PostScript 3 Supplement

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 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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Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights in those marks.
The proper names of the Windows operating systems are as follows:
* The product name of Windows 95 is Microsoft® Windows® 95.
* The product name of Windows 98 is Microsoft® Windows® 98.
* The product name of Windows Me is Microsoft® Windows® Millennium Edition (Windows Me).
* The product names of Windows 2000 are as follows:
  Microsoft® Windows® 2000 Professional
  Microsoft® Windows® 2000 Server
  Microsoft® Windows® 2000 Advanced Server
* The product names of Windows XP are as follows:
  Microsoft® Windows® XP Home Edition
  Microsoft® Windows® XP Professional
  Microsoft® Windows® XP Media Center Edition
  Microsoft® Windows® XP Tablet PC Edition
* The product names of Windows Vista are as follows:
  Microsoft® Windows Vista™ Ultimate
  Microsoft® Windows Vista™ Enterprise
  Microsoft® Windows Vista™ Business
  Microsoft® Windows Vista™ Home Premium
  Microsoft® Windows Vista™ Home Basic
* The product names of Windows Server 2003 are as follows:
  Microsoft® Windows Server® 2003 Standard Edition
  Microsoft® Windows Server® 2003 Enterprise Edition
  Microsoft® Windows Server® 2003 Web Edition
  Microsoft® Windows Server® 2003 Datacenter Edition
* The product names of Windows Server 2003 R2 are as follows:
  Microsoft® Windows Server® 2003 R2 Standard Edition
  Microsoft® Windows Server® 2003 R2 Enterprise Edition
  Microsoft® Windows Server® 2003 R2 Datacenter Edition
* The product names of Windows NT® 4.0 are as follows:
  Microsoft® Windows NT® Workstation 4.0
  Microsoft® Windows NT® Server 4.0

Note

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.

- The printed and electronic versions of a manual have the same contents.

- Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.

- A Web browser must be installed in order to view the html manuals.

About This Machine

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, and other consumables.

Copy/Document Server Reference

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

Facsimile Reference

Explains Facsimile functions and operations.

Printer Reference

Explains Printer functions and operations.

Scanner Reference

Explains Scanner functions and operations.

Network Guide

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

General Settings Guide

Explains User Tools settings, and Address Book procedures such as registering 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 the following settings:

- Install the Server 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.

Information

Contains general notes on the machine, and information about the trademarks of product names used in the manuals.

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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2. Mac OS Configuration

3. Using PostScript 3

How to Read This Manual

Symbols

This manual uses the following symbols:

⚠WARNING

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

⚠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.

About IP Address

In this manual, "IP address" covers both IPv4 and IPv6 environments. Read the instructions that are relevant to the environment you are using.

1. Windows Configuration

Using the DeskTop Binder-SmartDeviceMonitor for Client Port

Installing DeskTop Binder-SmartDeviceMonitor for Client

⭐ **Important**

- To install DeskTop Binder-SmartDeviceMonitor for Client under Windows 2000 / XP Professional / Vista and Windows Server 2003 / 2003 R2, you must have an account that has Manage Printers permission. Log on as an Administrator.

- Install DeskTop Binder-SmartDeviceMonitor for Client before installing the printer driver when using the DeskTop Binder-SmartDeviceMonitor for Client port.

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

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

   The installer starts.

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

   The default interface language is English.

4. **Click [DeskTopBinder SmartDeviceMonitor for Client].**

5. **Select an interface language, and then click [Next >].**

   The default interface language is English.

6. **The message to quit all other applications appears. Quit all applications, and then click [Next >].**

7. **The software license agreement appears in the [License Agreement] dialog box. After reading through its contents, click [Yes].**

8. **Click [Full install] or [Custom install].**

   [Full install] installs all required applications: DeskTopBinder Lite and SmartDeviceMonitor for Client.

   [Custom install] installs selected applications.

9. **Follow the instructions on the display and click [Next >] to proceed to the next step.**

10. **After the installation is completed, select one of the options to restart the computer either now or later, and click [Complete].**

    Restart the computer to complete installation.

1

⬇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 95 / 98 / Me - TCP/IP)

⭐Important

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

- If your operating system is Windows 95 / 98 / Me, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

   Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

   Save it where you can locate it easily.

   [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

   Add Printer Wizard starts.

4. **Click [Next >].**

5. **Click [Local Printer], and then click [Next >].**

   A dialog box for selecting the printer manufacturer and model name appears.

6. **Select the name of the machine whose driver you want to install, and then click [Next >].**

7. **In the [Available ports:] box, click [Printer Port], and then click [Next >].**

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

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

9. **Specify whether or not to print a test page, and then click [Finish].**

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

    The [Printers] window appears.

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

12. **On the [Details] tab, click [Add Port...].**

13. Click [DeskTop Binder - SmartDeviceMonitor] in the [Other] list, and then click [OK].

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

A list of printers using TCP/IP appears.

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

You cannot add an IP address partially similar to the one already used. For example, if "192.168.0.2" is in use, "192.168.0.2xx" cannot be used. Similarly, if "192.168.0.20" is in use, "192.168.0.2" cannot be used.

16. Check that the selected port is highlighted in [Print to the following port], and then click [OK].

17. 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.

Installing the PostScript 3 Printer Driver (Windows 95 / 98 / Me - IPP)

⭐ Important

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

- If your operating system is Windows 95 / 98 / Me, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. Download the PostScript 3 printer driver from the supplier's web site.

Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

Save it where you can locate it easily.

[Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

The installer starts.

2. Click the [Saved file] folder, and then click [Disk1].

3. Double-click [SETUP.EXE].

Add Printer Wizard starts.

4. Click [Next >].

1

5. **Click [Local Printer], and then click [Next >].**

   A dialog box for selecting the printer manufacturer and model name appears.

6. **Select the name of the machine whose driver you want to install, and then click [Next >].**

7. **In the [Available ports:] box, click [Printer Port], and then click [Next >].**

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

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

9. **Specify whether or not to print a test page, and then click [Finish].**

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

    The [Printers] window appears.

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

12. **On the [Details] tab, click [Add Port...].**

13. **Click [DeskTop Binder - SmartDeviceMonitor] in the [Other] list, and then click [OK].**

14. **Click [IPP].**

15. **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.

16. **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.

17. **Click [Detailed Settings] to configure proxy server, IPP user name, and other settings. Make these settings, and then click [OK].**

18. **Click [OK].**

19. **Check that the selected port is highlighted in [Print to the following port], and then click [OK].**

20. **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.

1

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.

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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

8. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

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

   A list of printers using TCP/IP appears.

10. **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.

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

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

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

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

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

15. **Click [Finish].**

    The printer driver installation starts.

1

↓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.

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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

8. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

9. **Click [IPP].**

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

11. **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.

12. **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 DeskTop Binder-SmartDeviceMonitor for Client Help.

13. **Click [OK].**

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

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

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

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

18. **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 XP, Windows Server 2003 / 2003 R2 - TCP/IP)

⭐ **Important**

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

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

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

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

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

    The installer starts.

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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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

8. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

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

   A list of printers using TCP/IP appears.

10. **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.

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

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

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

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

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

15. **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 XP, Windows Server 2003 / 2003 R2 - IPP)

⭐**Important**

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

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

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

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

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

   The installer starts.

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

   The 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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

8. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

9. **Click [IPP].**

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

1

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

11. **Enter a name for identifying the 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.

12. **Click [Detailed Settings] to make necessary settings.**

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

13. **Click [OK].**

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

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

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

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

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

18. **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 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.

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.

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

   Add Printer Wizard starts.

