

## **PostScript 3 Supplement**



- 1 Windows Configuration
- 2 Mac OS Configuration
- 3 Using PostScript 3
- 4 Printer Utility for Mac

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

#### Introduction

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

#### Important

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

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

- The product names of Windows<sup>®</sup> 2000 are as follows: Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Advanced Server Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Server Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Professional
- The product names of Windows<sup>®</sup> XP are as follows: Microsoft<sup>®</sup> Windows<sup>®</sup> XP Professional Microsoft<sup>®</sup> Windows<sup>®</sup> XP Home Edition
- The product names of Windows Server 2003 are as follows: Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Standard Edition Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Enterprise Edition Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Web Edition Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Datacenter Edition
- The product names of Windows Server 2003 R2 are as follows: Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 R2 Standard Edition Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 R2 Enterprise Edition Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 R2 Datacenter Edition
- The product names of Windows Vista are as follows: Microsoft<sup>®</sup> Windows Vista<sup>TM</sup> Ultimate Microsoft<sup>®</sup> Windows Vista<sup>TM</sup> Enterprise Microsoft<sup>®</sup> Windows Vista<sup>TM</sup> Business Microsoft<sup>®</sup> Windows Vista<sup>TM</sup> Home Premium Microsoft<sup>®</sup> Windows Vista<sup>TM</sup> Home Basic

#### Notes:

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

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

## Manuals for This Machine

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

#### ∰Important

- □ Media differ according to manual.
- **D** 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.
- Depending on which country you are in, there may also be html manuals. To view these manuals, a Web browser must be installed.

#### \* About This Machine

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

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

#### Trouble Shooting

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

#### Copy Reference

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

#### \* Facsimile Reference

Explains Facsimile functions and operations.

#### Printer Reference

Explains Printer functions and operations.

#### Scanner Reference

Explains Scanner functions and operations.

#### Network Guide

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

#### General Settings Guide

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

#### 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.

#### PostScript 3 Supplement

Explains how to set up and use PostScript 3.

#### UNIX Supplement

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.

#### Other manuals

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

## 🖉 Note

□ Manuals provided are specific to machine types.

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## How to Read This Manual

## Symbols

This manual uses the following symbols:

### A WARNING:

Indicates important safety notes.

Ignoring these notes could result in serious injury or death. Be sure to read these notes. They can be found in the "Safety Information" section of About This Machine.

## A CAUTION:

Indicates important safety notes.

Ignoring these notes could result in moderate or minor injury, or damage to the machine or to property. Be sure to read these notes. They can be found in the "Safety Information" section of About This Machine.

## Important

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

## 🔗 Note

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

#### ₽ Reference

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

## []

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

## 

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

# 1. Windows Configuration

## Using the DeskTopBinder-SmartDeviceMonitor for Client Port

## Installing DeskTopBinder-SmartDeviceMonitor for Client

#### ∰Important

- To install DeskTopBinder-SmartDeviceMonitor for Client under Windows 2000 / XP Professional / Vista, Windows Server 2003 / 2003R2, you must have an account that has Manage Printers permission. Log on as an Administrator.
- Install DeskTopBinder-SmartDeviceMonitor for Client before installing the printer driver when using the DeskTopBinder-SmartDeviceMonitor for Client port.

## **1** Quit all applications currently running.

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

The installer starts.

#### **E** Select an interface language, and then click [OK].

The default interface language is English.

## Click [DeskTopBinder - SmartDeviceMonitor for Client].

**5** The software license agreement appears in the [License Agreement] dialog box. After reading through its contents, click [l accept the agreement.], and then click [Next >].

## Click the [DeskTopBinder - SmartDeviceMonitor for Client] checkbox, and then click [Next >].

The DeskTopBinder-SmartDeviceMonitor for Client installer starts.

**Z** Follow the instructions on the display to install DeskTopBinder-SmartDeviceMonitor for Client.

## **8** Click [Finish].

If you are required to restart the computer after installing DeskTopBinder-SmartDeviceMonitor for Client, restart the computer.

## 🔗 Note

- □ To stop installation of the selected software, click **[Cancel]** before installation is complete.
- □ 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 (Windows 2000 - TCP/IP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

### **1** Quit all applications currently running.

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

The installer starts.

## **E** Select an interface language, and then click [OK].

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

Click [Next >].

**6** Click [Local printer], and then click [Next >].

**2** Click [Create a new port:].

Click [SmartDeviceMonitor], and then click [Next >].

Click [IPv4], and then click [Search].

A list of printers using TCP/IP appears.

## $I\!\!I$ Select the printer you want to use, and then click [OK].

Only printers 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.

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

Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

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

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

## Click [Finish].

The printer driver installation starts.

#### 🔗 Note

- □ 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 (Windows 2000 - IPP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

## **1** Quit all applications currently running.

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

The installer starts.

#### **E** Select an interface language, and then click [OK].

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

- Click [Next >].
- **6** Click [Local printer], and then click [Next >].
- **2** Click [Create a new port:].
- Click [SmartDeviceMonitor], and then click [Next >].
- Click [IPP].

#### In the [Printer URL] box, enter "http://(printer's address)/printer" as the printer's address.

If the server authentification is issued, to enable SSL (a protocol for encrypted communication), enter "https://(printer's address)/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://printer's address/ipp" as the printer's address.

## LET Enter a name for identifying the printer in [IPP Port Name]. Use a name different from the name of any existing port.

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

## Click [Detailed Settings] to configure proxy server, the IPP user name and other settings. Specify the necessary settings, and then click [OK].

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

## Click [OK].

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

E Change the printer name if you want, and then click [Next >].

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

**U** Specify whether or not to share the printer, and then click [Next >].

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

### Click [Finish].

The printer driver installation starts.

- □ 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 (Windows XP, Windows Server 2003 / 2003R2 - TCP/IP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

#### **U** Quit all applications currently running.

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

The installer starts.

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

The default interface language is English.

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

Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [Local printer attached to this computer.], and then click [Next >].

Click [Create a new port:].

- Click [SmartDeviceMonitor], and then click [Next >].
- Click [IPv4], and then click [Search].
  - A list of printers using TCP/IP appears.

## ${f W}$ Select the printer you want to use, and then click [OK].

Only printers 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.

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

Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

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

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

Click [Finish].

The printer driver installation starts.

#### 🖉 Note

- □ 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.

1

# Installing the PostScript 3 Printer Driver (Windows XP, Windows 2003 / 2003R2 - IPP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

#### **1** Quit all applications currently running.

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

The installer starts.

## **E** Select an interface language, and then click [OK].

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [Local printer attached to this computer.], and then click [Next >].

Click [Create a new port:].

Click [SmartDeviceMonitor] in [Create a new port], and then click [Next >].

9 Click [IPP].

#### In the [Printer URL] box, enter "http://(printer's address)/printer" as the printer's address.

If the server authentification is issued, to enable SSL (a protocol for encrypted communication), enter "https://(printer's address)/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://printer's address/ipp" as the printer's address.

## LET Enter a name for identifying the printer 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.

## Click [Detailed Settings] to make necessary settings.

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

## Click [OK].

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

Change the name of the printer if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

**U** Specify whether or not to share the printer, and then click [Next >].

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

## 🛙 Click [Finish].

The printer driver installation starts.

- □ 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 (Windows Vista - TCP/IP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

### **1** Quit all applications currently running.

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

The installer starts.

## **E** Select an interface language, and then click [OK].

The default interface language is English.

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.

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Add a local printer].

Click [Create a new port:].

## Click [SmartDeviceMonitor] and then click [Next >].

Click [IPv4], and then click [Search]. A list of printers using TCP/IP appears.

## Select the printer you want to use, and then click [OK].

Only printers 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.

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

Change the printer name if you want, and then click [Next >]. Select the [Set as the default printer] check box to configure the printer as default.

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

#### Click [Finish].

To print a test page, click **[Print a test page]**. The printer driver installation starts.

- □ 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 (Windows Vista - IPP)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

## **1** Quit all applications currently running.

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

The installer starts.

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.

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

## **4** Select an interface language, and then click [OK].

The default interface language is English.

Click [Add a local printer].

Click [Create a new port:].

Click [SmartDeviceMonitor], and then click [Next >].

## **8** Click [IPP].

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

If the server authentification 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 printer's address.

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

## Enter a name for identifying the printer in [IPP Port Name] box. 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.

## Click [Detailed Settings] to make necessary settings.

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

- Click [OK].
- Click [OK].

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

Change the printer name if you want, and then click [Next]. Select the [Set as the default printer] check box to configure the printer as default.

**U** Specify whether or not to share the printer, and then click [Next].

#### Click [Finish].

To print a test page, click [Print a test page].

The printer driver installation starts.

- □ 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 DeskTopBinder-SmartDeviceMonitor for Client

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

#### Windows 2000:

Open the [Printers] window from the [Start] menu.

In the [Printers...] window, click the icon of the printer you want to use. On the [File] menu, click [Properties].

**U** On the [Ports] tab, click [Configure Port]

The **[Port Configuration]** dialog box appears.

Windows XP, Windows Server 2003 / 2003R2:

**1** Open the [Printers and Faxes] window from the [Start] menu. The [Printers and Faxes] window appears.

Click the icon of the machine you want to use. On the [File] menu, click [Properties]. The printer properties appear.

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

The [Port Configuration] dialog box appears.

- For TCP/IP, timeout setting can be configured.
- User, proxy, and timeout settings can be configured for IPP.

#### Reference

For information about these settings, see DeskTopBinder-SmartDevice-Monitor for Client Help.

#### Windows Vista:



Open the [Printers] window from [Control Panel] on the [Start] menu. The [Printers] window appears.

**2** Right - click the icon of the printer you want to use, and then click the [Properties]. The printer properties appear.

Click the [Ports] tab, and then click [Configure Port...]. The [Port Configuration] dialog box appears.

- For TCP/IP, timeout setting can be configured.
- User, proxy, and timeout settings can be configured for IPP.

#### ₽ Reference

For information about these settings, see DeskTopBinder-SmartDevice-Monitor for Client Help.

How to enable Recovery/Parallel Printing

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

**1** Start DeskTopBinder-SmartDeviceMonitor for Client, and then right-click the DeskTopBinder-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.

