Printer/Scanner Unit Type 2105

Operating Instructions
Printer Reference 1

1. Getting Started
2. Preparing to Print

For safe and proper operation, read the Safety Information in the *General Setting Guide* before you use it.

Introduction

This manual describes detailed instructions on the operation and notes about the use of this machine. To get maximum versatility from this machine all operators are requested to read this manual carefully and follow the instructions. Please keep this manual in a handy place near the machine.

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.

Warning:

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

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The proper names of the Windows operating systems are as follows:
- The product name of Windows® 95 is Microsoft® Windows® 95
- The product name of Windows® 98 is Microsoft® Windows® 98
- The product name of Windows® Me is Microsoft® Windows® Millennium Edition (Windows Me)
- The product name of Windows® XP are as follows:
  Microsoft® Windows® XP Professional
  Microsoft® Windows® XP Home Edition
- The product name of Windows® 2000 are as follows:
  Microsoft® Windows® 2000 Advanced Server
  Microsoft® Windows® 2000 Server
  Microsoft® Windows® 2000 Professional
- The product name of Windows® NT are as follows:
  Microsoft® Windows NT® Server 4.0
  Microsoft® Windows NT® Workstation 4.0

Notes:

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

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

Manuals for This Machine

The following manuals describe the operational procedures of this machine. For particular functions, see the relevant parts of the manual.

✐ **Note**

❒ Manuals provided are specific to machine type.

❒ Adobe Acrobat Reader is necessary to view the manuals as a PDF file.

❒ Two CD-ROMs are provided:

- CD-ROM 1 "Operating Instructions for Printer/Scanner"
- CD-ROM 2 "Scanner Driver & Document Management Utilities"

❖ **General Settings Guide**

Provides an overview of the machine.
It also describes System Settings (such as paper trays and user codes settings), Document Server functions, and troubleshooting.

❖ **Network Guide (PDF file - CD-ROM1)**

Describes procedures for configuring the machine and computers in a network environment.

❖ **Copy Reference**

Describes operations, functions, and troubleshooting for the machine's copier function.

❖ **Printer Reference 1 (this manual)**

Describes system settings and operations for the machine's printer function.

❖ **Printer Reference 2 (PDF file - CD-ROM1)**

Describes operations, functions, and troubleshooting for the machine's printer function.

❖ **Scanner Reference (PDF file - CD-ROM1)**

Describes operations, functions, and troubleshooting for the machine's scanner function.

❖ **Manuals for DeskTopBinder V2 Lite**

DeskTopBinder V2 Lite is a utility included on the CD-ROM labeled "Scanner Driver & Document Management Utilities".

- DeskTopBinder V2 Lite Setup Guide (PDF file - CD-ROM2)
  Describes installation of, and the operating environment for DeskTop-Binder V2 Lite in detail. This guide can be displayed from the **[Setup]** dialog box when DeskTopBinder V2 Lite is installed.

- DeskTopBinder V2 Lite Introduction Guide (PDF file - CD-ROM2)
  Describes operations of DeskTopBinder V2 Lite and provides an overview of its functions. This guide is added to the **[Start]** menu when DeskTop-Binder V2 Lite is installed.

- Auto Document Link Guide (PDF file - CD-ROM2)
  Describes operations and functions of Auto Document Link installed with DeskTopBinder V2 Lite. This guide is added to the **[Start]** menu when DeskTopBinder V2 Lite is installed.

❖ **Manuals for ScanRouter V2 Lite**

ScanRouter V2 Lite is a utility included on the CD-ROM labeled "Scanner Driver & Document Management Utilities".

- ScanRouter V2 Lite Setup Guide (PDF file - CD-ROM2)
  Describes installation of, settings, and the operating environment for Scan-Router V2 Lite in detail. This guide can be displayed from the **[Setup]** dialog box when ScanRouter V2 Lite is installed.

- ScanRouter V2 Lite Management Guide (PDF file - CD-ROM2)
  Describes delivery server management and operations, and provides an overview of ScanRouter V2 Lite functions. This guide is added to the **[Start]** menu when ScanRouter V2 Lite is installed.