5. **Click [Local printer attached to this computer.].**

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

7. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

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

   A list of printers using TCP/IP appears.

9. **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.

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

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

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

12. **Specify whether or not to print a test page, and then 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 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.

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.

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

   Add Printer Wizard starts.

5. **Click [Local printer attached to this computer.].**

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

7. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [Next >].**

8. **Click [IPP].**

9. **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.

10. **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.

11. **Click [Detailed Settings] to make necessary settings.**

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

12. **Click [OK].**

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

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

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

15. **Specify whether or not to print a test page, and then 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 NT 4.0 - TCP/IP)

⭐ **Important**

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

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

- If your operating system is Windows NT 4.0, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site**

    Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

    Save it where you can locate it easily.

    [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

    Add Printer Wizard starts.

4. **Select [My Computer], and then click [Next >].**

5. **Click [Add Port...].**

6. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [New Port...].**

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

    A list of printers using [TCP/IP] appears.

8. **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.

9. **Click [Close] to close the [Printer Port] dialog box.**

10. **Click [Next >].**

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

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

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

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

1

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

The printer driver installation starts.

15. **Restart the computer to complete installation if necessary.**

⬇**Note**

- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.

Installing the PostScript 3 Printer Driver (Windows NT 4.0 - IPP)

⭐**Important**

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

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

- If your operating system is Windows NT 4.0, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

Save it where you can locate it easily.

[Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

Add Printer Wizard starts.

4. **Select [My Computer], and then click [Next >].**

5. **Click [Add Port...].**

6. **Click [DeskTop Binder - SmartDeviceMonitor], and then click [New Port...].**

7. **Click [IPP].**

8. **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).

1

(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.

9. **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.

10. **Click [Detailed Settings] to make necessary settings.**

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

11. **Click [OK].**

12. **Click [Close] to close the [Printer Port] dialog box.**

13. **Click [Next >].**

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

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

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

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

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

    The printer driver installation starts.

18. **Restart the computer to complete installation if necessary.**

⬇ Note

- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.

Changing the Port Settings DeskTop Binder-SmartDeviceMonitor for Client

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

Windows 95 / 98:

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

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

3. **Click the [Details] tab, and then click [Port Settings].**

   The [Port Settings] dialog box appears.

Windows 2000 / Windows NT 4.0:

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

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

3. **On the [Ports] tab, click [Configure Port].**

   The [Port Configuration] dialog box appears.

Windows XP, Windows Server 2003 / 2003 R2:

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

   The [Printers and Faxes] window appears.

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

3. **Click the [Port] 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 DeskTop Binder-SmartDevice-Monitor for Client Help.

Windows Vista:

1. **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.

3. **Click the [Port] 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 DeskTop Binder-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 DeskTop Binder-SmartDeviceMonitor for Client, and then right-click the DeskTop Binder-SmartDeviceMonitor for Client icon on the taskbar.**

2. **Click [Extended Features Settings], and then select the [Set Recovery/Parallel Printing for each port] check box.**

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

Using the Standard TCP/IP Port

1

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 DeskTop Binder-SmartDeviceMonitor port.

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

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

   The installer starts.

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

   The 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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

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

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

10. **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 Driver C Model".

11. **Click [Next >].**

12. **Click [Finish] in the [Add Standard TCP/IP Printer Port Wizard-dialog box.**

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

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

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

15. **Click [Next >].**

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

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

18. **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 XP, Windows Server 2003 / 2003 R2)

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 DeskTop Binder-SmartDeviceMonitor port.

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

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

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

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

    The installer starts.

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

    The 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.

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

    Add Printer Wizard starts.

5. **Click [Next >].**

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

7. Click [Create a new port:].

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

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

10. 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 Driver C Model".

11. Click [Next >].

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

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

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

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

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

16. 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 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 DeskTop Binder-SmartDeviceMonitor port.

1. Quit all applications currently running.

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

The installer starts.

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

The 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.

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

   Add Printer Wizard starts.

5. **Click [Local printer attached to this printer].**

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

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

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

9. **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 Driver C Model".

10. **Click [Next >].**

11. **Click [Finish] in the [Add Standard TCP/IP Printer Port Wizard] dialog box.**

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

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

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

14. **Specify whether or not to print a test page, and then 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.

Using the LPR Port

1

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.

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,

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

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

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

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

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

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

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

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

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

15. **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 XP, Windows Server 2003 / 2003 R2)

⭐ **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 DeskTop Binder-SmartDeviceMonitor port.

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

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

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

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

   The installer starts.

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

   The 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.

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

   Add Printer Wizard starts.

5. **Select [My Computer], and then click [Next >].**

6. **Click [Local Printer attached to this computer.], and then click [Next >].**

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

8. **Click [LPR Port] in [Create a new port], and then click [Next >].**

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

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

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

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

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

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

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

15. **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 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 DeskTop Binder-SmartDeviceMonitor port.

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

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

    The installer starts.

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

    The 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.

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

    Add Printer Wizard starts.

5. **Click [Local Printer attached to this computer.].**

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

7. **Click [LPR Port] in [Create a new port], and then click [Next >].**

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

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

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

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

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

12. **Specify whether or not to print a test page, and then 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 NT 4.0)

⭐ **Important**

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

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

- If your operating system is Windows NT 4.0, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

    Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

    Save it where you can locate it easily.

    [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

    Add Printer Wizard starts.

4. **Select [My Computer], and then click [Next >].**

5. **Click [Add Port...].**

6. **Select [LPR Port], and then click [New Port...].**

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

1

8. **Enter "Ip" in the [Name of printer or print queue on that server:] box, and then click [OK].**

9. **Click [Close] to close the [Printer Port] dialog box.**

10. **Click [Next >].**

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

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

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

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

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

    The printer driver installation starts.

15. **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.

Using as the Windows Network Printer

Installing the PostScript 3 Printer Driver (Windows 95 / 98 / Me)

⭐ **Important**

- 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.

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

- If your operating system is Windows 95 / 98 / Me, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

   Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

   Save it where you can locate it easily.

   [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

   Add Printer Wizard starts.

4. **Click [Next >].**

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

6. **Click [Browse].**

7. **Click the computer name you want to use as a print server in the [Browse for Printer] window.**

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

9. **Check the location of the selected printer is shown, and then click [Next >].**

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

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

11. **Specify whether or not to print a test page, and then click [Finish].**

12. **Restart the computer.**

🔽 **Note**

- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.

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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.

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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

7. **Select the location method from the [Locate Your Printer] screen, and then click [Next >].**

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

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

10. **The printer driver installation starts.**

11. **Click [Next >].**

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

12. **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 / 2003 R2)

⭐**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 / 2003 R2 print server, DeskTop Binder-SmartDeviceMonitor notification functions may not be possible for the client.

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

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

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

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

   The installer starts.

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

   The 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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

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

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

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

10. **The printer driver installation starts.**

11. **Click [Next >].**

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

12. **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 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, DeskTop Binder-SmartDeviceMonitor notification functions may not be possible for the client.

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

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

The installer starts.

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

The 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.

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

Add Printer Wizard starts.

5. **Click [A network printer, or a printer attached to another computer].**

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

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

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

9. **The printer driver installation starts.**

10. **Click [Next >].**

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

11. 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 NT 4.0)

⭐**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.

* To print from a Windows NT 4.0 print server, install the printer driver before you connect the print server to the printer.

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

* If your operating system is Windows NT 4.0, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. Download the PostScript 3 printer driver from the supplier's web site

Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

Save it where you can locate it easily.

[Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. Click the [Saved file] folder, and then click [Disk1].