Click [OK] to close the [Extended Features Settings] dialog box

## Using the Standard TCP/IP Port

## Installing the PostScript 3 Printer Driver (Windows 2000)

## ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ In an IPv6 environment, you cannot use the Standard TCP/IP Port. Use the DeskTopBinder-SmartDeviceMonitor port.

## **1** Quit all applications currently running.

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

The installer starts.

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

The default interface language is English.

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

## Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

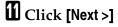
- **5** Click [Next >].
- **6** Click [Local printer], and then click [Next >].
- **2** Click [Create a new port:].

Click [Standard TCP/IP Port], and then click [Next >].

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

- $\blacksquare$  Enter the printer name or IP address in the [Printer Name 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 C Model".



- Click [Finish] in the [Add Standard TCP/IP Printer Port Wizard] dialog box.
- E Check that the name of the machine whose driver you want to install is selected, and then click [Next >].

Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

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

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

## Click [Finish].

The printer driver installation starts.

- □ 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.

1

# Installing the PostScript 3 Printer Driver (Windows XP, Windows Server 2003 / 2003R2)

### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ In an IPv6 environment, you cannot use the Standard TCP/IP Port. Use the DeskTopBinder-SmartDeviceMonitor port.

## **1** Quit all applications currently running.

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

The installer starts.

#### **E** Select an interface language, and then click [OK].

The default interface language is English.

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

## Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [Local printer attached to this computer], and then click [Next >].

**2** Click [Create a new port:].

Click [Standard TCP/IP Port] in [Create a new port], and then click [Next >].

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

Click [Next >].

**W** Enter the printer name or IP address in the [Printer Name or IP Address...] box. The [Port Name] text box automatically obtains a port name. Change this name if necessary.

When screen for Device Type selection appears, select "RICOH Network-Printer C Model".

- Click [Next >]
- Click [Finish] in the [Add Standard TCP/IP Printer Port Wizard] dialog box.
- Check that the name of the machine whose driver you want to install is selected, and then click [Next >].

- Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.
- ${f U}$  Specify whether or not to share the printer, and then click [Next >].

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

## Click [Finish].

The printer driver installation starts.

- □ 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 (Windows Vista)

#### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ In an IPv6 environment, you cannot use the Standard TCP/IP Port. Use the DeskTopBinder-SmartDeviceMonitor port.

#### **U** 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 default interface language is English.

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.

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

Click [Add a local printer].

Click [Create a new port:].

Click [Standard TCP/IP Port] in [Create a new port], and then click [Next].

## Enter the printer 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 Type selection appears, select "RICOH Network-Printer C Model".

## **9** Click [Next].

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

**U** Change the printer name if you want, and then click [Next]. Select the [Set as the default printer] check box to configure the printer as default.

Becify whether or not to share the printer, and then click [Next].

#### Click [Finish].

To print a test page, click **[Print a test page]**. The printer driver installation starts.

- □ 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 LPR Port

## Installing the PostScript 3 Printer Driver (Windows 2000)

#### ∰Important

Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.

### **1** Quit all applications currently running.

**2 Insert the CD-ROM into the CD-ROM drive.** The installer starts.

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

The default interface language is English.

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

## Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [Local printer], and then click [Next >].

**2** Click [Create a new port:].

Click [LPR Port], and then click [Next >].

Enter the printer's IP address in the [Name or address of server providing lpd...] box.

Enter "1p" in the [Name of printer or print queue on that server...] box, and then click [OK].

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

Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

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

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

## Click [Finish].

The printer driver installation starts.

## 🔗 Note

- □ 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.

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# Installing the PostScript 3 Printer Driver (Windows XP, Windows Server 2003 / 2003R2)

#### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ In an IPv6 environment, you cannot use the LPR Port. Use the DeskTopBinder-SmartDeviceMonitor port.

#### **U** Quit all applications currently running.

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

The installer starts.

#### **E** Select an interface language, and then click **[OK]**.

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

- **5** Click [Next >].
- Click [Local Printer attached to this computer.], and then click [Next >].
- Click [Create a new port:].
- Click [LPR Port] in [Create a new port], and then click [Next >].
- Enter the printer's IP address in the [Name or address of server providing lpd] box.
- ${f U}$  Enter "lp" in the [Name of printer or print queue on that server box], and then click [OK].
- Check that the name of the machine whose driver you want to install is selected, and then click [Next >].

Change the printer name if you want, and then click [Next >]. Select the [Yes] check box to configure the printer as default.

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

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

## E Click [Finish].

The printer driver installation starts.

- □ 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 (Windows Vista)

#### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ In an IPv6 environment, you cannot use the LPR Port. Use the DeskTopBinder-SmartDeviceMonitor port.

#### **U** Quit all applications currently running.

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

The installer starts.

#### **E** Select an interface language, and then click [OK].

The default interface language is English.

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.

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

- **5** Click [Add a local printer].
- **6** Click [Create a new port:].
- Click [LPR Port] in [Create a new port], and then click [Next].
- Enter the printer's IP address in the [Name or address of server providing lpd] box.
- Enter "lp" in the [Name of printer or print queue on that server box], and then click [OK].
- Check that the name of the machine whose driver you want to install is selected, and then click [Next].

**U** Change the printer name if you want, and then click [Next]. Select the [Set as the default printer] check box to configure the printer as default.

Description Specify whether or not to share the printer, and then click [Next].

### Click [Finish].

To print a test page, click [Print a test page].

The printer driver installation starts.

- □ 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 the Windows Network Printer

## Installing the PostScript 3 Printer Driver (Windows 2000)

#### ∰Important

- Installing a printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- If you print from a print server connected to the printer using the DeskTop-Binder-SmartDeviceMonitor port, the client cannot use Recovery Printing and Parallel Printing.

## **1** Quit all applications currently running.

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

The installer starts.

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

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [Network printer], and then click [Next >].

Select the location method from the [Locate Your Printer] screen, and then click [Type the printer name, or click Next to browse for a printer].

Click [Next >].

Double-click the computer name you want to use as a print server in the [Shared printers] list.

 $\blacksquare$  Select the printer you want to use, and then click [OK].

#### Click [Finish].

Restart the computer to complete installation.

## 🔗 Note

- □ 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 (Windows XP, Windows Server 2003 / 2003R2)

#### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- If you print from a print server connected to the printer using the DeskTop-Binder-SmartDeviceMonitor port, the client cannot use Recovery Printing and Parallel Printing.
- □ If you print with a Windows XP or Windows Server 2003 / 2003R2 print server, DeskTopBinder-SmartDeviceMonitor notification functions may not be possible for the client.
- **U** Quit all applications currently running.

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

The installer starts.

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

The default interface language is English.

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

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

**5** Click [Next >].

Click [A network printer, or a printer attached to another computer] and then click [Next >].

Select [Browse for a printer], and then click [Next >].

Double-click the computer name you want to use as a print server in the [Shared printers] list.

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

## Click [Finish].

Restart the computer to complete installation.

- □ 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 (Windows Vista)

#### ∰Important

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- If you print from a print server connected to the printer using the DeskTop-Binder-SmartDeviceMonitor port, the client cannot use Recovery Printing and Parallel Printing.
- If you print with a Windows Vista print server, DeskTopBinder-SmartDeviceMonitor notification functions may not be possible for the client.

#### **U** 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 default interface language is English.

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.

#### Click [PostScript 3 Printer Driver].

Add Printer Wizard starts.

#### Click [Add a network, wireless or Bluetooth printer].

The printer search begins automatically.

Select [Select a printer] list, and then click [Next].

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

## Change the printer name if you want, and then click [Next].

Select the [Set as the default printer] check box to configure the printer as default.

Specify whether or not to share the printer, and then click [Next].

#### Click [Finish].

To print a test page, click [Print a test page].

The printer driver installation starts.

- □ 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 the NetWare Print Server / Remote Printer

## When using the PostScript 3 Printer Driver

#### ∰Important

□ 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** Click [Advanced].
- Clear the [Send CTRL+D Before Each Job] and [Send CTRL+D After Each Job] check boxes, and then click [OK].
- **5** Click **[OK]** to close the printer properties dialog box.

## Installing the Printer Driver Using USB

This section explains how to install printer drivers using USB.

#### ∰Important

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.

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

## Windows 2000 - USB

## ∰Important

□ Installing a printer driver requires Administrators permission. Log on using an account that has Administrators permission.

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

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

Check that the power of the printer is off.

## **2** Connect the machine to the computer using the USB cable.

Connect the USB cable firmly.

## **E** Turn on the power of the machine.

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

Click [Next >] in the [Found New Hardware Wizard] dialog box.

Select the [Search for a suitable driver for my device (recommended)] check box, and then click [Next >].

Select the [Specify location] check box, and then click [Next >].

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

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:

 PostScript 3 D:\DRIVERS\PS3\XP\_VISTA\(Language)\DISK1

## Check the printer driver location, and then click [OK].

## Click [Next >].

## Click [Finish].

If the printer driver has already been installed, plug and play is enabled, and the icon of the printer connected to the "USB001" port is added to the **[Printers]** window.

- □ When Auto Run starts, click [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.
- □ The number after "USB" varies depending on the number of printers connected.

## Windows XP, Windows Server 2003 / 2003R2 - USB

#### ∰Important

Installing a printer driver requires Administrators permission. Log on using an account that has Administrators permission.

If the printer driver has already been installed, plug and play is enabled, and the icon of the printer connected to the "USB" port is added to the **[Printers]** 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 printer to install it from the CD-ROM provided.

## **1** Turn off the power of the machine.

## **2** Connect the machine to the computer using the USB cable.

Connect the USB cable firmly.

#### **U** Turn on the power of the machine.

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

In the Found New Hardware Wizard display, click [Search for a suitable driver for my device [recommended]], and then click [Next >].

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.

Select the [Include this location in the search] check box under [Search for the best driver in these location], and then 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:

 PostScript 3 D:\DRIVERS\PS3\XP\_VISTA\(Language)\DISK1

## Check the printer driver location, and then click [Next >].

## Click [Continue].

#### **9** Click [Finish].

If installation is successful, the icon of the printer connected to the "USB001" port is added to the **[Printers]** window.

