of the printed sheet. Use this method to print images that exceed the standard size, such as an 36 × 49 in image.

↓ Note

- If you specify [Auto Paper Select] for [Paper Tray Setting], the tray with the roll paper that requires the shortest cut is selected.
- If both the width and length of the data exceed 36 in, sheet's long edge is cut to the maximum 36 in.
- If you specify the input tray for [Paper Tray Setting], the sheet is cut to the long edge length. If the image exceeds the cut sheet size, the image area that does not fit inside the cut size is not printed.

Reduce / Enlarge

Specify a scaling mode to reduce or enlarge the print size of documents.

Magnification Ratio

Specify the ratio when Magnification Ratio is selected for "Reduce / Enlarge".

Margin Adjustment

Specify the inside margin around the originals. The margin is 0 to 100 mm in 1 mm (0 to 4.00 " in 0.10 ") increments.

Extraction

Specify whether to uncompress and extract compressed job data before printing it. Selecting this option reduces print errors due to corrupted archives, but slows the print process slightly.

Mirror Image

Prints images with left and right reversed.

Positive / Negative

Prints images with black and white inverted.

Dithering

Select a dither pattern appropriate for the print image.

↓ Note

- If you select [Auto] or [DTP] for this setting, the image is printed using [Photograph].

Original Ratio Fine Adjustment: Horizontal

Adjusts the horizontal size difference between original data and printed image for scaled drawings that must be accurately printed. The ratio range is 99.0 - 101.0%, which you can adjust in increments of 0.01%.

Original Ratio Fine Adjustment: Vertical

Adjusts the vertical size difference between original data and printed image for scaled drawings that must be accurately printed. The ratio range is 99.0 - 101.0%, which you can adjust in increments of 0.01%.

Directional Magnification 1 - Directional Magnification 10

Specify the vertical and horizontal value when Magnification Ratio is selected for "Reduce / Enlarge".

GL/2 Print Settings

Specify print settings of HP-GL and HP-GL/2 data.

Hard Clip

Enables and disables output hard clip limits given by PS commands. If "Off" is selected, the actual drawing area will be the printed area.

Centring

Print images at the centre of the hard clip area.

SP Command

Specify whether to eject paper at receipt of "SP;" and "SPO;" command.

Transparency Mode

Specify the transparent processing mode by MC command and TR command.

- Always Active
Always activates MC/TR commands in HP-GL2 data come into effect.
- Use File Defaults
Follows MC/TR commands in HP-GL2 data.
- Always Inactive
Ignores MC/TR commands in HP-GL2 data forcibly.

Source Transparency Mode

Specify the transparent processing method by "Source Transparency Mode (ESC*v#N)".

- Always Active
Always activates ESC*v#N commands in RTL data come into effect.
- Use File Defaults
Follows ESC*v#N commands in RTL data.
- Always Inactive
Ignores ESC*v#N commands in RTL data forcibly.

Adjust X Offset

Specify X-axis offset for origin of the drawing area in 1 mm (0.10 ") increments within the range between -199 and 199 mm (-8 and 8 ").

Adjust Y Offset

Specify Y-axis offset for origin of the drawing area in 1 mm (0.10 ") increments within the range between -199 and 199 mm (-8 and 8 ").

Brightness

Adjust brightness for RGB-color and grayscale image data. Higher brightness value lightens the entire image while lower brightness value darkens the image.

Pen Width

Select whether to use file defaults settings, or to specify width for each pen.

Pen Density

Select whether to use file defaults settings, or to specify density for each pen.

Pen 0 Custom Settings - Pen 15 Custom Settings

Specify width and/or density for each pen when the "Use File Defaults" option is selected. Pen Width can be selected from the list of 0.00 - 12.00 mm, however actual width of printed image could be slightly different from the specified width because lines are printed in dots. Pen Density can be specified in 10% increments within the range between 0 and 100%.

TIFF/CALS Print Settings

Specify print settings of TIFF and CALS data.

Centring

Print drawing area at the center of the paper.

Adjust X Offset

Specify X-axis offset for origin of the drawing area in 1 mm (0.10 ") increments within the range between -199 and 199 mm (-8 and 8 ").

Adjust Y Offset

Specify Y-axis offset for origin of the drawing area in 1 mm (0.10 ") increments within the range between -199 and 199 mm (-8 and 8 ").

Brightness

Adjust brightness for RGB-color and grayscale image data. Higher brightness value lightens the entire image while lower brightness value darkens the image.

Using the HDI Driver for AutoCAD

You cannot use the HDI driver to select the orientation (portrait or landscape) of paper on the bypass tray. If you use the HDI driver to print onto standard size paper, alert messages will not appear, even if the paper orientation set in the print data does not match the orientation of the paper in the tray.

Setup CD-ROM

The HDI driver for the AutoCAD 2000 series is provided to work specifically with the AutoCAD 2000 series of CAD applications.

Using the HDI driver reduces data size during print out, enabling faster print out.

Also, the HDI driver is specially designed for use in environments where Auto-CAD 2000 applications are running.

★ Important

- If you are already using a printer of the same maker, you cannot use different HDI drivers simultaneously.
- If you still want to install the HDI driver, delete the older HDI driver. To use the HDI driver, you must install it beforehand. The HDI driver is stored on the CD-ROM provided with the machine.

↓ Note

- The Installation CD-ROM contains a Readme file that you must read. It contains important information about the HDI driver and notes on using the application.
- The Readme file is in the "DRIVERS\HDI\AC20XX\Language" folder on the Installation CD-ROM. If you use the AutoCAD 2008, the Readme file is in the "DRIVERS\HDI\AC2008\Your OS Edition \Language" folder.
- This section assumes the user has full knowledge of Windows functions and procedures. For details about Windows, see the Windows manual.
- This section assumes the machine is connected to the single computer. The screens you see on your machine might not be the same as those shown in this manual, depending on the environment you are using.
- The "Driver" folder contains folders other than the "HDI" folders. This emulation can only use HDI and printer drivers that are stored in the "HDI" folders.

CD-ROM Folders

The CD-ROM contains following folders and files:

DRIVERS	HDI	AC2000	
		AC2000i	
		AC2002	
		AC2004	
		AC2007	
		AC2008	x64
			x86
		AC2010	x64
			x86

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Contains HDI drivers for AutoCAD applications and the Readme files.

Installing the HDI Driver

The following explains how to install the HDI driver under Windows 2000. All the procedures are the same for Windows 2000/XP/Vista/7, Windows XP/Vista (64bit), Windows Server 2003/2003 R2/2008.

★ Important

- AutoCAD applications must be installed before you install the HDI driver.
- This section explains installation using AutoCAD 2010.
- Quit all applications currently running before beginning the HDI driver installation.

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

The installer starts.

2. On the [Start] menu, click [Control Panel].

3. Double-click [Autodesk Plotter Manager].

[Autodesk Plotter Manager] appears only if there is the AutoCAD 2000 series application already installed.

4. Double-click [Add-A-Plotter Wizard].

5. Click [Next >].

6. Click [Next >].

7. Click [Have Disk...].

8. Select [CD-ROM] in [My Computer].

Check that the CD-ROM provided with the machine is shown.

9. Double-click [DRIVERS], and then double-click [HDI].**10. Click the file that matches the AutoCAD application you want to use.**

AC2000: AutoCAD 2000/AutoCAD LT2000

AC2000i: AutoCAD 2000i/AutoCAD LT2000i

AC2002: AutoCAD 2002/AutoCAD LT2002

AC2004: AutoCAD 2004/AutoCAD LT2004/AutoCAD 2005/

AutoCAD LT2005/AutoCAD 2006/AutoCAD LT2006

AC2007: AutoCAD 2007/AutoCAD LT2007

AC2008: AutoCAD 2008/AutoCAD LT2008 /AutoCAD 2009/AutoCAD LT2009

AC2010: AutoCAD 2010/AutoCAD LT2010

Check the driver you selected matches the AutoCAD version you want to use. If they do not match, an error screen appears. See the HDI driver's Readme if this occurs.

11. Select the driver you want to install, and then click [Open].**12. In "Manufacturers", select the manufacturer. Then, in "Models", select the printer driver. Then click [Next >].****13. Click [Next >].****14. Select [Port], then select the port you want to use, and then click [Next >].**

Select the network port you want to use in the [Port] option button. If a local port is selected, printing may not be performed properly.

15. Confirm the plotter name you want to use is selected, and then click [Next >].

Installation is complete. If the installation is successful, the HDI driver is added to the [AutoDesk Plotter Settings (Plotter window)] window, and it can be selected from [Printing Devices] during printing. For details about screens and printing procedures, see the online Help. To display the online Help, click [Help] on the printer driver screen.

16. Click [Finish].

Displaying and Printing Help

Displaying Help

This section explains installation using AutoCAD 2010.