3. Double-click [SETUP.EXE].

Add Printer Wizard starts.

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

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

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

7. Specify whether or not to set default printer, and then click [Next >].

1

8. **Specify whether or not to print a test page, and then 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.

Using the WSD port

This section explains installation when using the WSD port.

⭐**Important**

- **The WSD Port can be used only under Windows Vista.**

- **To install under Windows Vista, you must have an account that has Manage Printers permission. Log on as an Administrator.**

- **If the machine is connected using the WSD port, bi-directional communication is not possible. For details about bi-directional communication, see "Making Option Settings for the Printer".**

- **You can connect to the machine only if both the machine and computer are on the same network segment, or Windows Vista "Network discovery" is enabled. For details, see Windows Help.**

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

2. **Click [Start], and then click [Network].**

   The [Network] window appears, and the device search begins automatically.

3. **Using as the NetWare Print Server / Remote Printer**

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

   The [Found New Hardware] dialog box appears.

4. **Click [Locate and install driver software (Recommended)].**

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

   The [Found New Hardware] window appears.

5. **Click [Don't search online].**

6. **Click [Browse my computer for driver software (advanced)].**

7. **Insert the provided CD-ROM into the computer's CD-ROM drive.**

   If the [AutoPlay] dialog box appears, click the [close] button and then proceed to step 8.

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

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

1

9. **Click [Next].**

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

10. **Click [Close].**

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

Note

- The port name that follows "WSD" uses random character strings. It cannot be changed freely.

- To stop the installation, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the machine's icon in the [Network] window, and then click [Uninstall].

Reference

- p.58 "Making Option Settings for the Printer"

Using as the NetWare Print Server / Remote Printer

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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 [PostScript] tab.**

   When using Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2 or Windows NT 4.0, click the [Device Settings] tab, and then proceed to step to clear the check box.
3. **Click [Advanced].**
4. **Clear the [Send CTRL+D before job] and [Send CTRL+D after 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.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the supplier's Web site.
- If your operating system is Windows Me, Windows XP Pro x64, or Windows Server 2003 / 2003 R2 x64, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

Windows Me - USB

⭐ **Important**

- Installation via USB is not possible under Windows 98. Upgrade to Windows Me or later.
- Download USB Printing Support and Printer Driver for Windows Me from the supplier's Web site.

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

1. **Download USB Printing Support from the supplier's web site**

   Use a search to find the name of your model, and then download USB Printing Support from the supplier's web site.

   Save it where you can locate it easily.

2. **Download the printer driver from the supplier's Web site, and then extract it.**

   Extract it where you can locate it easily.

3. **Connect the printer and computer using the USB cable.**

   Connect the USB cable firmly. Click [Next >].

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

5. **Select the [Specify a location:] check box, and then click [Browse...].**

   The [Browse for Folder] dialog box appears.

6. **Specify the location where USB Printing Support is located, and then click [Next >].**

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7. **Check the location, and then click [Next >].**

   USB Printing Support is installed.

8. **Click [Finish].**

   If the printer driver is already installed, plug and play is enabled, and the icon of the printer connected to the "USB001" port will be added to the [Printers] window. Click [Next >].

9. **Install the printer driver. Click [Search for the best driver for your device. [Recommended]], and then click [Next >].**

10. **Select the [Specify a location:] check box, and then click [Browse...].**

    The [Browse for Folder] dialog box appears.

11. **Specify the location where the source files of the printer driver are stored, and then click [Next >].**

12. **Check the location, and then click [Next >].**

    The Add Printer Wizard starts.

13. **Click [Finish].**

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

⬇ Note

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

- It is not necessary to reinstall USB Printing Support if you connect a different printer via USB when USB Printing Support is installed.

- After installing USB Printing Support, if the printer driver is not installed, follow the plug-and-play instructions of the printer.

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.

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

   Connect the USB cable firmly.

1

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

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

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

5. **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.

6. **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\PS\XP_VISTA\(Language)\DISK1

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

8. **Click [Next >].**

9. **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.

⬇ **Note**

- 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 / 2003 R2 - 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. **Connect the machine to the computer using the USB cable.**

   Connect the USB cable firmly.

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2. **In the Found New Hardware Wizard display, click Install the software automaticary (Recommended), and then click [Next >].**

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

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

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

4. **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\PS\XP_VISTA\(Language)\DISK1

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

6. **Click [Continue].**

7. **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.

1

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

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

3. **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.

Troubleshooting for using USB

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

⬇️Note

- When using Windows 2000 / XP or Windows Server 2003 / 2003 R2, an erroneous device is displayed under [USB Controller] in the [Device Manager] dialog box.

Printing with Parallel Connection

To use a machine connected using a parallel interface, click [LPT1] when installing the printer driver.

Installing the PostScript 3 Printer Driver (Windows 95 / 98 / Me)

⭐**Important**

- You can install the printer driver from the CD-ROM provided with this machine or download it from the supplier's Web site.
- If your operating system is Windows 95 / 98 / Me, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

   Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

   Save it where you can locate it easily.

   [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1]**

3. **Double-click [SETUP.EXE].**

   Add Printer Wizard starts.

4. **Click [Next >].**

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

   A dialog box for selecting the printer manufacturer and model name appears.

6. **Select the name of the machine whose printer driver you want to install, and then click [Next >].**

7. **In the [Available ports:] box, click [Printer Port], and then click [Next >].**

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

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

9. **Specify whether or not to print a test page, and then click [Finish].**

10. **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.

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.

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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

   A dialog box for selecting the printer manufacturer and model name appears.

7. **Select [LPT1] at the [Printer Port] dialog box, and then click [Next >].**

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

9. **Select the name of the machine whose driver you want to install, and then click [Next >].**

10. **Select whether or not you want to print a test page, and then click [Finish].**

    The printer driver installation starts.

11. **Restart the computer to complete installation if necessary.**

🔽 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 / 2003 R2)

1

⭐ **Important**

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

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

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

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

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

   The installer starts.

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

   The 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.

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

   Add Printer Wizard starts.

5. **Click [Next >].**

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

7. **Select the port you want to use, and then click [Next >].**

   A dialog box for selecting the printer manufacturer and model name appears.

8. **Select the name of the machine whose driver you want to install, and then click [Next >].**

9. **Click [Close] to close the [Printer Port] dialog box.**

10. **Click [Next >].**

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

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

13. **Specify whether or not to print a test page, and then click [Finish].**

   The printer driver installation starts.

14. **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 Vista)

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.

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.

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

   Add Printer Wizard starts.

5. **Click [Local printer attached to this computer].**

6. **Select the port you want to use, and then click [Next >].**

   A dialog box for selecting the printer manufacturer and model name appears.

7. **Select the name of the machine whose driver you want to install, and then click [Next >].**

8. **Click [Close] to close the [Printer Port] dialog box.**

9. **Click [Next >].**

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

11. **Specify whether or not to print a test page, and then click [Finish].**

    The printer driver installation starts.

12. **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.

1 Installing the PostScript 3 Printer Driver (Windows NT 4.0)

⭐ **Important**

- Installing this printer driver requires Administrators permission. Log on using an account that has Administrators permission.
- You can install the printer driver from the CD-ROM provided with this machine or download it from the supplier's Web site.
- If your operating system is Windows NT 4.0, you must download the printer driver from the manufacturer's Web site. Select this printer and the operating system you are using, and then download it.

1. **Download the PostScript 3 printer driver from the supplier's web site.**

   Use a search to find the name of your model, and then download the PostScript 3 printer driver from the supplier's web site.

   Save it where you can locate it easily.