## 🖉 Note

□ If Auto Run starts, click [Cancel], and then [Exit].

□ The number after "USB" varies depending on the number of printers connected.

## Windows Vista - USB

#### ∰Important

- Installing a printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- □ If the printer driver has already been installed, plug and play is enabled, and the icon of the printer connected to the "USB" port is added to the **[Printers]** window. The printer drivers can be installed from the supplied CD-ROM provided with this machine.
- □ If the printer driver is not installed, follow the plug-and-play instructions of the printer to install it from the supplied CD-ROM.

## **1** Connect the machine to the computer using the USB cable.

Connect the USB cable firmly.

2 In the Found New Hardware display, select [Locate and install driver software (Recommended)].

Click [Continue] if the [User Account Control] window appears.

U When a message prompting insertion of the CD-ROM, insert the CD-ROM into the CD-ROM drive.

Installation of the printer driver is automatically started.

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

## 4 Click [Exit].

If installation is successful, the icon of this printer is added to the **[Printers]** window.

#### 🖉 Note

- □ When a printer driver meeting this printer is found on a network, a message prompting insertion of the CD-ROM is not displayed.
- □ The number after "USB" varies depending on the number of printers connected.

Problems	Solutions
The machine is not auto- matically recognized.	Turn off the power of the machine, reconnect the USB cable, and then turn it on again.
Windows has already configured the USB set- tings.	Open Windows' Device Manager, and then, under <b>[Universal Serial Bus controllers]</b> , remove any conflicting devices. Conflicting devices have a yellow <b>[!]</b> or <b>[?]</b> icon by them. Take care not to accidentally remove required devices. For details, see Windows Help.

## **Troubleshooting for using USB**

## **Printing with Bluetooth Connection**

This describes how to print with Bluetooth devices.

## **Supported Profiles**

The following profiles are supported:

- SPP (Serial Port Profile)
- HCRP (Hardcopy Cable Profile)
- BIP (Basic Imaging Profile)

#### Restrictions on SPP, HCRP

- A maximum of two Bluetooth adaptor or Bluetooth-equipped computers can be connected at the same time using the Bluetooth interface: one by SPP, one by HCRP.
- When connecting more than one Bluetooth adaptor or Bluetooth-equipped computer at the same time, the first device that establishes connection is selected. When selecting the connection between the other devices, cancel the first established connection.
- SPP connection does not support bidirectional communications.
- HCRP connection supports bidirectional communications.

#### Restrictions on BIP

- For BIP connection, a module including PostScript 3 must be installed in the machine.
- Only one Bluetooth adaptor or Bluetooth-equipped computer can be connected via BIP.
- Only JPEG images that can be printed using BIP.
- User codes are disabled for BIP.
- You cannot print if print functions are restricted.
- Some printers do not support BIP.

Instructions in this manual relate to printing via HRCP. To print using SPP or BIP, see the Help supplied with the Bluetooth adapter you want to use, or the Microsoft Web site.

## Adding a Bluetooth Printer

The following procedures explain how to install a Bluetooth printer on a computer that is running Windows XP or Windows Vista.

If your computer is running SP1 or an earlier version of Windows XP, there are additional applications that you must install. For details about these, see the Help supplied with your Bluetooth device.

#### Important

- To perform a printer installation, your account must have Manage Printers permission. Log on as an Administrators or Power Users group member.
- □ To connect to a Bluetooth printer, your computer must have a Bluetooth device installed. Make sure a Bluetooth device is installed on your computer.

#### Windows XP

On the [Start] menu, click [Printers and Faxes]. The [Printers and Faxes] window appears. **2** Click [Add a printer]. The [Add Printer Wizard] window opens. Click [Next >]. Click [Bluetooth Printer], and then click [Next >]. The computer begins searching for available Bluetooth printers. If a new printer is discovered, the [Found New Hardware Wizard] window appears. To ignore a discovered device and continue searching, click [Cancel]. The computer resumes searching for other available Bluetooth printers. Click [No, I will not connect], and then click [Next >]. Click [Install from a list or specific location (Advanced)], and then click [Next >]. **U** Insert the CD-ROM provided with this machine into your computer's CD-ROM drive, select the [Search removable media (floppy, CD-ROM...)] check box, and then click [Next >]. If the [Hardware Installation] window appears, click [Continue]. If the installation was successful, click [Finish]. Click [Finish]. 🖉 Note □ Actual Bluetooth printer operations will vary according to your Bluetooth device and/or Bluetooth installed computer. For details, see the Help supplied with your Bluetooth device and/or Bluetooth equipped computer. □ After printing the test page, check it, and then click **[Close]** to close the window. □ If there is a problem with the test page, click **[Troubleshooting]** in the test

print window.

#### Windows Vista

#### ∰Important

- □ To perform a printer installation, your account must have Manage Printers permission. Log on as an Administrators or Power Users group member.
- On the [Start] menu, click [Control Panel].
- **2** In the "Hardware and Sound" area, click [Printers].
- **U** In the top part of the window, click [Add a printer].
- In the [Add Printer] window, select [Add a network, wireless or Bluetooth printer], and then click [Next >].

The computer begins searching for available Bluetooth devices.

From the list of discovered devices, select the printer you want to use, and then click [Next >].

All discovered wireless printers appear in the list of discovered printers, not only Bluetooth printers.

Make sure the printer you select is a Bluetooth printer.

- Insert the CD-ROM provided with this machine into your computer's CD-ROM drive, and then click [Browse my computer for driver software (advanced)] on the [Found New Hardware] display.
- In the [Found New Hardware] window, select the printer driver you want to use, and then click [Next >].

The printer driver installation starts.

If the [Windows Security] window appears, click [Install this driver software anyway].

Click [Close].

U If you want to change the printer name, enter the new name in the [Printer Name Settings] window.

**U** If you want to print a test page, click [Printing Test Page] on the "Test Print" page. Otherwise, click [Finish].

#### 🔗 Note

- □ If you print the test page, after checking it, click **[Close]** to close the test print window.
- □ If there is a problem with the test page, click **[Troubleshooting Printer Prob**lems] in the test print window.

## 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.

**E** Follow the instructions in Add Printer Wizard.

- 🔗 Note
- □ If the printer driver is on a CD-ROM, the location of the PostScript 3 printer driver is D:\DRIVERS\PS3\XP\_VISTA\(Language)\DISK1. If the installer starts, click **[Cancel]** to quit.

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

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

**2** Click [Add a printer].

**E** Follow the instructions in Add Printer Wizard.

#### 🖉 Note

□ If the printer driver is on a CD-ROM, the location of the RPCS printer driver is D:\DRIVERS\PS3\XP\_VISTA\(Language)\DISK1. If the installer starts, click **[Cancel]** to quit.

For Windows XP Home Editions:

- On the [Start] menu, click [Control Panel].
- **2** Click [Printers and Other Hardware].
- **E** Click [Printers and Faxes].
- 4 Click [Add a printer].

**5** Follow the instructions in Add Printer Wizard.

#### 🖉 Note

□ If the printer driver is on a CD-ROM, the location of the RPCS printer driver is D:\DRIVERS\PS3\XP\_VISTA\(Language)\DISK1. If the installer starts, click **[Cancel]** to quit.

For Windows Vista:

**1** On the [Start] menu, click [Control Panel]. The [Control Panel] window appears.

**2** Click [Printers] in "Hardware and Sound".

**E** Click [Add a printer].

**4** Follow the instructions in Add Printer Wizard.

## 🖉 Note

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

## Making Option Settings for the Printer

Make option settings for the machine using the printer driver when bidirectional communication is disabled.

Set up option settings when bidirectional communications are disabled.

#### ∰Important

Under Windows 2000 / XP / Vista and Windows Server 2003 / 2003R2, Manage Printers permission is required to change the printer properties in the [Printers] folder. Log on as an Administrators or Power Users group member.

1 On the [Start] menu, point to [Settings], and then click [Printers].

The [Printers] window appears.

- **2** Click the icon of the printer you want to use.
- On the [File] menu, click [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.

#### Reference

For details about making option settings for the printer, see p.53 "Setting Up Options".

## Setting Up the Printer Driver

## Windows 2000 - Accessing the Printer Properties

#### Making printer default settings - the printer properties

#### ∰Important

- To change the printer default settings including option configuration settings, log on using an account that has Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default.
- □ You cannot change the printer default settings for each user. Settings made in the printer properties dialog box are applied to all users.

## 1 On the [Start] menu, point to [Settings], and then click [Printers].

The [Printers] window appears.

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

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

The printer properties dialog box appears.

Make the necessary settings, and then click [OK].

#### 🖉 Note

- □ Settings you make here are used as the default settings for all applications.
- Do not make a setting for [Form to Tray Assignment].

### ✓ Reference

For details, see the printer driver Help.

#### Making printer default settings - Printing Preferences

#### ∰Important

- You cannot change the printer default settings for each user. Settings made in the printer properties dialog box are applied to all users.
- 1 On the [Start] menu, point to [Settings], and then click [Printers].

The [Printers] window appears.

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

#### **U** On the [File] menu, click [Printing Preferences...].

The [Printing Preferences] dialog box appears.

A Make the necessary settings, and then click [OK].

#### 🖉 Note

□ Settings you make here are used as the default settings for all applications.

#### Reference

For details, see the printer driver Help.

#### Making printer settings from an application

You can make printer settings for a specific application.

To make printer settings for a specific application, open the **[Print]** dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows 2000.

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

The [Print] dialog box appears.

Select the printer you want to use in the [Select Printer] list.

Click the appropriate tab, make the necessary changes to the print settings, and then click [Print] to start printing.

#### 🖉 Note

- □ The procedure to open the **[Printing Preferences]** dialog box may vary depending on the application. For details, see the manuals provided with the application you use.
- Any settings you make in the following procedure are valid for the current application only.
- □ General users can change the properties displayed in the **[Print]** dialog box of an application. Settings made here are used as defaults when printing from this application.