1. Click [Plot...].

The [Plot...] dialog box appears.

2. Check the HDI driver you want to use appears in the [Name:] list in the "Printer/plotter" area, and then click [Properties...].
3. Click [Custom Properties] on the [Device and Document Settings] tab.
The [Custom Properties] button appears under the screen.
4. Click [Custom Properties...] on the [Access Custom Dialog].
5. The Help screen appears if you click [Help].

Printing Help

Printing by Book

If you select the book icon, you can print several topics at once.

Select the book icon in the [Help Topics] dialog box, and then click [Print...].

Printing by Topic

There are two methods of printing by topic:

- Select the topic icon in the [Help Topics] dialog box, and then click [Print...].
- Display the topic you want to print, and then click [Print...].

Printable GL/2 Files

HP-GL Specifications

The GL/2 & TIFF filter modules that are included in GL/2 & TIFF filter products emulate the HP-GL commands of HP7550A. However, the command syntax differs (as shown below) according to the settings of the GL/2 and TIFF modules.

HP-GL command syntax

The syntax of HP-GL commands is as follows: a section containing two alphabetical characters, a parameter section (certain commands only), and a terminator section.

If you specify multiple parameters at the end, a separator must be inserted between each parameter.

The HP-GL/2 filter can use the separators and terminators shown below.

Syntax Elements	Format and Range
Separator	comma or space
Terminator	; or LF or another command
Integer parameter	-999999999 to +999999999
Real number parameter	-999999999.999999999 to +999999999.999999999

Plotter setup commands

The HP-GL/2 filter does not support the following plotter setup command and will ignore it if it is included:

Command	Description
GM	Changes buffer sizes, but not the size of the input or output buffer.

Commands for plotting Circles, Ovals, and Multiple Shapes

The HP-GL/2 filter does not support the following Circles/Ovals/Multiple Shapes plotting commands and will ignore them if they are included:

Command	Description
UF	Specifies the fill pattern at parallel interval.

Command	Description
PT	Specifies the overprint interval.

Commands for plotting basic characters

The HP-GL/2 filter does not support the following basic character plotting commands and will ignore them if they are included:

Command	Description
DU	Uses the user unit to specify the character plotting direction.
SU	Uses the user unit to specify the character size.
BL	Stores character strings for labeling in the label buffer.
OL	Obtains information from output capable character strings in the buffer.
IC	Obtains the location of certain ASCII character inside the NCP cell.
OB	Outputs the co-ordinates of the upper right and lower left corners around the character on receipt of this command.
LE	Uses the 7240/7245 plotter to underline or change the character width under character set 20 to 28.
PB	Plots the content of the label buffer.

Commands for extended character sets

The HP-GL/2 filter supports the following character sets: Standard ASCII (0); kanji (101); and 8, 18, and 43 (katakana). The HP-GL/2 filter does not support the commands for multiple character sets and making optional characters:

Command	Description
CM	Specifies modes for selecting the character set and using it.
DS	Specifies the character set selected by parameter at the character slot.
IV	Calls up the character slot (G0 - G3) on the right half (GR) or left half (GL) of the code table.
CC	Specifies smoothness of characters when the character set when a character set between 10 to 19 and 40 to 49 is selected.

Command	Description
UC	Plots symbols not defined in the character set.

Commands for changing the plotting domain

The HP-GL/2 filter does not support the following commands for changing the plotting domain according to the HP plotter and will ignore them if they are included:

Command	Description
OW	Enables the left down and right down coordinates of the window to be output.

Plotter control commands

The HP-GL/2 filter does not support the following commands for plotter control according to the HP plotter and will ignore them if they are included:

Command	Description
AP	Specifies the automatic pen function.
FS	Specifies the pen pressure.
AS	Specifies the pen acceleration.
VS	Specifies the maximum speed when the pen is lowered.
VA	Automatically adjusts the speed of the pen when it is lowered to the speed at which the computer sends the coordinates.
VN	Used when disabling the VA command.
GP	Used when collecting pens of the same type and color into one group.
SG	Selects the group specified by the GP command.
CV	Controls the curve line generator.
AF	Feeds paper only when something is being plotted on the current paper.
AH	Feeds half of the paper only when something is being plotted on the current paper.
EC	Controls the paper cut function.

Command	Description
NR	Puts the plotter into the "NOT READY" state.
BF	Stores the HP-GL command following this command to the replot buffer until the RP command is received.
RP	Re-plots data using the data in the re-plot buffer.
WD	Displays messages on the plotter's front panel LCD, and applies the plotter's keyboard mode.
KY	Assigns the programmed status to the plotter's front panel function key.
OK	Enables the number of the first pressed front panel function key to be output.
GC	Specifies the group count number used in response to the OG command.
OG	Enables the current group account information to be output.
BP	Sounds the plotter's beeper.

Digitization commands

The HP-GL/2 filter does not support the following digitization related commands and will ignore them if they are included:

Command	Description
DP	Sets the plotter to digitize mode.
OD	Enables the last co-ordinates of digitized positions and the pen state preceding this command to be output.
DC	Cancel digitize mode.

Commands for obtaining plotter information

The HP-GL/2 filter does not support the following commands for obtaining information from the plotter and will ignore them if they are included:

Command	Description
IM	Sets conditions for notifying the host computer of HP-GL errors.

Command	Description
OA	Enables the pen's coordinates to be output.
OC	Enables the co-ordinates and condition of the pen during the last effective command to be output.
RC	Enables the cursor's coordinates and status to be output.
OE	Enables the value of the initial error made before this command was executed to be output.
OF	Enables the value of the plotter unit by 1 mm at each coordinate to be output.
OI	Enables the character strings that distinguish each plotter to be output.
OO	Enables the eight option parameters to be output.
OS	Enables the plotter's status to be output in decimal form.
OT	Enables the carousel's shape and operating conditions of the stool to be output.

Line attribute commands

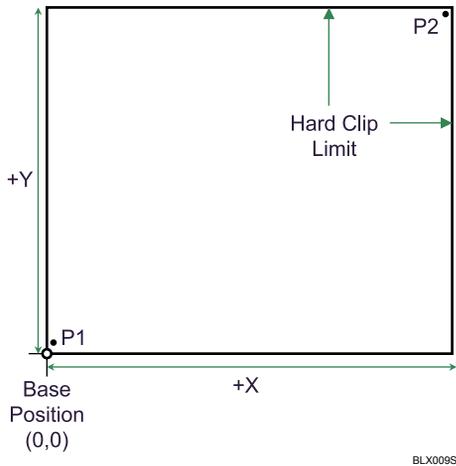
The HP-GL/2 filter does not support the following attributes for the line attribute setting commands and will ignore them if they are included:

Command	Description
End of the line (Type = 1) Triangle (Value = 3)	Makes the ends of lines rounded.
Line joint (Type = 2) Triangle Joint (Value = 3)	Makes joints circular.

HP-GL/2 filter coordinates

Like other HP plotters, the HP-GL/2 plots using single 0.025 mm units. When plotting on paper however, the printer's or plotter's resolution determines the plot units.

The following explanation covers the HP-GL/2 filter's start coordinates, plotting origin, and scaling point.



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The HP-GL/2 filter uses the initial coordinates, plotting origin, and scaling point to begin processing input data. Input data that has minus coordinates and originates from other than the bottom left area (P1) or the hard clip limit (the PS command-specified area) is shifted by the minimum value of each last drawn coordinate to the plotting origin (where X and Y intersect, in the minus direction).

Likewise, the coordinates of images that are drawn in the plus direction are shifted similarly. Images that exceed the hard clip limit are not output.

If the HP-GL/2 filter's clipping option is enabled (overriding the hard clip limit of the PS command), the data is output with the hard clip limit reset to the image's minimum and maximum value for each co-ordinate, and independent of the original position and the hard clip limit.

HP-GL/2 Specifications

The GL/2 & TIFF filter modules that are included in GL/2 & TIFF filter products emulate the HP-GL commands of the HP DesignJet 600 but differ according to the settings of the GL/2 and TIFF modules. The following commands are also different:

Character group commands

This section explains limitations to commands that belong to the character group shown in the HP-GL/2 reference manual.

Label default status

The table below shows the HP-GL/2 filter's label default status.

Label Attribute	Status
Character set	ASCII code (Roman8)
Label terminator	ASCII code end of text command character ETX (Decimal code 3)
Label's starting point	Current pen position
Character size	Character width 2.83 mm, Character height 3.75 mm (Below A0 size) Character width 4.23 mm, Character height 5.21 mm (Above A0 size)
Label orientation	Horizontal
Margins between characters and lines	Normal (no extra margins added)
Character tilt	No tilt
Character overprint mode	Solid (total overprint)
Font	Courier

Character codes that can be used with LB commands

The HP-GL/2 filter supports three character codes for specifying LB command parameters: ASCII (Roman 8), JIS, and Shift JIS. If other codes are included in HP-GL data, unwanted characters might be output.