   [Saved file] is a self-extracting file. You must extract it beforehand. The [Saved file] folder is created afterwards.

2. **Click the [Saved file] folder, and then click [Disk1].**

3. **Double-click [SETUP.EXE].**

   Add Printer Wizard starts.

4. **Select [My Computer], and then click [Next >].**

5. **Select the port you want to use, and then click [Next >].**

   A dialog box for selecting the printer manufacturer and model name appears.

6. **Select the name of the machine whose driver you want to install, and then click [Next >].**

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

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

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

9. **Specify whether or not to print a test page, and then click [Finish].**

   The printer driver installation starts.

10. **Restart the computer to complete installation if necessary.**

⬇ **Note**

- A user code can be set after the printer driver installation. For information about user code, see the printer driver Help.

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 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.

1

⭐ **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

1. **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.

3. **Click [Next >].**

4. **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.

5. **Click [No, I will not connect], and then click [Next >].**

6. **Click [Install from a list or specific location (Advanced)], and then click [Next >].**

7. **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 >].**

8. **If the [Hardware Installation] window appears, click [Continue].**

9. **If the installation was successful, click [Finish].**

10. **Select [Test Print], and then click [Next >].**

11. **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.

1. On the [Start] menu, click [Control Panel].

2. In the "Hardware and Sound" area, click [Printers].

3. In the top part of the window, click [Add a printer].

4. 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.

5. 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.

6. 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.

7. In the [Found New Hardware] window, select the printer driver you want to use, and then click [Next].

   The printer driver installation starts.

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

9. Click [Close].

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

11. 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 Problems] 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 95 / 98 / Me, Windows 2000 and Windows NT 4.0:

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

⬇Note

- If the printer driver is on a CD-ROM under Windows 2000, the location of the PostScript 3 printer driver is D:\DRIVERS\PS\XP_VISTA\(Language)\DISK1.
- If the installer starts, click [Cancel] to quit.

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

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

⬇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.

For Windows XP Home Editions:

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

⬇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.

For Windows Vista:

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

   The [Control Panel] window appears.

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

3. **Click [Install 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 / 2003 R2, Manage Printers permission is required to change the printer properties in the [Printers] folder. Log on as an Administrators or Power Users group member.

- Under Windows NT 4.0, Full Control 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.**

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

4. **Click the [Accessories] tab.**

   Under Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2 and Windows NT 4.0, click the [Device Settings] tab.

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

   Under Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2 and Windows NT 4.0, click the [Installable Options] area.

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

🅴 **Reference**

- For details about making option settings for the printer, see Setting Up Options.

Setting Up the Printer Driver

Windows 95 / 98 / Me - Accessing the Printer Properties

There are two methods to open the printer properties dialog box.

Making printer default settings

To make the printer default settings, open the printer properties dialog box from the [Printers] window.

⭐ **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.**

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

   The printer properties dialog box appears.

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

5. **Click [OK].**

🔽 **Note**

- With some applications, the printer driver settings are not used, and the application's own default settings are applied.

📄 **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 printer properties dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows 95/98/Me.

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

   The [Print] dialog box appears.

1

2. **Select the printer you want to use in the [Name] list, and then click [Properties].**

   The printer properties dialog box appears.

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

4. **Click [OK] to start printing.**

⬇ Note

- The procedure to open the printer properties dialog box may vary depending on the application. For details, see the manuals provided with the application you use.

- With some applications, the printer driver settings are not used, and the application's own default settings are applied.

- 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

- For details, see the printer driver Help.

Windows 2000 - Accessing the Printer

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.

4. **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.**

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

   The [Printing Preferences] dialog box appears.

4. **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 [Printing Preferences] dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows 2000.

1. **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

- For details, see the printer driver Help.

1

Windows XP, Windows Server 2003 / 2003 R2 - 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.

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

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

   The printer properties dialog box appears.

4. **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, click [Printers and Faxes].**

   The [Printers and Faxes] window appears.

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

1

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

   The [Printing Preferences] dialog box appears.

4. **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 [Printing Preferences] dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows XP.

1. **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

- For details, see the printer driver Help.

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.

1

- 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.

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

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

4. **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, click [Control Panel].**

   The [Control Panel] window appears.

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

3. **Right - click the icon of the printer you want to use, and then click the [Printing Preferences...].**

   The [Printing Preferences] dialog box appears.

4. **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 [Printing Preferences] dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows XP.

1. **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**

- For details, see the printer driver Help.

Windows NT 4.0 - 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 Full Control permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control 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.

4. **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 - Default

Important

- To change the printer default settings including option configuration settings, log on using an account that has Full Control permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control 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 [Document Defaults...].**

   The [Default] dialog box appears.

4. **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 printer properties dialog box from that application. The following explains how to make settings for the WordPad application provided with Windows NT 4.0.

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

   The [Print] dialog box appears.

2. **Select the printer you want to use in the [Name] list, and then click [Properties].**

   The printer properties dialog box appears.

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

4. **Click [OK] to start printing.**

Note

- The procedure to open the printer properties dialog box may vary depending on the application. For details, see the manuals provided with the application you use.

- With some applications, the printer driver settings are not used, and the application's own default settings are applied.

- 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

- For details, see the printer driver Help.

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.**
3. **Double-click the [Mac OS 8 and 9] folder.**
4. **Double-click the [PS Driver] folder.**
5. **Double-click the folder of the language you use.**
6. **Open [Disk1], and then double-click the installer icon.**
7. **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.**
3. **Double-click the [Printer Descriptions] folder.**
4. **Double-click the folder of the language you are using.**
5. **Open the [DISK1] folder.**

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

7. **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.

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

2. **Click the Adobe PS icon.**

3. **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 Setting Up Options to make option settings; otherwise close the [Chooser] dialog box.

Setting Up Options

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

2. **Click the Adobe PS icon.**

3. **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.

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

6. **Click [OK].**

   The list of options closes.

7. **Click [OK].**

   The [Chooser] dialog box appears.

8. **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.**
3. **Double-click the CD-ROM drive con.**
4. **Double-click the [Mac OS 8 and 9] folder.**
5. **Double-click the [ATM] folder.**
6. **Double-click the ATM 4.6.2 installer icon.**
7. **Follow the instructions on the screen.**
8. **When the procedure is complete, restart the computer. ATM will be completely installed only after restarting.**
9. **On the [Apple] menu, open [Control Panel], and then click [~ATM].**
10. **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.
4. **Double-click the [Mac OS 8 and 9] folder.**
5. **Double-click the [Fonts] folder.**
6. **Double-click the [Screen font] folder.**
7. **Double-click the [TrueType] or [Type1] folder.**

   Select the font type you want to use.

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

    A confirmation message appears.

9. **Click [OK].**

    The fonts are installed.

10. **Restart the Mac OS.**

Changing to EtherTalk

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

1. **Open [Control Panel], and then double-click the AppleTalk icon.**
2. **On the [Connect via:] pop-up menu, click [Ethernet].**
3. **If you change zones, select a name on the [Current zone:] pop-up menu.**
4. **Close the AppleTalk control panel.**
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

- **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.**
3. **Double-click the [Mac OS X] folder.**
4. **Double-click the [MacOSX PPD Installer] folder.**
5. **Double-click the installer icon.**
6. **Follow the instructions on the screen.**

Setting Up the PPD File

1. **Start Printer Setup Utility.**
2. **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.

3. **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.

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

5. **Quit Printer Setup Utility.**

Setting Up Options

1. **Start System Preferences.**

2. **Click [Print& Fax].**

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

4. **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.