#### PReference

# Windows XP, Windows Server 2003 / 2003R2 - Accessing the Printer Properties

#### Making printer default settings - the printer properties

#### ∰Important

- To change the printer default settings including option configuration settings, log on using an account that has Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default.
- You cannot change the printer default settings for each user. 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.

The [I miles and I axes] where where appears.

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

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

The printer properties dialog box appears.

## Make the necessary settings, and then click [OK].

#### 🖉 Note

□ Settings you make here are used as the default settings for all applications.

#### Reference

For details, see the printer driver Help.

#### Making printer default settings - Printing Preferences

#### ∰Important

- □ You cannot change the printer default settings for each user. 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.

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

**U** On the [File] menu, click [Printing Preferences...]. The [Printing Preferences] dialog box appears.

A Make the necessary settings, and then click [OK].

#### 🔗 Note

□ Settings you make here are used as the default settings for all applications.

#### Reference

#### Making printer settings from an application

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 explains how to make settings for the WordPad application provided with Windows XP.

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

The [Print] dialog box appears.

## **2** Select the printer you want to use in the [Select Printer] list, and then click [Preferences].

**3** Make the necessary settings, and then click [OK].

#### 🖉 Note

- □ The procedure to open the **[Printing Preferences]** dialog box may vary depending on the application. For details, see the manuals provided with the application you use.
- □ Any settings you make in the following procedure are valid for the current application only.
- □ General users can change the properties displayed in the **[Print]** dialog box of an application. Settings made here are used as defaults when printing from this application.

#### Reference

## Windows Vista - Accessing the Printer Properties

#### Making printer default settings - the printer properties

#### ∰Important

- To change the printer default settings including option configuration settings, log on using an account that has Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default.
- You cannot change the printer default settings for each user. Settings made in the printer properties dialog box are applied to all users.
- On the [Start] menu, click [Control Panel].

The [Control Panel] window appears.

**2** Click [Printers] in "Hardware and Sound".

E Right - click the icon of the printer you want to use, and then click the [Properties].

Make the necessary settings, and then click [OK].

#### 🖉 Note

□ Settings you make here are used as the default settings for all applications.

Reference

For details, see the printer driver Help.

#### Making printer default settings - Printing Preferences

#### ∰Important

- You cannot change the printer default settings for each user. Settings made in the printer properties dialog box are applied to all users.
- **1** On the [Start] menu, click [Control Panel]. The [Control Panel] window appears.
- Click [Print] in "Hardware and Sound".
- E Right click the icon of the printer you want to use, and then click the [Printing Preferences...].

The [Printing Preferences] dialog box appears.

Make the necessary settings, and then click [OK].

#### 🖉 Note

□ Settings you make here are used as the default settings for all applications.

#### Reference

#### Making printer settings from an application

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 explains how to make settings for the WordPad application provided with Windows Vista.

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

The [Print] dialog box appears.

## **2** Select the printer you want to use in the [Select Printer] list, and then click [Preferences].

**3** Make the necessary settings, and then click [OK].

#### 🖉 Note

- □ The procedure to open the **[Printing Preferences]** dialog box may vary depending on the application. For details, see the manuals provided with the application you use.
- □ Any settings you make in the following procedure are valid for the current application only.
- □ General users can change the properties displayed in the **[Print]** dialog box of an application. Settings made here are used as defaults when printing from this application.

#### Reference

# 2. Mac OS Configuration

## Mac OS

This section explains how to configure a Mac OS to use EtherTalk and USB. The following explains how to configure Mac OS 9.1. If you are not using Mac OS 9.1, see the manual of the Mac OS you are using for details

#### ∰Important

□ For Mac OS 8.6 and higher. (Mac OS X Classic environment is supported.)

## 🖉 Note

□ The PostScript 3 printer driver is stored in the following folder on the CD-ROM. Mac OS 8 and 9:PS Driver: (language):Disk1

## Installing the PostScript 3 Printer Driver and PPD File

It is necessary to install a printer driver and PostScript Printer Description (PPD) files to print from a Mac OS.

Follow the procedure below to install a printer driver and a PPD file into a Mac OS using Mac OS 8.6 and higher.

PostScript 3 Printer Driver

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

**2** Double-click the CD-ROM drive icon.

**E** Double-click the [Mac OS 8 and 9] folder.

Double-click the [**PS Driver**] folder.

**D**ouble-click the folder of the language you use.

**Open [Disk1]**, and then double-click the installer icon.

**Z** Follow the instructions on the screen.

#### **PPD** Files

**1** Double-click the CD-ROM drive icon.

**2** Double-click the [Mac OS 8 and 9] folder.

Double-click the [Printer Descriptions] folder.

Double-click the folder of the language you are using.

**5** Open the [DISK1] folder.

Drag the PPD file and the plugin file into [Printer Descriptions] in [Extensions] under [System Folder].

**2** Restart the Mac OS.

## Setting Up PPD Files

#### ∰Important

- □ Make sure that the printers are connected to an AppleTalk network before performing the following procedure.
- On the [Apple] menu, click [Chooser].
- **2** Click the Adobe PS icon.
- In the [Select a PostScript Printer:] list, click the name of the printer you want to use.
- 4 Click [Create].

## **5** Click the printer you want to use, and then click [Setup].

A PPD file is set up and the Adobe PS icon appears at the left of the printer name in the list. Follow the procedure on p.44 "Setting Up Options" to make option settings; otherwise close the **[Chooser]** dialog box.

## **Setting Up Options**

On the [Apple] menu, click [Chooser].

**2** Click the Adobe PS icon.

In the [Select a PostScript Printer:] list, click the name of the printer you want to use, and then click [Setup...].

## 4 Click [Configure].

A list of options appears.

Select the option you want to set up, and then select an appropriate setting for it.

## Click [OK].

The list of options closes.

## **7** Click **[OK]**.

The [Chooser] dialog box appears.

## **Close the [Chooser]** dialog box.

#### 🔗 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.

## Installing Adobe Type Manager

#### ∰Important

Quit all applications currently running before installation. Install ATM after you restart the computer.

**1** Start a Mac OS.

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

**B** Double-click the CD-ROM drive con.

Double-click the [Mac OS 8 and 9] folder.

**Double-click the [ATM] folder.** 

**6** Double-click the ATM 4.6.2 installer icon.

**7** Follow the instructions on the screen.

**U** When the procedure is complete, restart the computer. ATM will be completely installed only after restarting.

On the [Apple] menu, open [Control Panel], and then click [~ATM].

The ATM control panel opens.

🖉 Note

□ For details about installation, see the operating instructions in the ATM folder.

## **Installing Screen fonts**

Follow the procedure below to install screen fonts.

The screen fonts described below can be found in the [Fonts] folder on the CD-ROM.

**1** Start a Mac OS.

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

The CD-ROM drive icon appears.

**3** Double-click the CD-ROM drive icon.

The contents of the CD-ROM appear.

Double-click the [Mac OS 8 and 9] folder.

**5** Double-click the **[Fonts]** folder.

**6** Double-click the **[Screen font]** folder.

## **2** Double-click the [TrueType] or [Type1] folder.

Select the font type you want to use.

## Copy the fonts you want to install in [System Folder].

A confirmation message appears.

### Click [OK].

The fonts are installed.

Restart the Mac OS.

## **Changing to EtherTalk**

Follow the procedure below to configure to a Mac OS to use EtherTalk.

**U** Open [Control Panel], and then double-click the AppleTalk icon.

2 On the [Connect via:] pop-up menu, click [Ethernet].

**1** If you change zones, select a name on the [Current zone:] pop-up menu.

## Close the AppleTalk control panel.

After making changes to the settings, click [Save].

## **5** Restart the computer.

#### 🖉 Note

- The procedures used to configure Mac OS may vary depending on the Mac OS version. The following describes how to configure Mac OS 9.1. If you are using a different version of Mac OS, use the following procedures as a reference and see the manuals for your Mac OS version.
- Confirm the Connection to the Printer with TCP/IP

#### Reference

For information about installing applications required for EtherTalk, see the Mac OS manuals.

## Mac OS X

This section explains how to configure a Mac OS X to use EtherTalk, USB and TCP/IP.

Follow the procedure below to configure Mac OS X 10.3.8. If you are not using Mac OS X 10.3.8, see the manual of the Mac OS X you are using for details.

## ∰Important

 $\Box$  For Mac OS X 10.1 or higher.

#### 🖉 Note

□ The PPD files are stored in the following folder on the CD-ROM.

Mac OS X: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.

Double-click the [Mac OS X] folder.

Double-click the [MacOSX PPD Installer] folder.

**5** Double-click the installer icon.

**6** Follow the instructions on the screen.

#### **1** Start Printer Setup Utility.

## Click [Add].

#### Mac OS X 10.4 or later

Click a printer that has "AppleTalk" indicated in the "Connection" column. If the zone is set, click **[More Printers...]**, and then select the zone from the second pop-up menu.

#### Other Mac OS X

Click **[AppleTalk]** on the first pop-up menu. If the zone is set, select the zone from the second pop-up menu.

## Select the printer, and then select its manufacturer from the [Printer Model:] pop-up menu.

Under Mac OS X 10.4 or later, you are using from the **[Print Using]** popup menu.

A list of printer types appears.

Select the PPD file for the model you are using, and then click [Add].

**5** Quit Printer Setup Utility.

## **Setting Up Options**

**U** Start System Preferences.

Click [Print & Fax].

In the [Printer] list, click the name of the printer you want to use, and then click [Printer Setup...].

Select the option you want to set up, and then select an appropriate setting for it.

**5** Click [Apply Changes].

#### 🖉 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.

**1** Start Printer Setup Utility.

## **2** Click [Add].

Mac OS X 10.4 or later 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.

Select the printer, and then select its manufacturer from the [Printer Model:] pop-up menu.

Under Mac OS X 10.4 or later, you are using from the **[Print Using]** pop-up menu.

A list of printer types appears.

Select the connected printer from the list of printer models, and then click [Add].

## **5** Quit Printer Setup Utility.

#### 🖉 Note

- When printing with a USB connection to a Macintosh computer, printer language does not change automatically. Use the control panel on this printer to change printer language to [Auto Detect] or [PS] before printing.
- □ USB2.0 can be used only with Mac OS X 10.3.3 or higher.