Font specification and selection

As with other HP-GL/2 products, procedures for font selection at HP-GL/2 filter are based on SD and AD command parameters.

Parameters that can be used with SD and AD commands

The standard and substitute character sets (SD and AD commands respectively) define each character set's attributes, such as font, font spacing, pitch height, and character width. The table below shows which of the attributes shown in the HPGL/2 manual can be used with HP-GL/2.

Types and attributes		Default value	Description
1	Character set	277	Roman8
2	Font spacing	0	Fixed spacing

Types and attributes		Default value	Description
3	Pitch	Depends on paper size	Characters per inch
4	Height	Depends on paper size	Font point
5	Character tilt	0	Upright
6	Line width	0	Normal
7	Font	3	Courier

Character Set

Character set attributes define the character sets used as the standard and substitute character set. The table below shows the character sets that the HPGL/2 filter can use. If an unusable character set is specified, the default set is applied.

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Character set	Description	Note
0 and 277	Roman8	
11	JIS ASCII	
22	Arabic	
43	Katakana	If you select this font, the display might not be as intended, depending on the area you want to use.
101	Shift JIS	
278	Arabic-8	
300	Ventura ITC Zapf Dingbats	
332	PS ITC Zapf Dingbats	
364	ITC Zapf Dingbats 100	
396	ITC Zapf Dingbats 200	
428	ITC Zapf Dingbats 300	
531	HP-GL Download	

Character set	Description	Note
numbers higher than 1000	Kanji code	If you select this font, the display might not be as intended, depending on the area you want to use.

Font

The font attribute selects the font that determines the rendering style. The table below shows the character sets that the HP-GL/2 filter can use. If an unusable font is specified, the default font is applied.

Font	Selection condition	Note
Courie	The character set is 0, 277 or the font is 3	
Symbol	The character set is 22, 278	
Zaps Dingbats	The character set is 300, 332, 364, 396, 428	
User font	The character set is 531	Fonts downloaded using the DL command.
Mincho / Gothic	The character set is 101, 43, 1000 or a higher number; or the font is 81, 152, 153, 154, 155, 156	Conditions of usage by Mincho / Gothic depends upon the command parameter.
Stick font	The font is 48, 49, 50	
Helvetica	The font is 4	
Times Roman	The font is 5 and the line width is other than 3, 7	
Times Bold	The font is 5 and the line width is 3 or 7	
Times Italic	The font is 5, the tilt is 1, and the line width is other than 3, 7	
Times Bold Italic	The font is 5, the tilt is 1, and the line width is 3, 7	

Font	Selection condition	Note
Palatino-Roman	The font is 15 and the line width is other than 3, 7	
Palatino-Bold	The font is 5 and the line width is 3, 7	
Palatino-Italic	The font is 15 and the tilt is 1	
Palatino-Bold-Italic	The font is 15 and the tilt is 1 and the line width is 3, 7	
NewCenturySchlBk	The font is 23 and the line width is other than 3, 7	
NewCenturySchlBk-Bold	The font is 23 and the line width is 3, 7	
NewCenturySchlBk-Italic	The font is 23, the tilt is 1, and the line width is other than 3, 7	
NewCenturySchlBk-Bold-Italic	The font is 23, the tilt is 1, and the line width is 3, 7	
AvantGarde-Book	The font is 31	
AvantGarde-Book-Oblique	The font is 31 and the tilt is 1	
Zapfchancery-medium-italic	The font is 43	
Bookman-Light	The font is 47 and the line width is other than 3, 7	
Bookman-DemiLight	The font is 47 and the line width is 3, 7	
Bookman-LightItalic	The font is 47, the tilt is 1, and the line width is other than 3, 7	
Bookman-Demitalic	The font is 47, the tilt is 1, and the line width is 3, 7	

HP-RTL Specifications

This section explains limitations to commands that are explained in the HPGL/2 and HP-RTL reference manuals.

Logical Operation (ESC*|#o)

The table below shows the specifications of the parameters used by the HPGL/2 filter's Logical Operation command.

Parameter	Specification
252 (Default)	OVERWRITE procedure
136	AND procedure
168	TRANSPARENT procedure
204	OVERWRITE procedure
238	OR procedure
Values other than the above	TRANSPARENT procedure

Printable TIFF Files

TIFF Data Specifications

TIFF files that can be processed

This section explains the TIFF filter's file processing limitations. The TIFF filter can process only TIFF files that are compliant with "TIFF Revision 6.0" (Adobe Developers Association, June 1992).

↓ Note

- The TIFF filter might be able to process non-compliant TIFF files, but the output is likely to be incorrect, depending on the size of the image.

5

TIFF header

TIFF data requires the header values shown in the table below.

Field	Values
Byte order	0x4d4d or 0x4949
Version number	42

TIFF directory

If the data is multi-page TIFF:

- Both the directory and data must be divided by page.
- The last four bytes of each directory must contain a pointer to the subsequent page, and the pointer value must increase in keeping with the page order.

↓ Note

- The pointer value for both single page TIFF data and the last page of multipage TIFF data must be "0x00000000".
- The page order must be the same as the intended output order.

TIFF tags

The table below shows the types and values of tags that can be included in the TIFF directory. If included, other tags or unacceptable values are normally ignored, but might occasionally cause processing to stop.

Tag name (number)	Value
ImageWidth (256)	0 - 65535
ImageHeight (257)	0 - 65535
BitsPerSample (258)	1, 4, or 8
Compression (259)	1, 3, 4, or 6
PhotometricInterpretation (262)	0
FillOrder (266)	1
StripOffsets (273)	0 - $2^{32} - 1$
SamplesPerPixel (277)	1
RowsPerStrip (278)	1 - ImageLength
StripByteCounts (279)	One of the following: $\text{ImageWidth} \times \text{ImageLength} / 8$ $\text{ImageWidth} \times \text{ImageLength} / 2$ $\text{ImageWidth} \times \text{ImageLength}$ size of compressed image in bytes
MinSampleValue (280)	0
MaxSampleValue (281)	$2^{\text{BitsPerSample}} - 1$
XResolution (282)	50 - 1200
YResolution (283)	50 - 1200
T4Options (292)	0 or 1
ResolutionUnit (296)	2
JpegIfOffset (513)	Available value
JpegIfByteCount (514)	Size of compressed image in bytes
JpegRestartInterval (515)	Available value

Tag values must be entered in byte, ASCII, short, long, or rational data format.

If the value of the tag is a pointer to data that is stored outside the tag entry, that pointer must be at the back of the directory that contains the tag, pointing either to the subsequent directory or the data domain preceding the end of the data, not to the data domain of the subsequent page.

Bitmap images

For reference, the top position of the strip data must be contained in the value of the `StripeOffsets` (273) tag. The data size (byte) after it is coded must also be specified by the value of `StripeByteCounts` (279) tag.

The byte at the end of the last page's strip data must be the same as the byte at the end of the TIFF data.

The bitmap data must be one of the following types:

Bitmap image type	Limitations
Monochrome: one sample, one bit (two colors) per pixel.	The value of the <code>BitsPerSample</code> (256) tag must be set to 1. Each pixel must be white when the sample value is 0, and black when the sample value is 1.
Gray scale: one sample, four bit (16 colors) per pixel.	The value of the <code>BitsPerSample</code> (256) tag must be set to be at 4. Each pixel must be white when the sample value is 0, and black when the sample value is 15.
Gray scale: one sample, eight bit (256 colors) per pixel.	The value of the <code>BitsPerSample</code> (256) tag must be set to be at 8. Each pixel must be white when the sample value is 0, and black when the sample value is 255.

The bitmap image data must be coded using one of the following compression methods.