3. **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.

4. **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 and wireless LAN connections can also be used.

1. **Start Printer Setup Utility.**

2. **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.

3. **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.

1. **Open [System Preferences], and then click the Network icon.**

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

3. **Click the [AppleTalk] tab.**

4. **Select the [Make AppleTalk Active] check box.**

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

6. **When the settings are made, click [Apple 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.)

2

2

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, or Windows Server 2003 / 2003 R2, 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 your system is Windows NT 4.0, changing printer driver settings requires Full Control access permission. Members of Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you change printer driver settings, log on with an account that has Full Control permission.

- If you are using Adobe PageMaker 6.0, 6.5, or 7.0 with Windows 95 / 98 / Me / 2000 / XP, Windows Server 2003 / 2003 R2, or Windows NT 4.0, 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 95 / 98 / Me	[Options] on the [Accessories] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Installable Options] on the [Device Settings] tab.
Windows NT 4.0	[Installable Options] on the [Device Settings] tab in the Properties dialog box.
Mac OS	For ethernet, [Chooser] on the Apple Menu. For USB, [Change Setup] from the [Printing] menu to open the Desktop printer.
Mac OS X	[Printer Setup...] in [Print & Fax] to open the System Preferences.

⬇ **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.

🗒**Reference**

- See, Making Option Settings for the Printer, Setting Up Options or 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. For more information about the functions and menus of the Windows 95 / 98 / Me PostScript printer driver, see the printer driver's Help.

⭐ **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 Print
  - Document Server
  - User Code
- Applications, such as PageMaker, that have their own drivers do not support the following functions:
  - Sample Print
  - Locked Print
  - Hold Print
  - Stored Print
  - Store and Print
  - Document Server
  - User Code

⬇ **Note**

- 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, [Features x] 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 95 / 98 / Me	[Job Type:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Job Type:] on the [Job/Log] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Job Type:] on the [Job Log] tab in the Document Defaults 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.

⬇Note

- Under Windows 95 / 98 / Me, if you want to use an User ID, click the [Details...] button.

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 Job Type.

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 Job Type.

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.

- 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.

⊟ Reference

- For details about how to use Hold Print, see Job Type.

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.

- 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 Job Type.

Store and Print

Use this function to print the file at once and also store 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.

- 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 Job Type.

Document Server

Use this function to store hard disk documents that you want to print as well as documents you might want to later combine or process for printing.

⬇ Note

- The "File Name" can contain to 16 alphanumeric (a-z, A-Z, 0-9) characters.

📄 Reference

- For details about the Document Server function, see "Accessing the Document Server", Printer Reference.

How to Use Sample Print

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

Windows 95 / 98 / Me

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

   The [Print] dialog box appears.

2. **Select the printer, and then click [Properties...].**

3. **Click the [Setup] tab.**

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

5. **Click [Details...].**

6. **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.

7. **Click [OK].**

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

9. **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.

10. **Check the printed output to make sure the settings are correct.**

    If the settings are correct, perform the following steps.

    If you want to delete a saved job, see Job Type.

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

12. **Press [Print Jobs].**

13. **Press [Sample Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

14. **Select the file you want to print by pressing it.**

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

15. **Press [Print] to change the number of sets to be printed.**

16. **Enter the new number of sets using the number keys.**

    If you do not want to change the set quantity, perform the following step.

    You can enter up to 999 sets.

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

    When multiple files are selected without setting a quantity, 1 page less than the minimum number of all settings is applied.

17. **Press [Yes].**

    The remaining sets are printed.

↓Note

- Press [Stop] to cancel printing.

- When printing finishes, the stored file is deleted.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

- If there is a print job outstanding, this is printed before the sample print job.

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

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, Windows NT 4.0

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

    The [Print] dialog box appears.

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

    If you are using Windows XP / Vista or Windows Server 2003 / 2003 R2, select the printer, and then click [Preferences].

    If you are using Windows NT 4.0, select the printer, and then click [Properties...].

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

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

4. **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.

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

    If you are using Windows 2000, perform the following steps.

6. **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.

3

7. **Check the printed output to make sure the settings are correct.**

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

   If you want to delete a saved job, see Job Type.

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

9. **Press [Print Jobs].**

10. **Press [Sample Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

11. **Select the file you want to print by pressing it.**

    A list of print files stored in the machine appears.

12. **Press [Print] to change the number of sets to be printed.**

13. **Enter the new number of sets using the number keys.**

    If you do not want to change the set quantity, perform the following steps.

    You can enter up to 999 sets.

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

    When multiple files are selected without setting a quantity, 1 page less than the minimum number of all settings is applied.

14. **Press [Yes].**

    The remaining sets are printed.

🔽 **Note**

- Press [Stop] to cancel printing.
- When printing finishes, the stored file is deleted.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- If there is a print job outstanding, this will be printed before the sample print job.
- If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Sample Print jobs by default. If the collate option is selected in the application's [Print] dialog box, there may be more prints than required.

Mac OS / Mac OS X

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

   The [Print] dialog box appears.

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

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

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

4. **On the [Job Type:] pop-up menu, select [Sample Print].**

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

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

6. **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 Job Type.

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

8. **Press [Print Jobs].**

9. **Press [Sample Print Job List].**

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

   [User ID], [Date/Time] and [File Name] also appear.

10. **Select the file you want to print by pressing it.**

    A list of print files stored in the machine appears.

11. **Press [Print] to change the number of sets to be printed.**

12. **Enter the new number of sets using the number keys.**

    If you do not want to change the set quantity, perform the following steps.

    You can enter up to 999 sets.

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

    When multiple files are selected without setting a quantity, 1 page less than the minimum number of all settings is applied.

13. **Press [Yes].**

    The remaining sets are printed.

⬇ **Note**

- Press [Stop] to cancel printing.
- When printing finishes, the stored file is deleted.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- If there is a print job outstanding, this is printed before the sample print job.

Deleting a Sample Print File

If a printed document is not as required, you can delete the Sample Print file.

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

2. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

3. **Press [Stored Print Job List].**

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

4. **Select the file you want to delete by pressing it.**

   To cancel a selection, press the highlighted jobs again.

   Only one file can be selected at a time.

5. **Press [Delete].**

   A confirmation screen appears.

6. **Press [Yes] to delete the file.**

   After the file is deleted the printer screen reappears.

   Press [No] to cancel the delete request.

How to Use Locked Print

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

Windows 95 / 98 / Me

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

   The [Print] dialog box appears.

2. **Select the printer, and then click [Properties...].**

3. **Click the [Setup] tab.**

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

5. **Click [Details...].**

6. **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.

7. **Click [OK].**

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

9. **After making the necessary settings, click [OK] to close the [Print] dialog box.**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

11. **Press [Print Jobs].**

    A list of print files stored in the machine appears.

12. **Press [Locked Print Job List].**

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

    [User ID], [Date / Time] and [File Name] also appear.

13. **Select the file you want to print by pressing it.**

14. **Press [Print].**

    The password screen appears.

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

    A confirmation screen appears.

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

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

16. **Press [Yes].**

    A locked file is printed.

↓Note

- Press [Stop] to cancel printing.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

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

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, Windows NT 4.0

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

    The [Print] dialog box appears.

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

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

    If you are using Windows XP or Windows Server 2003 / 2003 R2, select the printer, and then click [Preferences].

    If you are using Windows NT 4.0, select the printer, and then click [Properties...].

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

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

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

   The user ID associates user with his / her jobs.

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

   If you are using Windows 2000, perform the following steps.

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

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

9. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

10. **Press [Locked Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

11. **Select the file you want to print by pressing it.**

12. **Press [Print].**

    The password screen appears.