## Using Bonjour (Rendezvous)

Follow the procedure below to print using Bonjour (Rendezvous) under Mac OS X 10.2.3 or higher. Ethernet, wireless LAN and IEEE 1394 (IP over 1394) connections can also be used.

## **1** Start Printer Setup Utility.

#### Click [Add].

#### Mac OS X 10.4 or later

Click a printer that has "Bonjour" indicated in the "Connection" column. If the zone is set, click **[More Printers...]**, and then select the zone from the second pop-up menu.

#### Other Mac OS X

Click **[Rendezvous]** on the pop-up menu. If the zone is set, select the zone from the second pop-up menu.

## Select the name of the connected printer from the list of printer models, and then click [Add].

Under Mac OS X 10.4 or later, Installable Options window appears. Select the option you want to set up, and then select an appropriate setting for it, and then **[Continue]**.

## **4** Quit Printer Setup Utility.

#### 🖉 Note

□ When printing with a Rendezvous connection to a Macintosh computer, printer language does not change automatically. Use the control panel on this printer to change printer language to **[Auto Detect]** or **[PS]** before printing.

## **Changing to EtherTalk**

Follow the procedure below to configure a Mac OS X to use EtherTalk.

#### ∰Important

□ You need an administrator name and a password (phrase). For details, consult your network administrator

Open [System Preference], and then click the Network icon.

**2** Click [Built-in Ethernet] in the [Show:] list box.

Click the [AppleTalk] tab.

Select the [Make AppleTalk Active] check box.

• To change AppleTalk zones, select a name from the [AppleTalk Zone:] pop-up menu.

**b** When the settings are made, click [Apply Now].

#### Reference

For information about installing applications required for EtherTalk, see the Mac OS manuals.

## **Configuring the Printer**

Use the control panel to enable AppleTalk. (The default is active.)

# 3. Using PostScript 3

## **Setting Up Options**

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. The procedure to set up a printer driver varies depending on the operating system.

#### Windows

#### ∰Important

- If your system is Windows 2000, Windows XP Professional, Windows Vista, or Windows Server 2003 / 2003R2, changing printer driver settings requires Manage Printers permission. Members of Administrators and Power Users groups have Manage Printers permission by default. When you change printer driver settings, log on with an account that has Manage Printers permission.
- □ If you are using Adobe Page Maker 6.0, 6.5, or 7.0 with Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2, you have to set up options in the Adobe PageMaker's print dialog box.

You can set up any of the options using the following tabs:

Windows 2000 / XP / Vista, Win-	[Installable Options] on the [Device Settings] tab.
dows Server 2003 / 2003R2	

## 🔗 Note

□ To set up options, access the printer driver from Windows. You cannot set up options if you access the printer driver from an application.

#### ✤ Mac OS

#### ∰Important

□ If you are using Mac OS X, this functions cannot be used. You can set up all options using the **[Chooser]** dialog box.

Mac OS	For ethernet, <b>[Chooser]</b> on the Apple Menu. For USB, <b>[Change Setup]</b> from the <b>[Printing]</b> menu to open the Desktop printer.
Mac OS X	[Printer Setup] in [Print & Fax] to open the System Preferences.

## Reference

See p.36 "Making Option Settings for the Printer", p.44 "Setting Up Options" or p.48 "Setting Up Options" for the installation method appropriate to your printing environment.

## **Printing a Document**

This documentation describes the specific printer functions and menus that are added by installing the PPD file.

#### ∰Important

- □ On a Macintosh, Mac OS 8.6 or higher (Mac OS X Classic environment is supported.), or Mac OS X 10.1 or higher is required.
- □ If you are using Mac OS X 10.1.x, the following functions cannot be used:
  - Sample Print
  - Locked Print
  - Hold Print
  - Stored Print
  - Store and Normal Print / Store and Print
- 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 Normal Print / Store and Print

## 🖉 Note

- □ If you are using Mac OS X 10.2.x or higher, the Job Type function can be used.
- □ "Mac OS X" in the tables below refers to Mac OS X 10.2.3. Depending on the version, **[Feature Sets:]** is displayed as **[Set x]** (x is a number). Make adjustments according to the version you use.

## Job Type

Use this to select the type of print job.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Job Type:]</b> on the <b>[Job/Log]</b> tab in the Printing Preferences dialog box.
Mac OS	[Job Type:] on [Job Log] in the print dialog box.
Mac OS X	[Job Type:] 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.

#### 🖉 Note

- □ 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.

#### ✓ Reference

For details about how to use Sample Print, see p.57 "How to Use Sample Print".

#### Locked Print

Use this function to save documents in the machine memory with a password, and then edit and print them as you want.

#### 🖉 Note

- □ 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.

## Reference

For details about how to use Locked Print, see p.60 "How to Use Locked Print".

#### ✤ 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.

#### 🖉 Note

- □ The "User ID:" can contain up to eight alphanumeric (a- *z*, A- *Z*, 0- 9) characters.
- **D** 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.

#### PReference

For details about how to use Hold Print, see p.63 "How to Use Hold Print".

#### 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.

#### 🖉 Note

- □ The "User ID:" can contain up to eight alphanumeric (a- *z*, A- *Z*, 0- 9) characters. The "Password:" must be 4-8 digits.
- **D** 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.

#### Reference

For details about how to use Stored Print, see p.66 "How to Use Stored Print/Store and Normal Print".

#### Store and Normal Print

Use this function to prints the file at once and also stores the file in the printer.

#### 🔗 Note

- □ The "User ID:" can contain up to eight alphanumeric (a- z, A- Z, 0- 9) characters. The "Password:" must be 4-8 digits.
- **D** 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.
- □ Under Mac OS, this function is called **[Store and Print]**.

#### Reference

For details about how to use Store and Normal Print, see p.66 "How to Use Stored Print/Store and Normal Print".

#### How to Use Sample Print

Follow the procedure below to print a document using the Sample Print function.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2

## In the application, on the [File] menu, click [Print]. The [Print] dialog box appears. 22 Right-click the printer icon, and then click [Preferences] on the command menu. If you are using Windows 2000, select the printer, and then perform the following steps. Click the [Job/Log] tab. In the [Job Type:] list, click [Sample Print]. 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. Click [OK] to close the printer properties dialog box. If you are using Windows 2000, click [General] tab. **2** Set the number of copies to two or more, 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. **B** 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 a saved job, see p.59 "Deleting a Sample Print File". On the machine's control panel, press the [Printer] key to display the Printer screen. Press [Prt.Jobs]. I Select [Sample Print Jobs] using [▲] or [▼], and then press [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.

You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

## 

Enter the new number of sets using the number keys. You can enter up to 999 sets.

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

## B Press [Print].

The remaining sets are printed.

Press [Cancel] to cancel printing.

#### 🖉 Note

- □ When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the <sup>(U)</sup> key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

#### Mac OS / Mac OS X

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

The **[Print]** dialog box appears.

## **2** Set the number of copies to two or more.

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

- In the pop-up menu, click [Job Log].
- 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.

#### **()** 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 a saved job, see p.59 "Deleting a Sample Print File".

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

## Press [Prt.Jobs].

## Select [Sample Print Jobs] using [▲] or [▼], and then press [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. You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

## $\blacksquare$ Select the file you want to print using [ $\blacktriangle$ ] or [ $\checkmark$ ], and then press [Print].

Enter the new number of sets using the number keys. You can enter up to 999 sets. Press **[Clear/Stop]** to correct any entry mistakes.

## Press [Print].

The remaining sets are printed.

Press [Cancel] to cancel printing.

## 🔗 Note

- □ When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the U key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

Deleting a Sample Print File

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.

## Press the [Printer] key to display the Printer screen.

## **2** Press [Prt.Jobs].

## Select [Sample Print Jobs] using [▲] or [▼], and then press [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.

#### Select the file you want to delete using [▲] or [▼], and then press [Delete]. The delete confirmation screen will appear

The delete confirmation screen will appear.

## **5** Press [Delete] to delete the file.

The selected file is deleted.

If you do not want to delete the file, press [Cancel].

#### How to Use Locked Print

Follow the procedure below to print a document using the Locked Print function.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2

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

The [Print] dialog box appears.

**2** Right-click the printer icon, and then click [Preferences] on the command menu.

If you are using Windows 2000, select the printer, and then perform the following steps.

**U** Click the [Job/Log] tab.

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

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.

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

If you are using Windows 2000, click the [General] tab.

#### **U** 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 document, see p.62 "Deleting a Locked Print File".

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

### Press [Prt.Jobs].

A list of print files stored in the machine appears.

## W Select [Locked Print Jobs] using [▲] or [▼], and then press [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.

You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

#### **W** Select the file you want to print using [ $\blacktriangle$ ] or [ $\checkmark$ ], and then press [Print].

The password screen appears.

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

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 you forget your password, ask your network administrator for help.

## Press [Print].

The locked file is printed.

Press [Cancel] to cancel printing.

#### 🖉 Note

- □ When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the <sup>(U)</sup> key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

Mac OS / Mac OS X

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

The [Print] dialog box appears.

**2** In the pop-up menu, click [Job Log].

On the [Job Type:] pop-up menu, click [Locked Print].

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.

## 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 document, see p.62 "Deleting a Locked Print File".

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

## Press [Prt.Jobs].

A list of print files stored in the machine appears.

## Select [Locked Print Jobs] using [▲] or [▼], and then press [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.

You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

# Select the file you want to print using [▲] or [▼], and then press [Print]. The password screen appears.

# **D** Enter the password using the number keys, and then press the [OK] key. 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 you forget your password, ask your network administrator for help.

### Press [Print].

The locked file is printed.

Press [Cancel] to cancel printing.

#### 🖉 Note

- □ When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the <sup>(U)</sup> key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

#### Deleting a Locked Print File

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

## Press the [Printer] key to display the Printer screen.

#### **2** Press [Prt.Jobs].

## **E** [Locked Print Jobs] using [▲] or [▼], and then press [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.

Select the file you want to delete using [▲] or [▼], and then press [Delete]. The password screen is displayed.

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

The delete confirmation screen appears.

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

## Delete].

The selected file is deleted.