❖ **Other manuals**

- PS3 Supplement (PDF file - CD-ROM1)
- Unix Supplement (Available from an authorized dealer, or as a PDF file on our Web site.)

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How to Read This Manual

Symbols

In this manual, the following symbols are used:

⚠ *WARNING:*

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

⚠ *CAUTION:*

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

* The statements above are notes for your safety.

🕱Important

If this instruction is not followed, paper might misfeed, originals might be damaged, or data might be lost. Be sure to read this.

📑 Preparation

This symbol indicates prior knowledge or preparations is required before operation.

🖉 Note

This symbol indicates precautions for operation, or actions to take after mal-operation.

☑ Limitation

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

🔍Reference

This symbol indicates a reference.

[   ]

Keys and buttons that appear on the computer's display.
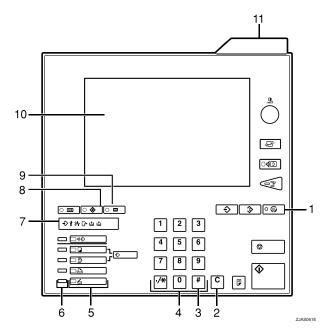
Keys that appear on the machine's display panel.

【   】

Keys built into the machine's control panel.

Keys on the computer's keyboard.

1. Getting Started

Control Panel

ZJAS061E

1. 【Energy Saver】 key

Press to switch to and from Energy Saver mode.

📎 Note

❒ This key is ineffective during system setting (User Tools) operations.

2. 【Clear】 key

Deletes one character or digit.

3. 【#】 key

Press to enter a value.

4. Number keys

Press to enter a value for various settings.

5. Function keys

Press the appropriate key to choose any of the following functions:

- Copy
- Document Server
- Printer
- Scanner

6. Function status indicators

Shows the status of the above functions:

- Green: the function is active.
- Red: the function has been interrupted.

7. **Indicators**

Shows errors and machine status.

$\diamondsuit$: Data In indicator

The Data In indicator shows the status of data reception from a computer.

- This indicator blinks when data is being received.

- This indicator lights when there is data remaining to be printed.

$\mathbf{i}$: Service call indicator

$\mathbf{8v}$: Misfeed indicator

$\mathbf{\mathcal{L}}$: Cover indicator

$\mathbf{\acute{e}}$: Add Staple indicator

$\mathbf{\acute{e}}$: Add Toner indicator

$\mathbf{\acute{e}}$: Load Paper indicator

See "Control Panel", *General Settings Guide*.

8. 【**User Tools**】 **key**

Press to change default and conditions to your requirements.

9. 【**Tray Paper Settings**】 **key**

Sets the paper size for each paper tray.

10. **Display panel**

Shows operation status, error messages, and function menus. p.4 "Display Panel"

11. **Status indicator**
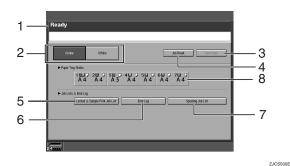
Machine status is described by this indicator. By default, this indicator is turned off. You can select to light the status indicator. For more information, see "Control Panel", *General Settings Guide*.

Display Panel

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

⬙ **Note**

❐ The machine switches to offline when you make settings, even if previously online. After you complete the setting, the machine goes back online automatically.

❐ If you make a setting when the machine is offline, it will stay offline afterward.

❐ The function items displayed serve as selector keys. You can select or specify an item by lightly pressing them.

❐ When you select or specify an item on the display panel, it becomes highlighted.

❐ Keys dimmed (for example, OK) cannot be used.

ZJCS500E

1. **Operational status or messages**

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

2. **[Online] key/[Offline] key**

By pressing these keys, the machine switches between online and offline.

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

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

3. **[Form Feed] key**

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

✎ **Note**

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

❒ This function is not available with the RPCS^TM printer language.

4. **[Job Reset] key**

Press this key to cancel the current print job.