Compression method	Limitations	Notes
Uncompressed method	<p>The image is not compressed.</p> <p>Data for each pixel is stored in the order it is created or scanned. Extra data is added to the end of each line as a pad in place of unused bytes.</p> <p>The value of the Compression (259) tag must be set to 1 and the T4Options (292) tag cannot be included. Also, the value of the StripByteCounts (279) tag must be set as follows:</p> <ul style="list-style-type: none"> • 2 color monochrome image ImageWidth × ImageLength / 8 • 16 color gray scale image ImageWidth × ImageLength / 2 • 256 color gray scale image ImageWidth × ImageLength 	
MH (Modified Huffman) method	<p>This compression method is the same as the one-dimensional coding method of the CCITT Group 3 Fax.</p> <p>This compression method is used for two color monochrome images only.</p> <p>The value of the Compression (259) must be set to 3 and the T4Options (292) tag must be set to 1. Also, the value of the StripByteCounts (279) tag must be set to the size (inbytes) of the compressed data.</p>	

5

Compression method	Limitations	Notes
MMR (Modified Modified Read) method	<p>This compression method is the same as the CCITT Group 4 Fax coding method.</p> <p>This compression is used for two color monochrome images only.</p> <p>The value of the Compression (259) tag must be set to 4 and the T4Options (292) tag cannot be included. Also, the value of the StripByteCounts (279) tag must be set to the size (in bytes) of the compressed data.</p>	
LZW (Lempel, Ziv, Welch) method	<p>The value of the Compression (259) tag must be set to 5. Also, the value of the StripByte-Counts (279) tag must be set to the size (in bytes) of the compressed data.</p>	<p>This method uses the data compression algorithm originally devised by Terry Welch of Sperry (currently Unisys), and later used as a dictionary "LZ77" algorithm by Abraham Lempel and Jacob Ziv.</p>

Printable CALS Files

CALS Data Specifications

CALS files that can be processed

The TIFF filter can process only CALS files that are "CALS Raster (Type1)" compatible and compliant with the following file format and raster drawing method: "MIL-STD-1840A" (US Department of Defense, December 1987)

Note

- The TIFF filter might be able to process non-compliant CALS files, but the output is likely to be incorrect, depending on the size of the image.

5

CALS headers

CALS data must include a header block that is compliant with the conditions listed after the table below. The header block requires the following eleven header records to be entered at the top in the order shown.

Byte offset	Record ID and configurable value (all ASCII characters)
0000	srcdocid: optional
0128 (0x80)	dstdocid: optional
0258 (0x102)	txtfid: optional
0348 (0x15C)	Figid: optional
0512 (0x200)	srcgph: optional
0640 (0x280)	doccls: optional
0768 (0x300)	Rtype: 1
0896 (0x380)	rorient: 000, 270
1024 (0x400)	rpelcnt: appropriate value
1152 (0x480)	rdensty: appropriate value
1280 (0x500)	notes: optional
1408 (0x580)	0x20 × 128 bytes

Byte offset	Record ID and configurable value (all ASCII characters)
1530 (0x5FA)	0x20 × 128 bytes
1664 (0x680)	0x20 × 128 bytes
1792 (0x700)	0x20 × 128 bytes
1920 (0x780)	0x20 × 128 bytes
2048 (0x800)	Bitmap data

Header Block Conditions

- The header must be 2048 bytes (fixed length).
- Header records must be 128 bytes (fixed length).
- Header records must start with a record ID.
- Specified values for header record IDs must be entered in the separator's two character spaces: Colon (0x3a) and Space (0x20).
- Header records that contain no directive value must be given "NONE" as their value.
- Empty bytes in the header record and header block must be padded with spaces (0x20).

Bitmap image data

Bitmap image data must follow immediately after the header block's final byte and be of the following format:

ITU-T T.6 monochrome raster (Group 4 Fax).

↓ Note

- The same compression format as MMR (Modified Modified Read).

6. Saving and Printing Using the Document Server

This chapter explains how to use the Document Server function.

Accessing the Document Server

The Document Server enables you to store documents on the machine's hard disk, and allows you to edit and print them as necessary.

★ Important

- Applications with their own drivers, such as PageMaker, do not support this function.

↓ Note

- When you use the Document Server, the following functions can be selected using the control panel:
 - Copies
 - Collate
 - Paper selection: Paper source tray, paper type, paper output tray.
- The above items are dimmed, so you cannot set them from the printer properties dialog box when the Document Server is selected.
- You must enter a user ID, using up to eight alphanumeric characters.
- You should enter a password and file name to distinguish the job from others.
- Up to 3,000 files can be stored in the Document Server. New files cannot be stored when 3,000 files have already been stored. Even if less than 3,000 files are stored, new files cannot be stored when
 - a file to be stored contains more than 1,000 pages.
 - the machine's sent or stored files total over 3,000 black-and-white pages. (The total varies depending on the size of the files.)
 - the hard disk is full.
- The Document Server also stores files scanned using the original table. You should delete unnecessary stored files once in a while so as not to exceed the capacity of the hard disk. For details about deleting stored files, see "Document Server", Copy and Document Server Reference.
- When using the hard disk for functions other than those of Document Server, you may not be able to store new files in the Document Server, even if there are less than 3,000 files stored.
- For details about Document Server functions, see "Document Server", Copy and Document Server Reference.
- For details about how to access Document Server from a client computer, see the printer driver Help.

7. Printer Features

This chapter describes user tools under Printer Features menu.

Accessing User Tools

This section describes how to access User Tools menu.

User Tools allow you to change or set defaults.

Note

- Operations for system settings differ from normal operations. Always quit User Tools when you have finished.
- Any changes you make with User Tools remain in effect even if the main power switch or operation switch is turned off, or the [Energy Saver] or [Clear Modes] key is pressed.

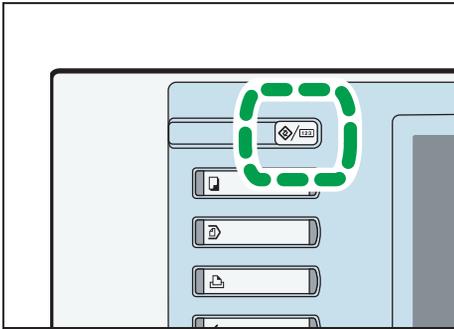
Changing Default Settings

This section describes how to change the settings of User Tools.

Important

- If Administrator Authentication Management is specified, contact your administrator.

1. Press the [User Tools/Counter] key.



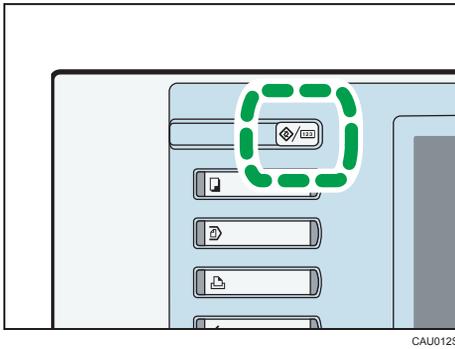
CAU012S

2. Press [Printer Features].
3. Change settings by following instructions on the display, and then press [OK].

Quitting User Tools

This section describes how to quit the settings of User Tools.

1. Press the [User Tools/Counter] key.



↓ **Note**

- You can also quit User Tools by pressing [Exit] on the upper-right of the display.

List / Test Print

This section describes the user tools in the List / Test Print menu under Printer Features.

Multiple Lists

You can print the configuration page and error log.

Configuration Page

You can print the machine's current configuration values.

Error Log

You can print error logs listing all errors that occurred during printing. The most recent 30 errors are stored in the error log. If a new error is added when there are 30 errors already stored, the oldest error is deleted. However, if the oldest error belongs to one of the following types of print jobs, it is not deleted. Instead, it will be stored separately in error logs for each job type, up to a maximum of 30 for each log. You can check any of these print jobs for error log information.

- Sample Print
- Locked Print
- Hold Print
- Stored Print

The records of jobs canceled automatically and manually from the control panel can be printed.

Menu List

You can print a Menu List showing the machine's function menus.

PS Configuration / Font Page

You can print the current configuration and installed PostScript font list.

PDF Configuration / Font Page

You can print the current configuration and installed PDF font list.

Hex Dump

You can print in the Hex Dump mode.

↓ Note

- Some options cannot be set depending on security settings.

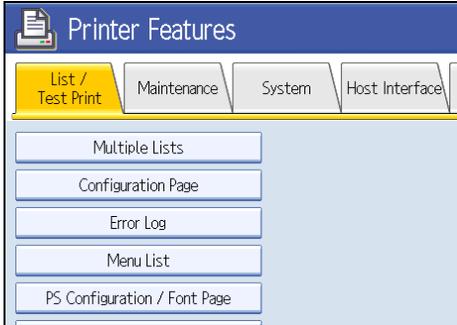
📖 Reference

- p.154 "Maintenance"

Printing the Configuration Page

This section describes how to print the configuration page.

1. Press the [User Tools/Counter] key.
2. Press [Printer Features].
3. Press [Configuration Page] on the [List / Test Print].



The configuration page is printed.

4. Press the [User Tools/Counter] key.

Interpreting the configuration page

This section describes the configuration page.

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System Reference

- Machine ID
Displays the serial number assigned to the board by its manufacturer.
- Total Memory
Displays the total amount of memory (SDRAM) installed on the machine.
- Total Counter
Displays the total number of pages printed by the machine to date.
- Firmware Version
 - Printer
Displays the version number of the machine firmware.
 - System
Displays the version number of the system firmware.
 - Engine
Displays the version number of the machine engine.
 - LCDC
Displays the version number of the panel display.
 - NIB

Displays the version number of the Network interface.