If you do not want to delete the file, press [Cancel].

#### How to Use Hold Print

Follow the procedure below to print a document using the Hold Print function.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2

## **1** In the application, on the [File] menu, click [Print]. The [Print] dialog box appears. **2** Right-click the printer icon, and then click [Preferences] on the command menu. If you are using Windows 2000, select the printer, and then perform the following steps. **E** Click the [Job/Log] tab. In the [Job Type:] list, click [Hold Print]. In the [User ID:] box, enter a user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. File Name can also be set. The user ID associates the user with his / her jobs. Click [OK] to close the printer properties dialog box. If you are using Windows 2000, click [General] tab. **2** 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 document, see p.65 "Deleting a Hold Print File". 🖸 On the machine's control panel, press the [Printer] key to display the Printer screen. Press [Prt.Jobs]. W Select [Hold Print Jobs] using [▲] or [▼], and then press [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. You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen". Select the file you want to print using [▲] or [▼], and then press [Print]. The confirmation screen appears. Press [Print].

The Hold Print file is printed. Press **[Cancel]** to cancel printing.

### 🔗 Note

- □ When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the <sup>()</sup>/<sub>U</sub> key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

#### Mac OS / Mac OS X

 From an application, on the [File] menu, click [Print]. The [Print] dialog box appears.
 In the pop-up menu, click [Job Log].

- On the [Job Type:] pop-up menu, click [Hold Print].
- In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. File Name can also be set.

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

#### • 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 document, see p.65 "Deleting a Hold Print File".

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

#### Press [Prt.Jobs].

## Select [Hold Print Jobs] using [▲] or [▼], and then press [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.

You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

## Select the file you want to print using [▲] or [▼], and then press [Print].

The confirmation screen appears.

## Press [Print].

The Hold Print file is printed.

Press [Cancel] to cancel printing.

#### 🔗 Note

- **D** When printing is completed, the stored file will be deleted.
- □ To stop printing after printing has started, press the U key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.

#### Deleting a Hold Print File

- Press the [Printer] key to display the Printer screen.
- **2** Press [Prt.Jobs].
- **3** Select [Hold Print Jobs] using [▲] or [▼], and then press [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.

Select the file you want to delete using [▲] or [▼], and then press [Delete]. The delete confirmation screen will appear.

### **5** Press [Delete] to delete the file.

The selected file is deleted.

If you do not want to delete the file, press [Cancel].

#### How to Use Stored Print/Store and Normal Print

Follow the procedure below to print a document using the Stored Print function.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2

**1** In the application, on the [File] menu, click [Print]. The [Print] dialog box appears.

**2** Right-click the printer icon, and then click [Preferences] on the command menu. If you are using Windows 2000, select the printer, and then perform the following steps.

#### Click the [Job/Log] tab.

#### 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 printer.
- 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. File Name can also be set.

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.

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

If you are using Windows 2000, click [General] tab.

#### **U** 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 document, see p.68 "Deleting a Stored Print File".

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

#### Press [Prt.Jobs].

A list of print files stored in the machine appears.

### $\blacksquare$ Select [Stored Print Jobs] using [ $\blacktriangle$ ] or [ $\checkmark$ ], and then press [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. You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

### **\square** Select the file you want to print using [ $\blacktriangle$ ] or [ $\checkmark$ ], and then press [Print].

The confirmation screen appears.

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

Enter the number of sets using the number keys.

### Press [Print].

The Stored Print file is printed.

Press [Cancel] to cancel printing.

#### 🖉 Note

- □ To stop printing after printing has started, press the <sup>(U)</sup> key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.
- □ The Stored Print file that sent to the machine is not deleted unless you delete a file or select **[Auto Delete Stored Jobs]**(see "Printer Features", General Settings Guide). For details, see p.68 "Deleting a Stored Print File".
- □ You can set or delete a password after sending files to the machine. Select the file and press **[Change]** in the Print Job List screen. To set a password, enter the new password. To delete the password, leave the password box blank on entering or confirming the new password, and press the **[OK]** key.

#### Mac OS / Mac OS X

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

The [Print] dialog box appears.

**2** In the pop-up menu, click [Job Log].

#### Con 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 printer.

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. File Name can also be set.

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 password must be entered when printing or deleting.

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

**O** Press [Prt.Jobs].

### Select [Stored Print Jobs] using [▲] or [▼], and then press [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.

You can print files also by pressing **[User ID]**. For details, see p.69 "Printing from the User ID Screen".

### $\textcircled{\bullet}$ Select the file you want to print using [ $\blacklozenge$ ] or [ $\blacktriangledown$ ], and then press [Print].

The confirmation screen appears.

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

Enter the number of sets using the number keys.

### **9** Press [Print].

The Stored Print file is printed.

Press [Cancel] to cancel printing.

#### 🖉 Note

- □ To stop printing after printing has started, press the <sup>(</sup>U key until the Printer screen appears, and then press **[Job Reset]**. The file will be deleted.
- □ The Stored Print file that sent to the machine is not deleted unless you delete a file or select **[Auto Delete Stored Jobs]**(see "Printer Features", General Settings Guide). For details, see p.68 "Deleting a Stored Print File".
- □ You can set or delete a password after sending files to the machine. Select the file and press **[Change]** in the Print Job List screen. To set a password, enter the new password. To delete the password, leave the password box blank on entering or confirming the new password, and press the **[OK]** key.

#### Deleting a Stored Print File

#### Press the [Printer] key to display the Printer screen.

### **2** Press [Prt.Jobs].

### Select [Stored Print Jobs] using [▲] or [▼], and then press [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.

# Select the file you want to delete using [▲] or [▼], and then press [Delete]. The delete confirmation screen will appear.

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

### **5** Press [Delete] to delete the file.

The selected file is deleted.

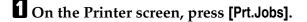
If you do not want to delete the file, press [Cancel].

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#### Printing from the User ID Screen

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

#### Printing the Selected Print Job



2 Select a type of print jobs you want to print using [▲] or [▼], and then press [User ID].

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

Select the user ID whose file you want to print using [▲] or [▼], and then press [Job List].

The print job list of the selected user ID appears.

Select the file you want to print using [▲] or [▼], and then press [Print].

The confirmation screen appears.

### **5** Press [Print].

The selected file is printed.

To cancel printing, press [Cancel].

### Reference

For details about printing each type of print job, see the followings:

p.57 "How to Use Sample Print"

p.60 "How to Use Locked Print"

p.63 "How to Use Hold Print"

p.66 "How to Use Stored Print/Store and Normal Print"

Printing All Print Jobs

#### On the Printer screen, press [Prt.Jobs].

2 Select a type of print jobs you want to print using [▲] or [▼], and then press [User ID].

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

# Select the user ID whose file you want to print using [▲] or [▼], and then press [PrintAll].

The confirmation screen appears.

### Press [Print].

The selected file is printed.

To cancel printing, press [Cancel].

#### 🖉 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 Sample Print including multiple files, the number you set on the confirmation screen is applied to all files.
- If you select Stored Print, the number you set on the confirmation screen 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.

#### Reference

For details about printing each type of print job, see the followings:

p.57 "How to Use Sample Print"

p.60 "How to Use Locked Print"

p.63 "How to Use Hold Print"

p.66 "How to Use Stored Print/Store and Normal Print"

### **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 table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[User ID:]</b> on the <b>[Job/Log]</b> tab in the Printing Preferences dialog box.
Mac OS	Select the <b>[Enable User Code]</b> check box, and then enter a user code in the <b>[User Code:]</b> box on <b>[Job Log]</b> in the print dialog box.
Mac OS X	Select the <b>[Enable User Code]</b> check box, and then enter a user code in the <b>[User Code:]</b> box on <b>[Job Log]</b> in the print dialog box.

### PReference

For details about using SmartDeviceMonitor for Admin, see Help.

### Paper Size

Use this to select the size of paper you want to use.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Paper Size:]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preference dialog box.
Mac OS	<b>[Paper:]</b> on the <b>[Page Attributes]</b> tab in the Page Setup dialog box.
Mac OS X	<b>[Paper Size:]</b> in the Page Setup dialog box.

### ✓ Reference

For details about the paper sizes supported by this machine, see General Setting Guide.

### Fit to Paper

When the size of the document and paper size differ, set whether or not to print according to paper size.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	[Fit to Paper:] on the [Advanced] tab in the Printing Preferences dialog box.
Mac OS	[Fit to Paper:] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Fit to Paper:] on the [Features x] tab 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

When the paper size is smaller than the size of document to be printed, print is adjusted to meet the paper size.

### Input Slot

Use this to select the paper sources.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Paper Source:]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preferences dialog box.
Mac OS	[Paper Source] on [General] in the print dialog box.
Mac OS X	[Paper Feed] in the print dialog box.

#### Reference

For details about the paper sources, see Printer Reference.

### Resolution

Use this to set the resolution types.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Resolutions:]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preferences dialog box.
Mac OS	<b>[Resolution]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Resolution]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

### ℅ Reference

For more information about the resolution types, see Printer Reference.

### **Orientation Override**

Use this to set the paper orientation.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Orientation Override]</b> on the <b>[Advanced]</b> tab in the Printing Preferences dialog box.
Mac OS	<b>[Orientation Override]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	[Orientation Override] on the [Features x] tab on [Printer Features] in the print dialog box.

You can select the following items:

- Off
- Landscape
- Portrait

### **Quality Setting**

#### Select the print quality.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Quality Setting]</b> on the <b>[Advanced]</b> tab the Printing Preferences dialog box.
Mac OS	<b>[Quality Setting]</b> on the <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Quality Setting]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

You can select the following items:

- Standard
- Fast
- Fine

### Level Color

Use this function to reduce the amount of toner used when printing.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Level Color]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preferences dialog box.
Mac OS	[Level Color] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Level Color] on the [Features x] tab on [Printer Features] in the print dialog box.

### Reference

For details about this function, see Printer Reference.

### **Duplex Printing**

Use this function to select duplex printing.