If you press it when the machine is offline and Hex Dump is selected, Hex Dump is canceled. See "Printer Features Parameters", *Printer Reference 2*.

5. **[Locked & Sample Print Job List] key**

Prints locked print jobs or sample print jobs sent from the computer.

6. **[Error Log] key**

Displays a list of errors that have been logged.

7. **[Spooling Job List] key**

Displays a list of spooled print jobs. You can delete spooled print jobs.

8. **Paper Tray Status**

The paper tray settings appear.

The paper tray in use is highlighted.

✎ **Note**

❒ When the power is turned on, the copier display is shown. This is a factory default. This initial setting can be changed. See "User Tools (System Settings)", *General Settings Guide*.

1

2. Preparing to Print

This section gives instructions for connecting the machine and computer, configuring the machine and installing software.

❖ **When operating the machine with a parallel connection, USB connection, or SCSI print (IEEE 1394) connection.**

- Connect the machine and the computer with a parallel cable, a USB cable, or an IEEE 1394 (SCSI print) cable.

  🔍**Reference**

  For more information, see p.8 "Connecting the Machine".

- Install a printer driver from the CD-ROM.

  🔍**Reference**

  For more information, see p.10 "Installing the Software".

❖ **When operating the machine under a network environment**

- Configure the network using the machine's control panel.

  🔍**Reference**

  For more information, see "Network Configuration", *Network Guide*.

- Install a printer driver and other utilities from the CD-ROM.

  🔍**Reference**

  For more information, see p.10 "Installing the Software".

📝 **Note**

❒ "Network environment" describes a situation where the machine is connected to a computer via Ethernet, wireless LAN, or IEEE 1394 (IP over 1394) interface.

❒ The optional IEEE 1394 board for SCSI print connection and the optional USB 2.0 board for USB connection cannot be both installed in the machine.

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Preparing the Printer

Connecting the Machine

🔎 Reference

For information about connection using an Ethernet and wireless LAN interface, see "Confirming the Connection", *Network Guide*.

Requirements

Before using this machine, make sure all environmental and electrical requirements are met. Connect the machine to the host computer using the parallel port, network interface unit, or both.

Make sure all cables, connectors, and electrical outlets necessary to attach the machine to the host computer or network are present.

Connecting the Machine to the Host Using the Parallel Cable/SCSI Print (IEEE 1394) Cable

Connect the machine to the host computer using the parallel port or optional IEEE 1394 interface board. This machine does not come with a parallel cable to connect the machine to the host computer.

The machine's parallel interface is a standard bidirectional interface. It requires a standard IEEE 1284 compliant Micro Centronics 36 Pin Cable and a parallel port on the host computer. Make sure to purchase the appropriate cable for the machine and your computer.

🖉 Note

❐ Do not use a parallel cable that is longer than 3 meters (10 feet).

❐ Rating voltage of the interface connector: Max. DC 5V

Follow the procedures below to connect the machine to the host computer.

🚸Important

❐ Before connecting the machine and a computer using an interface cable, make sure that the machine is not operating, and then turn off the main power switches of the machine and computer.

❐ Be sure to use the designated interface cable. Other cables may cause radio interference.
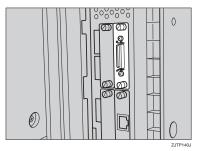
A **Turn off the main power switch.**

🚸Important

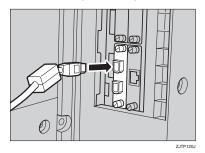❐ Before turning off the main power switch, see "Turning Off the Power", *General Settings Guide*.

B **Plug the cable into the port.**

For parallel connection, buy a separate parallel cable, or a conversion adaptor.

❖ Parallel Connection

ZJTP140J

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❖ **SCSI Print (IEEE 1394) Connection**

ZJTP120J

C Plug the other end of the cable into the computer's port.

D Turn on the main power switch of the machine.

E Turn on the computer.