- **Device Connection**
This item(s) appears when the device option(s) is installed.
- **HDD: Font/Macro Download**
Displays the capacity of the hard disk drive.
- **Printer Language**
Displays the version number of the printer driver language.
- **Attached Equipment**
Displays the installed optional equipments.
- **Consumption Status**
Displays the supply status.

Paper Input

Displays settings made under Tray Paper Settings menu.

Maintenance

Displays settings made under the Maintenance menu.

System

Displays settings made under the System menu.

PS Menu

Displays settings made under PS Menu.

PDF Menu

Displays settings made under PDF Menu.

Host Interface

Displays settings made under the Host Interface menu.

When DHCP is active on the network, the actual IPv4 address, subnet mask and gateway address appear in parentheses on the configuration page.

Interface Information

Displays the interface information.

Maintenance

This section describes the user tools in the Maintenance menu under Printer Features.

Menu Protect

You can prevent unauthenticated users from changing the user tools. Menu Protect can be specified for each of the following user tools menus.

For details, consult your administrator.

List / Test Print Lock

You can lock the [List / Test Print] items.

For details, consult your administrator.

Delete All Temporary Print Jobs

You can delete all print jobs temporarily stored in the machine.

Delete All Stored Print Jobs

You can delete all print jobs stored in the machine.

⬇ Note

- Some options cannot be set depending on security settings.
- To change default settings, see "Accessing User Tools".

📖 Reference

- p.149 "Accessing User Tools"

System

This section describes the user tools in the System menu under Printer Features.

Print Error Report

Select this to have an error report printed when a printer or memory error occurs.

Default: [Off]

Auto Continue

Select whether or not the machine automatically continues to print after a system error occurs.

Default: [Off]

Memory Overflow

Select this to have a memory overflow error report printed.

Default: [Do not Print]

Rotate by 180 Degrees

Specify whether to rotate the print image 180 degrees relative to the paper orientation.

Default: [Off]

Auto Delete Temporary Print Jobs

You can select to automatically delete print jobs temporarily stored in the machine.

Default: [Off]

If you select [On], you can set up to 200 hours for auto file deleting (Default: "8").

Auto Delete Stored Print Jobs

You can select to automatically delete print jobs stored in the machine.

Default: [On], "3" day(s)

If you select [On], you can set up to 180 days for auto file deleting.

Initial Print Job List

You can set the desired type of print job list that appears on the screen when you press [Print Jobs].

Default: [Complete List]

- Complete List
Displays the list of print jobs stored in the machine.
- List Per User ID
Displays the list of the User ID who stored a file in the machine.

Memory Usage

You can select the amount of memory used in Font Priority or Frame Priority, according to paper size or resolution.

Default: [**Frame Priority**]

Copies

You can specify the number of print sets. This setting is disabled if the number of pages to print has been specified with the printer driver or another command.

The number of copies can be specified from 1 to 999 by increments of one.

Default: "1" copies

Blank Page Print

You can select whether or not to print blank pages.

Default: [**On**]

Pages that match one of the following conditions are identified as blank.

- There are no images.
- There are images but they are outside the printable area.
- There are only blank characters.

Reserved Job Waiting Time

You can specify how long the machine waits to receive a print job before allowing other functions such as the copier and scanner functions to interrupt it.

Default: [**Short Wait**]

Printer Language

Specify the printer language.

Default: [**Auto**]

Sub Paper Size

You can specify whether A4 or Letter (8¹/₂ × 11) size paper is automatically selected as the default size when the job-specified size is unavailable.

Default: [**Auto**]

Tray Setting Priority

You can specify which of the two options, [Driver / Command] or [Machine Settings], has priority for determining the paper size for each tray.

Default: [**Driver / Command**] (bypass tray), [**Machine Settings**] (the other trays)

Edge to Edge Print

You can select whether or not to print on the entire sheet.

Default: [**Off**]

Default Printer Language

You can set the default printer language if the machine cannot find the printer language automatically.

Default: [**PS**]

Tray Switching

You can specify whether or not the machine automatically switches paper trays if paper of the specified size and type is not loaded in the driver-designated tray.

Default: [Off]

Extended Auto Tray Switching

You can select whether or not to automatically switch to a suitable tray when the current tray runs out of paper.

When [On] is set, the extended auto tray switching is priority, regardless of the printer driver settings.

Default: [Off]

↓ Note

- To change default settings, see "Accessing User Tools".
- Some options do not appear depending on optional units or selected printer languages in use.
- Some options cannot be set depending on security settings.

📖 Reference

- p.149 "Accessing User Tools"

Host Interface

This section describes the user tools in the Host Interface menu under Printer Features.

I/O Buffer

You can set the size of the I/O Buffer. Normally it is not necessary to change this setting.

Default: [128 KB]

I/O Timeout

You can set how many seconds the machine should wait before ending a print job. If data from another port usually arrives in the middle of a print job, you should increase this timeout period.

Default: [15 seconds]

⬇ Note

- To change default settings, see "Accessing User Tools".

📖 Reference

- p.149 "Accessing User Tools"

PS Menu

This section describes the user tools in the PS Menu under Printer Features.

Job Timeout

You can specify how long the printer waits (in seconds) before canceling the current job when the job is interrupted while being processed.

Default: [Use Driver / Command]

If you select [Use Machine Settings], enter a value between 0 and 999.

Default: "0"

When set to "0", the current job will not be canceled when interrupted.

Wait Timeout

You can specify how long the printer waits (in seconds) before it cancels receiving the job when the printer cannot detect the end of the job.

Default: [Use Driver / Command]

If you select [Use Machine Settings], enter a value between 0 and 999.

Default: "300"

When set to "0", the print job will not be canceled when the end of the job cannot be detected.

Data Format

You can select a data format.

Default: [TBCP]

Resolution

You can set the print resolution in dots per inch.

- Default: [600 dpi]

↓ Note

- To change default settings, see "Accessing User Tools".

📖 Reference

- p.149 "Accessing User Tools"

PDF Menu

This section describes the user tools in the PDF Menu under Printer Features.

Change PDF Password

You can set the password for the PDF file printed using PDF Direct Print.

- Current Password
 - New Password
 - Confirm New Password

[New Password] and [Confirm New Password] appear only when [Current Password] is set.

A password can be also set using Web Image Monitor, but in this case, the password information is sent through the network. If security is a priority, set the password using this menu from the control panel.

PDF Group Password

This menu appears only when an optional HDD encryption unit is installed. This setting is not available on this machine.

Reverse Order Printing

You can specify whether the machine automatically prints in reverse order.

Default: [Off]

Resolution

You can set the print resolution in dots per inch.

Default: [600 dpi]

Note

- To change default settings, see "Accessing User Tools".

Reference

- p.149 "Accessing User Tools"

8. Mac OS Configuration

This chapter explains how to install and configure the printer drivers for use on the Mac OS X operating system.

Using the Printer Driver under Mac OS X

This section explains how to configure a Mac OS X to use USB and TCP/IP.

Use the following procedures to configure the printer drivers for Mac OS X 10.3.7. The procedures vary depending on the operating system.

★ Important

- Mac OS X 10.2 or higher is required.

↓ Note

- The PPD files are stored in the following folder on the CD-ROM.
Mac OS X: MacOSX PPD Installer

Installing the PPD Files

Follow the procedure below to install a PPD file to print from Mac OS X.

★ Important

- You need an administrator name and a password (phrase). For details, consult your network administrator.
1. Insert the CD-ROM into the CD-ROM drive.
 2. Double-click the CD-ROM drive icon.
 3. Double-click the [Mac OS X] folder.
 4. Double-click the manufacturer folder for your machine model.
 5. Double-click [Mac OS X 10.2 or later] or [MAC OS X 10.5 or later] folder.
 6. Double-click the [MacOSX PPD Installer] folder.
 7. Double-click the package file icon.
 8. Follow the instructions on the screen.

Setting Up the PPD Files

This section explains how to add the PPD file to your system.

1. Start System Preferences.

2. Click [Print & FAX].

3. Click [Set Up Printers].

Depending on your computer's operating system, [Set Up Printers] may not appear. If [Set Up Printers] does not appear, proceed to the following step.

4. Click the [Add] or [+] button.

5. Select [IP Printing] from the drop-down menu, and then select the machine from the list.

Mac OS X 10.5 or higher

Click [IP].

Mac OS X 10.4

Click [IP Printer].

6. In [Printer Address], type the machine's IP address. Select [LPD/LPR] for [Printer Type], and leave the queue blank.

Mac OS X 10.4 or higher

Enter machine's IP address in the [Address:] box. Select [LPD] as the protocol, and leave the queue blank.

7. Select the connected printer from the list of printer models, and then click [Add].

If [Installable Options] dialog box appears, configure settings as needed, and then click [Continue].