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

    A confirmation screen appears.

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

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

14. **Press [Yes].**

    The locked file is printed.

🔽 **Note**

- Press [Stop] to cancel printing.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Locked Print jobs by default. If the collate option is selected in the application's [Print] dialog box, there may be more prints than required.

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].**

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

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

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

5. **After making the necessary settings, click [Print].**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

7. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

8. **Press [Locked Print Job List].**

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

   [User ID], [Date/Time] and [File Name] also appear.

9. **Select the file you want to print by pressing it.**

10. **Press [Print].**

    The password screen appears.

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

    A confirmation screen appears.

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

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

12. **Press [Yes].**

    The locked file is printed.

⚓ **Note**

- Press [Stop] to cancel printing.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

Deleting a Locked Print File

If a printed document is not as required, you can delete the Locked Print file.

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

2. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

3. **Press [Locked Print Job List].**

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

4. **Select the file you want to delete by pressing it.**

   To cancel a selection, press the highlighted job again.

   Only one file can be selected at a time.

5. **Press [Delete].**

   A password screen appears.

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

   A confirmation screen appears.

   A confirmation screen will reappear if the password was entered incorrectly. Press [OK] to enter the password again.

   When multiple files are selected, the machine deletes only files that correspond to the entered password. The number of files to be deleted is displayed on the confirmation screen.

7. **Press [Yes].**

   After the file is deleted, the printer screen reappears.

⬇Note

- Press [No] to cancel the delete request.

How to Use Hold Print

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

Windows 95 / 98 / Me

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

2. **Select the printer, and then click [Properties...].**

3. **Click the [Setup] tab.**

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

5. **Click [Details...].**

6. **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.

7. **Click [OK].**

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

9. **After making the necessary settings, click [OK] to close the [Print] dialog box.**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

11. **Press [Print Jobs].**

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

12. **Press [Hold Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

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

13. **Select the file you want to print by pressing it.**

14. **Press [Print].**

    A confirmation screen appears.

15. **Press [Yes].**

    The hold print file is printed.

↓Note

- Press [Stop] to cancel printing.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- When printing is finished, the stored file is deleted.
- If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Hold Print jobs by default. If a collate option is selected from the application's Print dialog box, there may be more prints than required.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, Windows NT 4.0

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

   The [Print] dialog box appears.

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

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

If you are using Windows XP or Windows Server 2003 / 2003 R2, select the printer, and then click [Preferences].

If you are using Windows NT 4.0, select the printer, and then click [Properties...].

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

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

5. **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.

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

   If you are using Windows 2000, perform the following steps.

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

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see JobType.

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

9. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

10. **Press [Hold Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

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

11. **Select the file you want to print by pressing it.**

12. **Press [Print].**

13. **A confirmation screen appears.**

14. **Press [Yes].**

    The hold print file is printed.

⬇ Note

- Press [Stop] to cancel printing.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- When printing finishes, the stored file is deleted.
- If the application has a collate option, make sure it is not selected before sending a print job. The printer driver automatically collates Hold Print files by default. If a collate option is selected from the application's Print dialog box, there may be more prints than required.

Mac OS / Mac OS X

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

   The [Print] dialog box appears.

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

3. **On the [Job Type:] pop-up menu, click [Hold Print].**

4. **In the [User ID:] box, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters. [File Name] can also be set.**

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

5. **After making the necessary settings, click [Print].**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the docuemt, see Job Type.

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

7. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

8. **Press [Hold Print Job List].**

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

   [User ID], [Date/Time] and [File Name] also appear.

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

9. **Select the file you want to print by pressing it.**

10. **Press [Print].**

    A confirmation screen appears.

11. **Press [Yes].**

    The hold print file is printed.

Note

- Press [Stop] to cancel printing.
- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.
- When printing is completed, the stored file is deleted.

Deleting a Hold Print File

If a printed document is not as required, you can delete the Hold Print file.

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

2. Press [Print Jobs].

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

3. Press [Hold Print Job List].

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

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

4. Select the file you want to delete by pressing it.

5. Press [Delete].

A confirmation screen appears.

6. Press [Yes].

After the file is deleted, the printer screen reappears.

Note

- Press [No] to cancel the delete request.

How to Use Stored Print/Store and Print

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

Windows 95 / 98 / Me

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

The [Print] dialog box appears.

2. Select the printer, and then click [Properties...].

3. Click the [Setup] tab.

4. In the [Job Type:] list, 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.

5. Click [Details...].

6. 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 same password must be entered when printing or deleting.

7. Click [OK].

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

9. **After making the necessary settings, click [OK] to close the [Print] dialog box.**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

11. **Press [Print Jobs].**

    A list of print files stored in the machine appears.

12. **Press [Stored Print Job List].**

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

13. **[User ID], [Date/Time] and [File Name] also appear.**

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

14. **Select the file you want to print by pressing it.**

15. **Press [Print].**

    A confirmation screen appears.

    If you have already set a password, proceed to the following step.

16. **Enter a password using the number keys on the password screen, and then press [OK].**

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

    If you have not set the password, proceed to the following step.

17. **Press [Yes].**

    The stored print file is printed.

Note

- Press [Stop] to cancel printing.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

- The Stored Print files sent to the machine are not deleted unless you delete them in the machine or select [Auto Delete Stored Print Jobs] (see "System", Printer Reference). For details, see Job Type.

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

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, Windows NT 4.0

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

   The [Print] dialog box appears.

3

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

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

   If you are using Windows XP or Windows Server 2003 / 2003 R2, select the printer, and then click [Preferences].

   If you are using Windows NT 4.0, select the printer, and then click [Properties...].

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

4. **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.

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

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

   If you are using Windows 2000, perform the following steps.

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

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

9. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

10. **Press [Stored Print Job List].**

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

    [User ID], [Date/Time] and [File Name] also appear.

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

11. **Select the file you want to print by pressing it.**

12. **Press [Print].**

    A confirmation screen appears.

    If you have already set a password, proceed to the following step.

13. **Enter a password using the number keys on the password screen, and then press [OK].**

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

   If you have not set the password, proceed to the following step.

14. **Press [Yes].**

   The stored file is printed.

⬇ **Note**

- Press [Stop] to cancel printing.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

- Stored Print files sent to the machine are not deleted unless you delete them in the machine or select [Auto Delete Stored Print Jobs] (see "System", Printer Reference). Foe details, see Job Type.

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

Mac OS / Mac OS X

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

   The [Print] dialog box appears.

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

3. **On the [Job Type:] pop-up menu, click [Stored Print] or [Store and Print].**

   - [Stored Print]

      Stores the file in the printer and print it later using the control panel.

   - [Store and Print]

   Prints the file at once and also stores the file in the printer.

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

5. **After making the necessary settings, click [Print].**

   The document file is saved in the machine.

   To print the document, perform the following steps.

   To delete the document, see Job Type.

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

7. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

8. **Press [Stored Print Job List].**

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

   [User ID], [Date/Time] and [File Name] also appear.

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

9. **Select the file you want to print by pressing it.**

10. **Press [Print].**

    A confirmation screen appears.

    If you have already set a password, proceed to the following step.

11. **Enter a password using the number keys on the password screen, and then press [OK].**

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

    If you have not set the password, proceed to the following step.

12. **Press [Yes].**

    The stored file is printed.

⬇ Note

- Press [Stop] to cancel printing.

- To cancel printing, press [Exit]. Then, press [Job Reset]. After it has started, the file is deleted.