#### ∰Important

□ To use this function, the optional duplex unit must be installed on the machine. The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Print on Both Sides:]</b> on the <b>[Finishing]</b> tab in the Printing Preferences dialog box.
Mac OS	[Print on Both Sides] on [Layout] in the print dialog box.
Mac OS X	<ul> <li>10.3 or higher The [Two - Sided] check box on [Layout] in the print dialog box.</li> <li>Other Mac OS X The [Print on Both Sides] check box on [Duplex] in the</li> </ul>
	print dialog box.

The following items may vary depending on the operating system you are using.

#### Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2, Mac OS

#### Off

Disables Duplex Printing.

#### ✤ Long Edge

Prints output so that you can open it to the long edge when bound along the long edge.

#### Short Edge

Prints output so that you can open it to the short edge when bound along the short edge.

#### 🖉 Note

If you are using a Mac OS, click to select the button that means "Flip on Long Edge" or "Flip on Short Edge".

#### Mac OS X

The following functions are selectable under Mac OS X 10.3 or higher (for Mac OS X 10.2 or earlier, see p.75 "Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2, Mac OS"):

#### Off

Disables Duplex Printing.

#### Long-edge binding

Prints output so that you can open it to the long edge when bound along the long edge.

#### Short-edge binding

Prints output so that you can open it to the short edge when bound along the short edge.

### Collate

Use this function to enable collation. With this feature, the machine can efficiently print collated sets of multiple-page documents.

#### ∰Important

- □ To use this function, a memory unit of at least 192 MB or hard disk drive must be installed on the machine.
- □ If you are using Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2, Mac OS or Mac OS X, make sure that the following check boxes have not been selected.
  - Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2 The **[Collate]** check box on the **[Paper/Quality]** tab in the Printing Preferences dialog box.
  - Mac OS The **[Collate]** check box in the print dialog box.
  - Mac OS X The **[Collate]** check box on **[Copies & Pages]** in the printer dialog box.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Collate]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preferences dialog box.
Mac OS	<b>[Collate]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Collate]</b> on the <b>[Feature x]</b> tab on <b>[Printer Feature]</b> in the printer dialog box.

### Paper Type

Use this to select the paper type.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	[Media Type:] on the [Paper/Quality] tab in the Printing Preference dialog box.
Mac OS	<b>[Paper Type:]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Paper Type]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

#### Reference

For details about the media type supported by this machine, see General Setting Guide.

### Watermark

Set the Watermark function.

Windows 2000 / XP / Vista, Win-	[Watermark:] on the [Advanced] tab in the Printing Prefer-
dows Server 2003 / 2003R2	ences dialog box.

#### 🖉 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2.

### Watermark Text

Select the Watermark Text type.

Windows 2000 / XP / Vista, Win-	[Watermark Text:] on the [Advanced] tab in the Printing
dows Server 2003 / 2003R2	Preferences dialog box.

#### 🖉 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2.

### Watermark Font

Select the Watermark Font type.

Windows 2000 / XP / Vista, Win-	[Watermark Font:] on the [Advanced] tab in the Printing
dows Server 2003 / 2003R2	Preferences dialog box.

### 🖉 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2.

### Watermark Size

Select the Watermark size.

Windows 2000 / XP / Vista, Win-	[Watermark Size:] on the [Advanced] tab in the Printing
dows Server 2003 / 2003R2	Preferences dialog box.

### 🔗 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2.

### Watermark Angle

Select the Watermark angle.

#### Important

□ This item is only for portrait, not for landscape.

Windows 2000 / XP / Vista, Win-	[Watermark Angle:] on the [Advanced] tab in the Printing
dows Server 2003 / 2003R2	Preferences dialog box.

#### 🖉 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003R2.

### Watermark Style

Select the Watermark style.

Windows 2000 / XP / Vista, Win-	[Watermark Style:] on the [Advanced] tab in the Printing
dows Server 2003 / 2003R2	Preferences dialog box.

#### 🖉 Note

When using this function under Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP, Windows Server 2003 / 2003R2.

### **Color Mode**

Use this to select whether the document is printed in color or black and white.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Color Mode]</b> on the <b>[Color]</b> tab in the Printing Preferences dialog box.
Mac OS	<b>[Color Mode]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Color Mode]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

You can select the following items:

#### Color

Prints color documents in full color.

#### 🖉 Note

- □ Color images will be printed using CMYK toner, Cyan, Magenta, Yellow and Black. CMYK are three primary subtractive colors.
- □ If you want to adjust the print color, adjust the settings in the Advanced dialog box accessed from the Advanced button on the **[Paper/Quality]** tab.

#### Black and White

Prints everything, including color documents, in black and white. Black and White printing is faster than Color printing. To stop black and white areas being printed with CMYK toner, select **[Black and White]** in the printer driver as well as in the application.

### **Color Setting**

Use this to select the correction method used for color conversion.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Color Setting:]</b> on the <b>[Advanced]</b> tab in the Printing Preferences dialog box.
Mac OS	[Color Setting:] on [Printer Specific Options] in the print dialog box.
Mac OS X	<b>[Color Setting:]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

You can select the following items:

#### Off

No modification to the color setting.

#### ✤ Fine

Select this setting to perform color matching based on one of the printer's built- in color rendering dictionaries and perform CMYK conversion. This setting performs the printing which output target is Monitor  $\gamma = 1.8$ .

#### Super Fine

Select this setting to use a color rendering dictionary as in the "Fine" setting but produce output that is more vivid. Use this setting to emphasize light colors. This setting performs the printing which output target is Monitor  $\gamma = 2.2$ .

#### 🖉 Note

□ The color rendering dictionary that is selected in the "Color Profile" setting is used.

Use this to select a color rendering dictionary (CRD). The CRD is referred to color matching, so you should select the appropriate CRD for the document you are printing. The selected CRD is also referred to when [Fine] or [Super Fine] is selected for "Color Setting:". The following items are available: [Auto],[Photographic], [Presentation] and [Solid Color].

### **Color Profile**

Use this to select the color profile pattern.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Color Profile]</b> on the <b>[Advanced]</b> tab in the Printing Preferences dialog box.
Mac OS	[Color Profile] on [Printer Specific Options] in the print dia- log box.
Mac OS X	<b>[Color Profile]</b> on the <b>[Features x]</b> tab on <b>[Printer Features]</b> in the print dialog box.

You can select the following items:

#### Auto

Use this setting to configure the best color profile pattern automatically depending on the appearance of the document to be printed.

#### Photographic

Use this setting to enhance the reproduction of photos and graphics that include midtones.

#### Presentation

Use this setting to enhance the reproduction of documents that contain text and graphics. This CRD is best for printing colored charts, graphs, presentation materials and so on. If you use this CRD for printing photographs, the color or gradations might not be reproduced well.

#### Solid Color

Use this setting to print specific colors, logos and so on.

#### User Setting

Use this setting to print images with downloaded CRD from your application.

#### 🖉 Note

Use this to select a color rendering dictionary (CRD). The CRD is referred to color matching, so you should select the appropriate CRD for the document you are printing. The selected CRD is also referred to when [Fine] or [Super Fine] is selected for "Color Setting:". The following items are available: [Auto],[Photographic], [Presentation] and [Solid Color].

### **Gray Reproduction**

Use this to select the Black Color mode for text and line art.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Gray Reproduction (Text/Line Art)]</b> on <b>[Advanced Options]</b> on the <b>[Color]</b> tab in the Printing Preferences dialog box.
Mac OS	[Gray Reproduction (Text/Line Art):] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Gray Reproduction (Text/Line Art):] on the [Features x] tab on [Printer Features] in the print dialog box.

You can select the following items:

#### Black/Gray by K

Prints black using gray.

#### Black by K

Prints using black toner

✤ CMY+K

Prints using all toner colors.

Black/Gray by K (Text only) Prints black text in gray.

#### Black by K (Text only)

Prints text using black toner.

### Dithering

Use this to set the Image Rendering mode.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	[Dithering:] on the [Advanced]] tab in the Printing Preferences dialog box.
Mac OS	<b>[Dithering:]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	[Dithering:] on the [Features x] tab 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.

#### PhotographicPhotographic

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.

### **CMYK Simulation Profile**

You can simulate the color tone of the printing ink.

You can select the printing ink from US OffsetPrint, Euroscale and JapanColor.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[CMYK Simulation Profile:]</b> on the <b>[Advanced]</b> tab in the Printing Preferences dialog box.
Mac OS	<b>[CMYK Simulation Profile:]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	[CMYK Simulation Profile:] on the [Features x] tab on [Printer Features] in the print dialog box.

### Image Smoothing

Use this to select the image smoothing type.

The following table shows the tabs or menus where you can select this function.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	<b>[Image Smoothing:]</b> on the <b>[Advanced]</b> tab in the Printing Preferences dialog box.
Mac OS	[Image Smoothing:] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Image Smoothing:] on the [Features x] tab on [Printer Fea- tures] in the print dialog box.

#### ✤ 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 - 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.

### Separate into CMYK

Use this to select the print separation type.

You can separate the printing data into CMYK to specify a specific color combination.

Windows 2000 / XP / Vista, Win- dows Server 2003 / 2003R2	[Separate into CMYK and print in color(s)] on the [Advanced] tab in the Printing Preferences dialog box.
Mac OS	[Separate into CMYK:] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Separate into CMYK:] on the [Features x] tab on [Printer Fea- tures] in the print dialog box.

# 4. Printer Utility for Mac

By using Printer Utility for Mac, you can download fonts, change the name of the printer and so on.

## Installing Printer Utility for Mac

Follow these steps to install Printer Utility for Mac on the machine.

### ∰Important

If a Macintosh and printer are connected by USB, you cannot use Printer Utility for Mac.

**1** Start the Mac OS.

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

The CD-ROM icon appears.

### **3** Double-click the CD-ROM icon.

The contents of the CD-ROM appear.

### Double-click the [Mac OS] folder.

Under Mac OS X, double-click the [Mac OS X] folder.

Double-click the [PS Utility] folder on the CD-ROM, and then drag the [Printer Utility for Mac] file, and then drop it into the Macintosh hard disk.

Drag the CD-ROM icon and drop it into [Trash] to eject the CD-ROM.

Printer Utility for Mac is installed.