8. Quit System Preferences.

8

Setting Up Options for Mac OS X

This section explains how to configure the printer driver.

1. Start System Preferences.

2. Click [Print & Fax].

The printer list dialog box appears.

3. Click [Set Up Printers].

Depending on your computer's operating system, [Set Up Printers] may not appear. If [Set Up Printers] does not appear, proceed to the following step.

4. Select the machine you are using, and then click [Show Info].

Mac OS X 10.5 or higher

Select the machine you are using, and then click [Options & Supplies...].

Mac OS X 10.4

Select the machine you are using, and then click [Printer Setup].

5. Select [Installable Options] in the drop-down menu, and then configure settings as needed.

Mac OS X 10.5 or higher

Click [Driver], and then configure settings as needed.

6. Click [Apply Changes].

Mac OS X 10.5 or higher

Click [OK].

Note

- If the option you want to select is not displayed, PPD files may not be set up correctly. To complete the setup, check the name of the PPD file displayed in the dialog box.

Using USB Interface

Follow the procedure below to set up USB connection.

★ Important

- USB2.0 can be used only with Mac OS X 10.3.3 or higher.

1. Start System Preferences.

2. Click [Print & FAX].

3. Click [Set Up Printers].

Depending on your computer's operating system, [Set Up Printers] may not appear. If [Set Up Printers] does not appear, proceed to the following step.

4. Click the [Add] or [+] button.

Mac OS X 10.5 or higher

Click [Default].

Mac OS X 10.4

Click a printer that has "USB" indicated in the "Connection" column.

Other Mac OS X

Click [USB] on the pop-up menu.

The connected printer appears.

5. Select the printer, and then select its manufacturer from the [Printer Model:] pop-up menu.

Under Mac OS X 10.4, select the printer you are using from the [Print Using] pop-up menu.

A list of printer types appears.

Under Mac OS X 10.5 or higher, select the printer you are using from the [Printer Name] list, and [Kind] of USB.

6. Select the connected printer from the list of printer models, and then click [Add].

7. Quit System Preferences.

↓ Note

- When printing with a USB connection to a Macintosh computer, printer language does not change automatically. Use the control panel on this machine to change printer language to [Auto Detect] or [PS] before printing.

Using Bonjour

Follow the procedure below to print using Bonjour under Mac OS X 10.2.3 or higher. Mac OS X 10.3.7 is used as the example of the procedure. Ethernet, wireless LAN connections can also be used.

1. Start System Preferences.
2. Click [Print & FAX].
3. Click [Set Up Printers].

Depending on your computer's operating system, [Set Up Printers] may not appear. If [Set Up Printers] does not appear, proceed to the following step.

4. Click the [Add] or [+] button.

Mac OS X 10.5 or higher

Click [Default]. If the machine name is not displayed, select the icon that corresponds to your network environment (TCP/IP, etc.).

Mac OS X 10.4

Click a printer that has "Bonjour" indicated in the "Connection" column.

Other Mac OS X

Click [Rendezvous] on the pop-up menu.

5. Select the name of the connected printer from the [Printer Model:] pop-up menu, and then click [Add].

Under Mac OS X 10.4, Installable Options window appears. Select the option you want to set up, and then select an appropriate setting for it, and then [Continue].

Under Mac OS X 10.5 or higher, select the printer you are using from the [Printer Name] list, and [Kind] of Bonjour.

6. Quit System Preferences.

↓ Note

- When printing with a Rendezvous connection to a Macintosh computer, printer language does not change automatically. Use the control panel on this machine to change printer language to [Auto Detect] or [PS] before printing.

Setting Up Options for PostScript 3 Printer Driver

To use installed options correctly, first set up the printer driver. If the options are not recognized, you cannot use them, even though they are physically installed.

★ Important

- If you are using Adobe PageMaker 6.0, 6.5, or 7.0, you have to set up options in Adobe PageMaker's print dialog box.

The following table shows where you can set up a printer driver on each operating system.

The procedure to set up a printer driver varies depending on the operating system.

Mac OS X 10.5 is used as examples of their respective operating system families.

- You can set up all options on [Options & Supplies...] in [Print & Fax] in System Preferences.

↓ Note

- See "Setting Up Options for Mac OS X" for the installation method appropriate to your printing environment.
- The printer driver with the selected language will be installed. The English printer driver is installed when the following language is selected: Suomi, Magyar, Cestina, Polski, Portugues, Russian, Catala, Turkce.

📖 Reference

- p.162 "Setting Up Options for Mac OS X"

Printing a Document

This documentation describes the specific printer functions and menus that are added by installing the PPD file.

Each printer function can be configured using the [Menu:] icons on the [Detailed Settings] tab.

Mac OS X 10.5 is used as examples of their respective operating system families. Procedures for other versions of these operating systems may vary slightly.

★ Important

- On a Macintosh, Mac OS X 10.2 or higher is required.
- Applications, such as PageMaker, that have their own drivers do not support the following functions:
 - Sample Print
 - Locked Print
 - Hold Print
 - Stored Print
 - Store and Print
 - Document Server
 - User Code

↓ Note

- Depending on the version of Mac OS X, the display in the print dialog box may be different.

Job Type

Use this to select the type of print job.

The following shows where you can select this function.

- [Job Type:] is displayed on [Job Log] in the print dialog box.

You can select the following items:

Normal Print

Select this for normal printing. The print job starts immediately after the print command is given.

Sample Print

Use this function to print only one set of a multiple print jobs.

The other sets are saved in the machine. The saved job can be printed from the machine's control panel. You can also delete the saved job.

The "User ID" can contain up to eight alphanumeric (a- z, A- Z, 0- 9) characters.

Entering the "User ID" helps you distinguish your print job from others.

For details about the Sample Print function, see "How to use the Sample Print function".

Locked Print

Use this function to save documents in the machine memory with a password, and then edit and print them as you want.

The "User ID" can contain to eight alphanumeric (a-z, A-Z, 0-9) characters. The "Password" must be 4-8 digits.

Entering the "User ID" helps you distinguish your print job from others.

For details about the Locked Print function, see "How to use the Locked Print function".

Hold Print

Use this function to temporarily hold a file in the machine, and print it from the computer or the machine's control panel later.

The "User ID" can contain up to eight alphanumeric (a-z, A-Z, 0-9) characters.

The "File Name" can contain to 16 alphanumeric (a-z, A-Z, 0-9) characters.

Entering the "User ID" helps you distinguish your print job from others.

For details about the Hold Print function, see "How to use the Hold Print function".

Stored Print

Use this function to store a file in the machine, and then print it from the computer or the machine's control panel later.

The "User ID" can contain up to eight alphanumeric (a-z, A-Z, 0-9) characters. The "Password" must be 4-8 digits.

The File Name can contain to 16 alphanumeric (a-z, A-Z, 0-9) characters.

You can assign a password to a saved document, but password assignment is not mandatory.

Entering the "User ID" helps you distinguish your print job from others.

For details about the Stored Print function, see "How to use Stored Print/Store and Print functions".

Store and Print

Use this function to print the file at once and also store the file in the printer.

The "User ID" can contain up to eight alphanumeric (a-z, A-Z, 0-9) characters. The "Password" must be 4-8 digits.

The "File Name" can contain up to 16 alphanumeric (a-z, A-Z, 0-9) characters.

You can assign a password to a saved document, but password assignment is not mandatory.

Entering the "User ID" helps you distinguish your print job from others.

For details about the Stored and Print function, see "How to use Stored Print/Store and Print functions".

Document Server

Use this function to store documents that you want to print in the printer, as well as documents you might want to later combine or process for printing.

The "File Name" can contain to 16 alphanumeric (a-z, A-Z, 0-9) characters.

For details about the Document Server function, see "Accessing the Document Server".

Reference

- p.147 "Accessing the Document Server"
- p.168 "How to use the Sample Print function"
- p.169 "How to use the Locked Print function"
- p.171 "How to use the Hold Print function"
- p.173 "How to use Stored Print/Store and Print functions"

How to use the Sample Print function

Follow the procedure below to print a document using the Sample Print function.

- 1. In the application, on the [File] menu, click [Print].**

The [Print] dialog box appears.

- 2. Set the number of copies to two or more.**

- 3. In the pop-up menu, click [Job Log].**

- 4. On the [Job Type:] pop-up menu, select [Sample Print].**

- 5. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters.**

The user ID associates the user with his / her jobs.

- 6. After making the necessary settings, click [Print].**

The sample print job is sent to the machine, and one set is printed.

- 7. Check the printed output to make sure the settings are correct.**

If the settings are correct, perform the following steps to print the remaining sets.

If you want to delete saved jobs, see "Deleting Sample Print files".