- Stored Print files sent to the machine is not deleted unless you delete them in the machine or select [Auto Delete Stored Print Jobs] (see "System", Printer Reference). For details, see Job Type.

Deleting a Stored Print File

If a printed document is not as required, you can delete the Stored Print file.

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

2. **Press [Print Jobs].**

   A list of print files stored in the machine appears.

3. **Press [Stored Print Job List].**

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

4. **Select the file you want to delete by pressing it.**

   To cancel a selection, press the highlighted job again.

5. **Press [Delete].**

   A confirmation screen appears.

6. **Press [Yes].**

   After the file is deleted, the printer screen reappears.

🔽**Note**

- Press [No] to cancel the delete request.

- If you have already set a password in the printer driver, enter it to delete.

How to Use Document Server

3

Follow the procedure below to print a document using the Document Server function.

⭐**Important**

- **An optional hard disk drive is required to use the Document Server function.**

Windows 95 / 98 / Me

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

   The [Print] dialog box appears.
2. **Select the printer, and then click [Properties...].**
3. **Click the [Setup] tab.**
4. **In the [Job Type:] list, click [Document Server].**
5. **Click [Details...].**
6. **Enter a user ID, file name, and password in the dialog box that appears. The file name and password are optional.**
7. **Click [OK].**
8. **Start the printing from the application's [Print] dialog box.**

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, Windows NT 4.0

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

   The [Print] dialog box appears.
2. **Right-click the printer icon, and then click [Printing Preference] on the command menu.**

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

   If you are using Windows XP or Windows Server 2003 / 2003 R2, select the printer, and then click [Preferences].

   If you are using Windows NT 4.0, select the printer, and then click [Properties...].
3. **Click the [Job/Log] tab.**

4. **In the [Job Type:] list, click [Document Server].**

5. **Enter a user ID, file name, and password in the dialog box that appears. The file name and password are optional.**

6. **Click [OK].**

   If you are using Windows 2000, perform the following steps.

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

Mac OS X

⭐**Important**

- **If you are using Mac OS X 10.1.x, this function cannot be used.**

If you are using Mac OS X 10.2.x or higher, the Job Type function can be used.

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

   The [Print] dialog box appears.

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

3. **On the [Job Type:] pop-up menu, click [Document Server].**

4. **Enter a user ID, file name, and password in the dialog box that appears. The file name and password are optional.**

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

User Code

Use this to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code with SmartDeviceMonitor for Admin.

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

Windows 95 / 98 / Me	[User Code] on the [Statistics] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	Select [Enabled] on [Log], and then enter a user code in the [User Code:] box on the [Job/Log] tab in the Printing Preferences dialog box.
Windows NT 4.0	[User Code:] on the [Job Log] tab in the Document Defaults dialog box.

Mac OS	Select the [Enable User Code] check box, and then enter a user code in the [User Code] box on [Job Log] in the print dialog box.
Mac OS X	Select the [Enable User Code] check box, and then enter a user code in the [User Code] box on [Job Log] in the print dialog box.

🗐 **Reference**

- For details about using SmartDeviceMonitor for Admin, see Help.

Paper Selection

All Pages and Destination Tabs

Use this to select the media type and input tray.

⭐ **Important**

- **This function is for Windows 95 / 98 / Me only.**

🗐 **Reference**

- For details about the [All Pages] and [Destination] tabs. See the printer driver's 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 95 / 98 / Me	[Size:] on the [Paper] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Paper Size:] on [Paper Options] on the [Paper/Quality] tab in the Printing Preference dialog box.
Windows NT 4.0	[Paper Size] on the [Page Setup] tab in the Document Defaults dialog box.
Mac OS	[Paper:] on the [Page Attributes] tab in the Page Setup dialog box.
Mac OS X	[Paper Size:] 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 95 / 98 / Me	[Fit to Print Size:] on the [Paper] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Fit to Paper] on [Document Options] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Fit to Paper] on [Document Options] on the [Advanced] tab in the Document Defaults 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 95 / 98 / Me	[Input Tray:] on the [Paper] tab.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Paper Size:] on [Paper Options] on the [Paper/Quality] tab in the Printing Preference dialog box.
Windows NT 4.0	[Paper Source] on the [Page Setup] tab in the Document Defaults 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 95 / 98 / Me	[Resolution] on the [Print Quality] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Resolutions] on [Print Quality] on the [Paper/Quality] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Graphic] on the [Advanced] tab in the Document Defaults dialog box.
Mac OS	[Resolution] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Resolution] on the [Features x] tab on [Printer Features] in the print dialog box.

🔖 Reference

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

Rotate by 180 degrees

Use this to rotate the print image by 180 degrees.

The following table shows where you can select this function.

Windows 95 / 98 / Me	[Rotate by 180 degrees:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Rotate by 180 degrees] on [Orientation] on the [Paper/Quality] tab in the Printing Preference dialog box.
Windows NT 4.0	[Rotate by 180 degrees] in [Printer Features] on [Document Options] on the [Advanced] tab.
Mac OS	[Rotate by 180 degrees] in [Printer Specific Options] in the print dialog box.
Mac OS X	[Rotate by 180 degrees] on the [Features x] tab in [Printer Features] in the print dialog box.

Orientation Override

Use this to set the paper orientation.

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

Windows 95 / 98 / Me	[Orientation:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Orientation Override] on [Document Options] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Orientation Override] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.
Mac OS	[Orientation Override] on [Printer Specific Options] 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]

Toner Saving

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 95 / 98 / Me	[Toner Saving] on the [Print Quality] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Toner Saving] on [Print Quality] on the [Paper/Quality] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Toner Saving] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.
Mac OS	[Toner Saving] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Toner Saving] 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 95 / 98 / Me	[Duplex:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Print on Both Sides] on the [Finishing] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Print on Both Sides (Duplex Printing)] on the [Page Setup] tab in the Document Defaults dialog box.
Mac OS	[Print on Both Sides] on [Layout] in the print dialog box.
Mac OS X	• 10.3 or higher

	The [Two Sided Printing] check box on [Layout] in the print dialog box.
	• Other Mac OS X
	The [Print on both Sides] check box on [Duplex] in the print dialog box.

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

Windows 95 / 98 / Me

Off

Disables Duplex Printing.

Open to Left

Prints output so that you can open it to the left.

Open to Top

Prints output so that you can open it to the top.

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

None

Disables Duplex Printing.

Flip on long edge

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

Flip on 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".

Windows NT 4.0

None

Disables Duplex Printing.

Short Edge

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

Long Edge

Prints output so that you can open it to the long edge when bound along the long 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 Windows 2000 / XP, Windows Server 2003 / 2003 R2, Mac OS in Duplex Printing)

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 Mac OS or Mac OS X, make sure that the following check boxes have not been selected.
  - 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 95 / 98 / Me	[Collate:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	Set the number of copies to two or more, and then click the [Collate] checkbox on the [Paper/Quality] tab in the Printing Preference dialog box.
Windows NT 4.0	[Collate:] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.

Mac OS	[Collate:] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Collate:] on the [Feature 1] tab on [Printer Feature] 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 95 / 98 / Me	[Type:] on the [Paper] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Media Type]] on [Paper Options] on the [Paper/Quality] tab in the Printing Preference dialog box.
Windows NT 4.0	[Paper/Output] on the [Advanced] tab in the Document Defaults dialog box.
Mac OS	[Paper Type] on [Printer Specific Options] in the print dialog box.
Mac OS X	[Paper Type] on the [Features x] tab on [Printer Features] in the print dialog box.

🗉 Reference

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

Destination Tray

Use this to select the destination tray.