### 🔗 Note

- Printer Utility for Mac is included on the CD-ROM labeled "Printer Drivers and Utilities".
- Printer Utility for Mac requires Mac OS 8.1 or higher. (Mac OS X Classic environment is supported.)
- **D** Printer Utility for Mac cannot use Mac OS X (native mode).

## Starting Printer Utility for Mac

The following instructions describe how to start Printer Utility for Mac.

### Mac OS

#### ∰Important

Before starting Printer Utility for Mac, make sure the printer is selected in [Chooser] on the Apple menu.

Double-click the Printer Utility for Mac icon. The [Printer Utility for Mac] dialog box appears.

### **2** Click **[OK]**.

Printer Utility for Mac will take a few seconds to start.

### Mac OS X

**1** Double-click the Printer Utility for Mac icon.

The [Printer Utility for Mac] dialog box appears.

### Click [OK].

In the [Available Printers:] box, select the printer you want to use.

If you change zones, select a name from [Available Network Zones:].

Click **[Choose Printer...]** on the Printer Utility for Mac menu if you want to change the printer.

#### Select the printer you want to use.

Printer Utility for Mac will take a few seconds to start.

### **5** Click [Choose].

## **Printer Utility for Mac Functions**

Printer Utility for Mac functions are described below.

#### File menu

• [Download PS Fonts...]

Download fonts (PostScript Type 1) to the printer. See p.88 "Downloading PS Fonts".

- [Display Printer's Fonts...] Display and delete the fonts in printer memory and the printer's hard disk drive. See p.88 "Displaying Printer's Fonts".
- [Initialize Printer's Disk...] Initialize the printer's hard disk drive. See p.89 "Initializing the Printer Disk".
- **[Page Setup...]** Set up the paper size to print "Printer Font Catalog" and "Printer Font Sample". See p.90 "Page Setup".
- **[Print Fonts Catalog...]** Print the names of available fonts. See p.90 "Printing Fonts Catalog".
- [Print Fonts Sample...] Print a sample of fonts. See p.90 "Printing Fonts Sample".
- [Rename Printer...] Change the printer's name when viewed via Appletalk. See p.91 "Renaming the Printer".
- **[Restart Printer]** Restart the printer. See p.92 "Restarting the Printer".

#### ✤ Utility menu

- [Download PostScript File...] Download a PostScript file. See p.92 "Downloading PostScript Files".
- [Select Zone...] Change the zone to which the printer belongs to via Appletalk. See p.93 "Selecting the Zone".
- **[Display Printer Status...]** Display the status of the printer. See p.94 "Displaying the Printer Status".
- **[Launch Dialogue Console...]** Create and edit a PostScript file, and then download it to the printer. See p.94 "Launching the Dialogue Console".

### **Downloading PS Fonts**

You can download the PS fonts to the printer's memory or hard disk drive.

#### Important

- □ The following procedures to download the fonts assume that you are a system administrator. If you are not, be sure to consult your system administrator.
- □ If the printer restarts, all the printer settings return to their defaults.
- Confirm that a Mac OS and the printer are connected with Appletalk.
- During the download, do not turn off the power switch, operate the panel or open or close the cover.
- Select [Download PS Fonts...] on the [File] menu.

#### **2** Click [Add to list].

The dialog box to select fonts appears.

- Click to select the desired font files, and then click [Open]. The list of selectable font names appears.
- After adding all the fonts you want to download, click [OK].

The dialog box of selected fonts to download appears.

#### Click [Download].

The fonts begin to download, and the download status is shown.

### **1** When the completion message appears, click [OK].

#### Click [Cancel].

#### Note

- □ Some fonts cannot be downloaded.
- Before downloading, read the documentation about the fonts you want to use.

### **Displaying Printer's Fonts**

You can display the available fonts currently downloaded to the printer. Fonts in the printer's memory and hard disk drive can be displayed.

#### Select [Display Printer's Fonts...] on the [File] menu.

A dialog box appears.

Select [Printer's memory] or [Printer's disk].

### Click [OK].

- Note
- □ The fonts displayed in italics are the default fonts.

### **Deleting Fonts**

You can delete fonts from the printer's memory or hard disk drive.

### ∰Important

□ You cannot delete the fonts displayed in italic.

Select [Display Printer's fonts] on the [File] menu. A dialog box appears.

**2** Select [Printer's memory] or [Printer's disk].

**3** Select the fonts you want to delete.

Click [Delete].

A confirmation message appears.

Confirm the fonts you want to delete and the printer name from which you want to delete the fonts.

Click [Continue], and then click [OK].

Click [OK].

### **Initializing the Printer Disk**

When initializing the printer's hard disk drive, all the fonts downloaded to the printer's hard disk drive are deleted. Before initializing, be sure to check the fonts on the hard disk drive.

### ∰Important

- When initializing the printer's hard disk drive from the operation panel, all of the data on the printer's hard disk drive is deleted. Before initializing, be sure to check the data on the hard disk drive.
- Do not turn off the power switch until initializing is completed, otherwise the hard disk drive might be damaged.

### Select [Initialize Printer's Disk...] on the [File] menu.

The confirmation message appears.

To cancel initialization, click [Cancel].

**2** Click [Execute].

Initializing starts.

**3** When the completion message appears, click [OK].

### Page Setup

You can set the paper size on which to print "Print Fonts Catalogue" and "Prints Fonts Sample".

Select [Page Setup...] on the [File] menu.

**2** Choose the paper size.

### **Printing Fonts Catalog**

Print the names of fonts available on the printer.

Select [Print Fonts Catalog...] on the [File] menu.

**2** Click [Print].

🖉 Note

□ The paper selected under **[Page Setup]** is used.

### **Printing Fonts Sample**

You can print samples of fonts downloaded to the hard disk drive or memory.

Select [Print Fonts Sample...] on the [File] menu.

### **2** Click [Print].

🖉 Note

□ Print by using the paper selected on [Page Setup].

### **Renaming the Printer**

You can change the printer name displayed under Appletalk. If you connect several printers on the network, assign different names so you can identify them. If several printers have the same name, a digit appears next to the printer name in **[Chooser]**.

#### ∰Important

- □ You can enter up to 31 digits and letters.
- □ Do not use symbols, for example "\*", ":", "=", "@", "~".

Mac OS

On the [File] menu, click [Rename Printer...].

**2** In the [New Name:] filed enter a new name.

**3** Click [Rename].

The printer name is changed.

Click [OK].

**5** On the Apple menu, click [Chooser].

Click the [AdobePS] icon.

Select the printer whose name you changed, and then close the [Chooser] dialog box.

If there are several Appletalk zones, select the zone the machine belongs to.

Mac OS X

On the [File] menu, click [Rename Printer...].

- **2** In the [New name:] filed enter a new name.
- Click [Rename].

The printer name is changed.

4 Click [OK].

On the [Printer Utility for Mac] menu, click [Choose Printer...].

**1** In the [Available Network Zones:] list, select the zone for the Macintosh in use.

In the [Available Printers:] list, select the printer whose name you changed, and then click [Choose].

### **Restarting the Printer**

You can restart the printer.

- Select [Restart Printer] on the [File] menu.
- **2** Confirm the message that appears on the screen, and then click [Restart]. The printer restarts.

The fonts that you downloaded in the printer's memory will be deleted. If the printer restarts, all the printer settings return to their defaults.

### **Downloading PostScript Files**

You can download a Postscript file to the printer.

- Select [Download PostScript File...] on the [Utility] menu.
- 2 Select the file name to download and click the file name, and then click [Open].
- **3** Type the log file name, and then click [Save...].

The selected file is downloaded.

Errors are recorded in the log file.

## Selecting the Zone

You can change the zone to which the printer belongs under Appletalk.

#### ∰Important

**D** Confirm that a Macintosh and printer are connected with Appletalk.

Mac OS	
<b>1</b> On the [Utility] menu, click [Select Zone]. The zone to which the printer belongs and the available zone list appear.	
<b>2</b> Select the zone in which you want to locate the printer, and then click [Change]. A confirmation message appears.	
Click [Continue]. A confirmation message appears.	
Click [OK].	
On the Apple menu, click [Chooser].	
Click the [AdobePS] icon.	
<b>7</b> In the [Appletalk zone:] list, select the zone you changed.	
In the [Select a PostScript Printer:] list, select the printer you want to use.	
Close the [Chooser] dialog box.	
Mac OS X	
<b>1</b> On the [Utility] menu, click [Select Zone].	
The zone to which the printer belongs and the available zone list appear.	
<b>2</b> Select the zone which you want to locate the printer in, and then click [Change]. A confirmation message appears.	
Click [Continue].	
A confirmation message appears.	
4 Click [OK].	
<b>5</b> On the [Printer Utility for Mac] menu, click [Choose Printer].	
In the [Available Network Zones:] list, select the zone you changed.	
<b>7</b> In the [Available Printers:] list, select the model of printer in use, and then click [Choose].	

### **Displaying the Printer Status**

You can display and confirm the current status of the printer.

#### Select [Display Printer Status...] on the [Utility] menu.

The current status of the printer appears.

#### **2** Confirm the current status of the printer.

You can confirm the memory capacity, the VM (Virtual Memory) space, the hard disk drive status and available space on the hard disk drive. You can also confirm the zone to which the printer belongs to.

### Click [OK].

### Launching the Dialogue Console

You can create and edit a PostScript file for printing, and then download it to the printer.

#### ∰Important

- "Launch Dialogue Console" is recommended for users with an understanding of PostScript.
- Do not download any file other than PostScript files to the printer.
- □ "Launch Dialogue Console" must be used at your own responsibility.

#### Select [Launch Dialogue Console...] on the [Utility] menu.

Open the editing screen. The Dialogue Console menu bar appears.

### **2** Type the PostScript command in the editor screen.

To edit a PostScript file, select [Open] on the [File] menu to open it.

You can search or replace a character string by using the [Search] menu.

# After editing the PostScript file, select [Download Top Window] on [Console] menu to start printing.

The PostScript file is sent to the printer.

The [Reply from Printer] box opens, depending on the PostScript file you sent.

### Select [Return To Main Menu] on the [Console] menu to close the PostScript file.

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PostScript 3 Supplement