- 8. On the machine's control panel, press the [Printer] key to display the printer screen.**

- 9. Press [Print Jobs].**

- 10. Press [Sample Print Job List].**

A list of print files stored in the machine appears.

[User ID], [Date / Time] and [File Name] also appear.

Depending on the security settings, certain print jobs may not be displayed.

- 11. Select the file you want to print by pressing it.**

- 12. Press [Print].**

13. Enter the new number of sets using the number keys if necessary, and then press [Yes].

You can enter up to 999 sets.

Press the [Clear/Stop] key to correct any entry mistakes.

When multiple files are selected without setting a quantity, 1 page less than the minimum number of all settings is applied.

The remaining sets are printed.

Note

- To cancel printing, press [Exit]. Then, press [Job Reset]. The file will be deleted.
- If there is a print job outstanding, this is printed before the sample print job.
- When printing is completed, the stored file is deleted automatically.

Reference

- p.169 "Deleting Sample Print files"

Deleting Sample Print files

If the printed document is no longer required, you can delete the Sample Print file.

- 1. On the machine's control panel, press the [Printer] key to display the printer screen.**
- 2. Press [Print Jobs].**
- 3. Press [Sample Print Job List].**

A list of print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

- 4. Select the file you want to delete by pressing it.**

To cancel a selection, press the highlighted jobs again.

- 5. Press [Delete].**

A confirmation screen appears.

- 6. Press [Yes] to delete the file.**

The selected file is deleted.

Note

- Press [No] to cancel the delete request.

How to use the Locked Print function

Follow the procedure below to print a document using the Locked Print function.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. In the pop-up menu, click [Job Log].

3. On the [Job Type:] pop-up menu, click [Locked Print].

4. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters, and then enter a 4-8 digit password in the [Password:] box.

The user ID associates the user with his / her jobs.

5. After making the necessary settings, click [Print].

The document file is saved in the machine.

To print the document, perform the following steps.

To delete the documents, see "Deleting Locked Print files".

6. On the machine's control panel, press the [Printer] key to display the printer screen.

7. Press [Print Jobs].

8. Press [Locked Print Job List].

A list of print files stored in the machine appears.

[User ID], [Date / Time] and [File Name] also appear.

Depending on the security settings, certain print jobs may not be displayed.

9. Select the file you want to print by pressing it.

10. Press [Print].

The password screen appears.

11. Enter the password using the number keys, and then press [OK].

A confirmation screen appears.

A confirmation screen will appear if the password is not entered correctly. Press [Exit] to enter the password again.

When multiple print files are selected, the machine prints only files that correspond to the entered password. The number of files is displayed on the confirmation screen.

12. Press [Yes].

The locked file is printed.

Note

- To cancel printing, press [Exit]. Then, press [Job Reset]. The file will be deleted.
- When printing is completed, the stored file is deleted automatically.

Reference

- p.171 "Deleting Locked Print files"

Deleting Locked Print files

If the printed document is no longer required, you can delete the Locked Print file.

1. **On the machine's control panel, press the [Printer] key to display the printer screen.**
2. **Press [Print Jobs].**
3. **Press [Locked Print Job List].**

A list of print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. **Select the file you want to delete by pressing it.**

To cancel a selection, press the highlighted job again.

5. **Press [Delete].**

A password screen appears.

6. **Enter the password using the number keys, and then press [OK].**

A confirmation screen appears.

A confirmation screen will reappear if the password was entered incorrectly. Press [Exit] to enter the password again.

When multiple files are selected, the machine deletes only files that correspond to the entered password. The number of files to be deleted is displayed on the confirmation screen.

7. **Press [Yes].**

The selected file is deleted.

Note

- Press [No] to cancel the delete request.
- If you forgot your password, ask your file administrator for help.

How to use the Hold Print function

Follow the procedure below to print a document using the Hold Print function.

1. **In the application, on the [File] menu, click [Print].**
The [Print] dialog box appears.
2. **In the pop-up menu, click [Job Log].**
3. **On the [Job Type:] pop-up menu, click [Hold Print].**
4. **In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. A file name can also be entered arbitrarily.**

The user ID associates the user with his / her jobs.

5. After making the necessary settings, click [Print].

The document file is saved in the machine.

To print the document, perform the following steps.

To delete the documents, see "Deleting Hold Print files".

6. On the machine's control panel, press the [Printer] key to display the printer screen.

7. Press [Print Jobs].

8. Press [Hold Print Job List].

A list of print files stored in the machine appears.

[User ID], [Date / Time] and [File Name] also appear.

Depending on the security settings, certain print jobs may not be displayed.

9. Select the file you want to print by pressing it.

10. Press [Print].

A confirmation screen appears.

11. Press [Yes].

The hold print file is printed.

Note

- To cancel printing, press [Exit]. Then, press [Job Reset]. The file will be deleted.
- When printing is completed, the stored file is deleted automatically.

Reference

- p.172 "Deleting Hold Print files"

Deleting Hold Print files

If the printed document is no longer required, you can delete the Hold Print file.

1. On the machine's control panel, press the [Printer] key to display the printer screen.

2. Press [Print Jobs].

3. Press [Hold Print Job List].

A list of print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete by pressing it.

To cancel a selection, press the highlighted job again.

5. Press [Delete].

A confirmation screen appears.

6. Press [Yes].

The selected file is deleted.

 **Note**

- Press [No] to cancel the delete request.

How to use Stored Print/Store and Print functions

Follow the procedure below to print a document using the Stored Print/Store and Print functions.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. In the pop-up menu, click [Job Log].**3. On the [Job Type:] pop-up menu, click [Stored Print] or [Store and Print].**

- **Stored Print**
Stores the file in the printer and print it later using the control panel.
- **Store and Print**
Prints the file at once and also stores the file in the machine.

4. In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. A file name and password can also be entered arbitrarily.

The user ID associates the user with his / her jobs.

You can assign a password to a saved document, but password assignment is not mandatory.

The same password must be entered when printing or deleting.

5. After making the necessary settings, click [Print].

The document file is saved in the machine.

To print the document, perform the following steps.

To delete the documents, see "Deleting Stored Print files".

6. On the machine's control panel, press the [Printer] key to display the printer screen.**7. Press [Print Jobs].****8. Press [Stored Print Job List].**

A list of print files stored in the machine appears.

[User ID], [Date / Time] and [File Name] also appear.

Depending on the security settings, certain print jobs may not be displayed.

9. Select the file you want to print by pressing it.**10. Press [Print].**

A confirmation screen appears.

If you have already set a password, proceed to the following step.

11. Enter a password using the number keys on the password screen, and then press [OK].

A confirmation screen will appear if the password is not entered correctly. Press [OK] to enter the password again.

If you have not set the password, proceed to the following step.

12. Enter the new number of sets using the number keys if necessary, and then press [Yes].

You can enter up to 999 sets.

The stored file is printed.

Note

- To cancel printing, press [Exit]. Then, press [Job Reset]. The file will be deleted.
- Stored Print file sent to the machine is not deleted unless you delete them in the machine or select [Auto Delete Stored Print Jobs]. For details about the [Auto Delete Stored Print Jobs] settings, see "System". For details about deleting stored files, see "Deleting Stored Print files".

Reference

- p.174 "Deleting Stored Print files"

Deleting Stored Print files

If the printed document is no longer required, you can delete the Stored Print files.

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1. On the machine's control panel, press the [Printer] key to display the printer screen.

2. Press [Print Jobs].

3. Press [Stored Print Job List].

A list of print files stored in the machine appears.

Depending on the security settings, certain print jobs may not be displayed.

4. Select the file you want to delete by pressing it.

To cancel a selection, press the highlighted job again.

5. Press [Delete].

A confirmation screen appears.

6. Enter a password using the number keys on the password screen, and then press [OK].

A confirmation screen will appear if the password is not entered correctly. Press [OK] to enter the password again.

If you have not set the password, proceed to the following step.

7. Press [Yes].

The selected file is deleted.

↓ Note

- Press [No] to cancel the delete request.
- If you have already set a password in the printer driver, enter it to delete.
- If you forgot your password, ask your file administrator for help.

How to use the Document Server function

Follow the procedure below to print a document using the Document Server function.

1. In the application, on the [File] menu, click [Print].

The [Print] dialog box appears.

2. In the pop-up menu, click [Job Log].

3. On the [Job Type:] pop-up menu, click [Document Server].

4. In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. A file name and password can also be entered arbitrarily.

The user ID associates the user with his / her job.

You can assign a password to a saved document, but password assignment is not mandatory.

The same password must be entered when printing or deleting.

5. Start the printing from the application's [Print] dialog box.

User Code

Use this to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code with SmartDeviceMonitor for Admin.

The following shows where you can select this function.