The following table shows where you can select this function.

Windows 95 / 98 / Me	[Output Tray:] in the [Paper] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Destination] on [Output Tray] on the [Finishing] tab in the Printing Preference dialog box.
Windows NT 4.0	[Destination] in [Printer Features] on [Document Options] on the [Advanced] tab.

Mac OS	[Destination] in [Printer Specific Options] in the print dialog box.
Mac OS X	[Destination] on the [Features x] tab in [Printer Features] in the print dialog box.

Reference

- For details about the destination tray supported by this machine, see General Setting Guide.

Staple

Use this function to staple sheets of printed paper together.

Important

- **When stapling, use the finisher option. See General Setting Guide or Printer Reference.**

The following table shows where you can select this function.

Windows 95 / 98 / Me	[Staple:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Staple] on [Print Job] on the [Finishing] tab in the Printing Preference dialog box.
Windows NT 4.0	[Staple:] in [Printer Features] on [Document Options] on the [Advanced] tab.
Mac OS	[Staple:] in [Printer Specific Options] in the print dialog box.
Mac OS X	[Staple:] on the [Features x] tab in [Printer Features] in the print dialog box.

Note

- The stapling location might differ depending on the orientation of the machine set in the printer and the orientation of the data to be printed. For details, see Printer Reference.

Punch

Use this function to punch holes in the printed documents.

Important

- **When punching holes, use the finisher option. See Printer Reference.**

The following table shows where you can select this function.

Windows 95 / 98 / Me	[Punch:] on the [Setup] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Punch] on [Print Job] on the [Finishing] tab in the Printing Preference dialog box.
Windows NT 4.0	[Punch:] in [Printer Features] on [Document Options] on the [Advanced] tab.
Mac OS	[Punch:] in [Printer Specific Options] in the print dialog box.
Mac OS X	[Punch:] on the [Features x] tab in [Printer Features] in the print dialog box.

🔸 **Note**

- Punch positions and the number of punch holes that are available will change depending on the type of finisher, the original's orientation, and the printing paper size and orientation. For details, see Printer Reference.

Watermark

Set the Watermark function.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.

🔸 **Note**

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Watermark Text

Select the Watermark Text type.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark Text] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark Text] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.

Note

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Watermark Font

Select the Watermark Font type.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark Font] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark Font] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.

Note

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Watermark Size

Select the Watermark size.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark Size] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark Size] on [rinter Features] on [ocument Options] on the [dvanced] tab in the Document Defaults dialog box.

◆Note

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Watermark Angle

Select the Watermark angle.

★Important

- Under Windows NT 4.0, this item is only for portrait, not for landscape.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark Angle] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark Angle] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.

◆Note

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Watermark Style

Select the Watermark style.

Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Watermark Style] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Watermark Style] on [Printer Features] on [Document Option] on the [Advanced] tab in the Document Defaults dialog box.

◆Note

- When using this function under Windows 95 / 98 / Me, Mac OS, or Mac OS X, see the printer driver Help. The following explains the procedure for Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2, and Windows NT 4.0.

Dithering

Use this to set the Image Rendering mode.

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

Windows 95 / 98 / Me	[Dithering:] in the [Advanced] dialog box displayed when you click [Advanced...], after selecting [Manual] from [Color] on the [Print Quality] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Dithering] on [Document Options] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Dithering:] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults dialog box.
Mac OS	[Dithering:] on [Printer Specific Options] 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.

Photographic

Performs dithering using an appropriate pattern for photographs.

Text

Performs dithering using an appropriate pattern for text.

User Setting

Use this setting to print images set in half tone in your application.

Image Smoothing

Use this to select the image smoothing type.

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

Windows 95 / 98 / Me	[Image Smoothing:] in the [Advanced] dialog box displayed when you click [Advanced...], after selecting [Manual] from [Color] on the [Print Quality] tab.
Windows 2000 / XP / Vista, Windows Server 2003 / 2003 R2	[Image Smoothing] on [Document Options] on the [Advanced] tab in the Printing Preferences dialog box.
Windows NT 4.0	[Image Smoothing:] on [Printer Features] on [Document Options] on the [Advanced] tab in the Document Defaults 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 Features] 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.

4. Printer Utility for Mac

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.

4. **Double-click the [Mac OS] folder.**

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

5. **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.**

6. **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.)

- 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.

1. **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.

2. **Click [OK].**

3. **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.

4. **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 Downloading PS Fonts.

- [Display Printer's Fonts...]

  Display and delete the fonts in printer memory and the printer's hard disk drive.

  See Displaying Printer's Fonts.

- [Initialize Printer's Disk...]

  Initialize the printer's hard disk drive. See Initializing the Printer Disk.

- [Page Setup...]

  Set up the paper size to print "Printer Font Catalog" and "Printer Font Sample".

  See Page Setup.

- [Print Fonts Catalog...]

  Print the names of available fonts. See Printing Fonts Catalog.

- [Print Fonts Sample...]

  Print a sample of fonts. See Printing Fonts Sample.

- [Rename Printer...]

  Change the printer's name when viewed via AppleTalk. See Renaming the Printer.

- [Restart Printer]

  Restart the printer. See Restarting the Printer.

Utility menu

- [Download PostScript File...]

  Download a PostScript file. See Downloading PostScript Files.

- [Select Zone...]

  Change the zone to which the printer belongs to via AppleTalk. See Selecting the Zone.

- [Display Printer Status...]

  Display the status of the printer. See Displaying the Printer Status.

- [Launch Dialogue Console...]

  Create and edit a PostScript file, and then download it to the printer. See 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.

1. **Select [Download PS Fonts...] on the [File] menu.**

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

   The dialog box to select fonts appears.

3. **Click to select the desired font files, and then click [Open].**

   The list of selectable font names appears.

4. **After adding all the fonts you want to download, click [OK].**

   The dialog box of selected fonts to download appears.

5. **Click [Download].**

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

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

7. **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.

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

   A dialog box appears.

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

3. **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.

1. **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.**

4. **Click [Delete].**

   A confirmation message appears.

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

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

7. **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.

1. **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".

1. **Select [Page Setup...] on the [File] menu.**
2. **Choose the paper size.**

Printing Fonts Catalog

Print the names of fonts available on the printer.

1. **Select [Print Fonts Catalogue] 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.

1. **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

1. **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.

4. **Click [OK].**

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

6. **Click the [AdobePS] icon.**

7. **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

1. **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.

4. **Click [OK].**

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

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

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

Restarting the Printer

You can restart the printer.

1. **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.

1. **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**

- Confirm that a Macintosh and printer are connected with AppleTalk.

Mac OS

1. **On the [Utility] menu, click [Select Zone...].**

   The zone to which the printer belongs and the available zone list appear.

2. **Select the zone in which you want to locate the printer, and then click [Change].**

   A confirmation message appears.

3. **Click [Continue].**

   A confirmation message appears.

4. **Click [OK].**

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

6. **Click the [AdobePS] icon.**

7. **In the [AppleTalk zone:] list, select the zone you changed.**

8. **In the [Select a PostScript Printer:] list, select the printer you want to use.**

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

Mac OS X

1. **On the [Utility] menu, click [Select Zone...].**

   The zone to which the printer belongs and the available zone list appear.

2. **Select the zone which you want to locate the printer in, and then click [Change].**

   A confirmation message appears.

3. **Click [Continue].**

   A confirmation message appears.

4. **Click [OK].**

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

6. **In the [Available Network Zones:] list, select the zone you changed.**

7. 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.

1. 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.

3. 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.

1. 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.

3. 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.

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

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