- Select the [Enable User Code] check box, and then enter a user code in the [User Code:] box on [Job Log] in the print dialog box.

↓ Note

- For details about using SmartDeviceMonitor for Admin, see SmartDeviceMonitor for Admin Help.

Orientation

Use this to set the paper orientation.

The following shows where you can select this function.

- [Orientation:] is displayed in the print dialog box.

You can select the following items:

- Landscape
- Portrait

Note

- Click to select the button that means "Landscape" or "Portrait".

Rotate by 180 degrees

Use this to rotate the print image by 180 degrees.

The following shows where you can select this function.

- [Rotate by 180 degrees] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Copies

Use this function to specify the number of copies to print.

The following shows where you can select this function.

- [Copies:] is displayed in the print dialog box.

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Paper Size

Use this to select the size of paper you want to use.

The following shows where you can select this function.

- [Paper Size] is displayed in the print dialog box.

Note

- For details about the paper sizes supported by this machine, see "System Settings", Network and System Settings Reference.

Input Slot

Use this to select a paper sources.

The following shows where you can select this function.

- [All pages from:] is displayed on [Paper Feed] in the print dialog box.

Note

- For details about paper trays, see "Loading Paper", About This Machine.

Paper Type

Use this to select the paper type.

The following shows where you can select this function.

- [Paper Type] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Note

- For details about paper types available in each tray, see "Recommended Paper Sizes and Types", About This Machine.

Fit to Paper

When the size of the document and paper size differ, set whether or not to print according to paper size.

The following shows where you can select this function.

- [Fit to Paper] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Prompt User

Print is performed with the size of document to be printed unchanged.

Nearest Size and Scale

If the paper size is smaller than the selected paper size, the driver reduces the print size.

If the paper size is larger than the size of document to be printed, print is not to fit the paper size.

Nearest Size and Crop

Print is performed regardless of any differences between selected and actual paper size. However, the print output is not adjusted to fit the paper size.

Note

- If the following roll paper is set to the machine, and Fit to Paper is active, Fit to Paper is performed on roll paper with given width and 11 inch length:
- Width: 440 mm, 490 mm, 620 mm, 625 mm, 660 mm, 680 mm, 707 mm, 800 mm, 880 mm

Layout

Use this function to specify the layout when printing multiple pages onto a single sheet of paper.

The following shows where you can select this function.

- [Layout Direction:] is displayed on [Layout] in the print dialog box.

Note

- Click to select the button.

Page Order

Use this function to specify image layout order when [Layout] is specified.

The following shows where you can select this function.

- [Page Order:] is displayed on [Paper Handling] in the print dialog box.

Note

- Depending on the version of the Mac OS X operating system, this function may not be available.

Dithering

Use this to set the Image Rendering mode.

The following shows where you can select this function.

- [Dithering] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

You can select the following items:

Auto

Use this setting to configure the best dithering method automatically depending on the appearance of the document to be printed.

Photographic

Performs dithering using an appropriate pattern for photographs.

Text

Performs dithering using an appropriate pattern for text.

User Setting

Use this setting to print images set in half tone in your application.

Image Smoothing

Use this to select the image smoothing type.

The following shows where you can select this function.

- [Image Smoothing] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

You can select the following items:

Off

Disables image smoothing.

On

Performs image smoothing unconditionally.

Auto

Performs image smoothing automatically for images that have a resolution less than 25% of supported printer resolution.

Less than 90 ppi to Less than 300 ppi

Performs image smoothing only when the image has an image resolution (pixels per inch) less than the respective value you have selected in the list.

↓ Note

- When [Auto] is selected, data processing may take a long time.
- When Image Smoothing is used for a mask image, this function may have an undesired effect on the print result.

Destination

Use this to select an output tray.

The following shows where you can select this function.

- [Destination] is displayed under [General 1] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

↓ Note

- For details about output trays supported by this machine, see About This Machine.

Collate

Use this function to enable collation. With this feature, the machine can efficiently print collated sets of multiple-page documents.

The following shows where you can select this function.

- Check the [Collated] check box in the printer dialog box.

Page Output Order

Specify the order of pages to print.

The following shows where you can select this function.

- [Page Order:] is displayed on [Paper Handling] in the print dialog box.

Orientation Override

Use this to set the paper orientation.

The following shows where you can select this function.

- [Orientation Override] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

You can select the following items:

- Off
- Landscape
- Portrait

Watermark

8

Set the Watermark function.

The following shows where you can select this function.

- [Watermark:] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Watermark Text

Select the Watermark Text type.

The following shows where you can select this function.

- [Watermark Text:] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Watermark Font

Select the Watermark Font type.

The following shows where you can select this function.

- [Watermark Font:] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Watermark Size

Select the Watermark size.

The following shows where you can select this function.

- [Watermark Size:] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Watermark Angle

Select the Watermark angle.

The following shows where you can select this function.

- [Watermark Angle:] is displayed under [General 2] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

Watermark Style

Select the Watermark style.

The following shows where you can select this function.

- [Watermark Style:] is displayed under [General 3] in the [Feature Sets:] list on [Printer Features] in the print dialog box.

9. Appendix

Specifications

This section contains the machine's electrical and hardware specifications, including information about its options.

Component	Specifications
Resolution	200dpi/300dpi/400dpi/600dpi
Printing speed	 Region A Type 1: 2 sheets/minute (A0(E) <input type="checkbox"/>) ¹ , 4 sheets/minute (A1(D) <input type="checkbox"/>) Type 2: 3 sheets/minute (A0(E) <input type="checkbox"/>) ¹ , 6 sheets/minute (A1(D) <input type="checkbox"/>)  Region B 3 sheets/minute (A0(E) <input type="checkbox"/>) ¹ , 6 sheets/minute (A1(D) <input type="checkbox"/>) Printing speeds depend on the machine.
Interface	Standard: <ul style="list-style-type: none">Ethernet interface (100 BASE-TX/10 BASE-T)USB 2.0 Option: <ul style="list-style-type: none">Gigabit Ethernet interface (1000BASE-T/100BASE-TX/10BASE-T)IEEE 802.11 a/b/g wireless LAN interface
Network protocol	TCP/IP(IPv4, IPv6), IPX/SPX
Printer language	PostScript 3, PDF, GL/2 & TIFF Filter ^{*1}
Fonts	<ul style="list-style-type: none">PostScript 3: 136 fonts (Type 2:24, Type 14:112)Arial 4 fonts
Memory	1 GB
Hard disk	Storage capacity: 160 GB

Component	Specifications
USB Interface (Standard)	Transmission spec: <ul style="list-style-type: none"> • USB 2.0 Standard Connectable Device: <ul style="list-style-type: none"> • Devices corresponding to USB 2.0 Standard
Supported Operating System	Standard: <ul style="list-style-type: none"> • Windows 2000/XP/Vista/7, Windows Server 2003/2003 R2/2008/2008R2 Optional: <ul style="list-style-type: none"> • Mac OS X 10.2 or higher

* 1 This machine can print HP-GL, HP-GL/2, TIFF, and PDF files.

Note

- When using the Mac OS X operating system, use only the standard USB Interface. An optional USB interface board is not supported.
- When using the USB Interface (Standard) with Mac OS X 10.3.3 or later, USB 2.0 is supported.

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- The product names of Windows 2000 are as follows:

Microsoft® Windows® 2000 Professional

Microsoft® Windows® 2000 Server

Microsoft® Windows® 2000 Advanced Server

- The product names of Windows XP are as follows:

Microsoft® Windows® XP Professional Edition

Microsoft® Windows® XP Home Edition

Microsoft® Windows® XP Media Center Edition

Microsoft® Windows® XP Tablet PC Edition

- The product names of Windows Vista are as follows:

Microsoft® Windows Vista® Ultimate

Microsoft® Windows Vista® Business

Microsoft® Windows Vista® Home Premium

Microsoft® Windows Vista® Home Basic

Microsoft® Windows Vista® Enterprise

- The product names of Windows 7 are as follows:

Microsoft® Windows® 7 Home Premium

Microsoft® Windows® 7 Professional

Microsoft® Windows® 7 Ultimate

Microsoft® Windows® 7 Enterprise

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

Microsoft® Windows Server® 2003 Standard Edition

Microsoft® Windows Server® 2003 Enterprise Edition

- The product names of Windows Server 2003 R2 are as follows:

Microsoft® Windows Server® 2003 R2 Standard Edition

Microsoft® Windows Server® 2003 R2 Enterprise Edition

- The product names of Windows Server 2008 are as follows:

Microsoft® Windows Server® 2008 Standard

Microsoft® Windows Server® 2008 Enterprise

- The product names of Windows Server 2008 R2 are as follows:

Microsoft® Windows Server® 2008 R2 Standard

Microsoft® Windows Server® 2008 R2 Enterprise

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