📎 **Note**

❒ When using Windows 95/98 SE/Me or Windows 2000/XP, a printer driver installation screen might appear when the computer is turned on. In the above case, click **[Cancel]** on the screen. For more information, see p.10 "Auto Run".
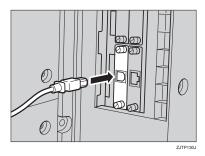
The machine and computer is now connected. The printer driver must be installed next. For information about how to install the printer driver, see p.10 "Installing the Software".

Connecting the Machine to the Host Using a USB Cable

You can connect the machine to the host computer using a USB interface cable when the optional USB 2.0 interface board is installed in the machine.

This machine does not come with a USB interface cable. Make sure to purchase the appropriate cable for the machine and your computer.

Follow the procedures below to connect the machine to the host computer using a USB interface cable.

A Connect the USB 2.0 interface cable to the USB port at the right side of the back cover of the machine.

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B Connect the other end to the USB port on the host computer.

📎 **Note**

❒ The optional USB 2.0 interface board is supported by Windows 98 SE/Me, Windows 2000/XP, Mac OS 9.x, and Mac OS X Classic mode.

- For Windows 98 SE/Me: Make sure to install "USB Printing Support". When USB 2.0 is used with Windows 98 SE/Me, only a speed equal to that of USB 1.1 is possible.

- Macintosh supports only the standard USB port. When USB 2.0 is used with a Macintosh, only a speed equal to that of USB 1.1 is possible.

2

Installing the Software

This manual assumes you are familiar with general Windows procedures and practices. If you are not, see the operating instructions that comes with Windows for details.

Auto Run

Inserting the CD-ROM into the CD-ROM drive starts the installer automatically. The installer helps you install the following printer drivers and software easily.

📎 Note

❒ If "plug and play" is started, click **[Cancel]** in **[New Hardware Found]**, [**Device Driver Wizard**] or **[Found New Hardware Wizard]** dialog box, and then insert the CD-ROM. The **[New Hardware Found]**, **[Device Driver Wizard]** or **[Found New Hardware Wizard]** dialog box appears depending on the system version of the Windows 95/98/Me, Windows 2000/XP.

❒ Auto Run might not automatically work with certain OS settings. In this case, launch "Setup.exe" located on the CD-ROM root directory.

❒ If you want to cancel Auto Run, hold down the 【SHIFT】 key (when your operating system is Windows 2000/XP, hold down the left 【SHIFT】 key) while inserting the CD-ROM. Keep the 【SHIFT】 key held down until the computer has finished accessing the CD-ROM.

💡 Limitation

❒ If your operating system is Windows 2000/XP or Windows NT 4.0, installing a software using Auto Run requires Administrator permission. When you install a software using Auto Run, log on using an account that has Administrators permission.

The following table shows the printer drivers and software that can be installed using Auto Run:

	Auto Run [*1]		
	Quick Install		Add Printer and Utility Wizard
	Network connection with TCP/IP	Parallel connection	
PCL 6 printer driver	❍	❍	❍
PCL 5e printer driver			❍
RPCS™ printer driver	❍	❍	❍
PostScript3 printer driver			❍
Agfa Monotype Font Manager 2000			❍
SmartNet-Monitor for Admin			❍
Smart-NetMonitor for Client	❍		❍

[*1] Available operating systems are as follows: Windows 95/98/Me, Windows 2000/XP, Windows NT 4.0. Auto Run is unavailable with Macintosh.

Quick Install

Auto Run will start the installer automatically when you insert the CD-ROM into the CD-ROM drive. By selecting Quick Install, you can easily install the PCL 6 printer driver and the RPCS™ printer driver. SmartNet-Monitor for Client can also be installed provided the machine and the computer are connected via the network.

📋 **Preparation**

Before starting installation, Close all documents and applications.

The following conditions are required:

- Windows 95/98/Me, Windows 2000/XP, or Windows NT 4.0

For Ethernet connections:

- The machine must be connected to the network using an Ethernet cable.
- TCP/IP protocol must be configured.
- The IP address must be assigned to both machine and computer.
- The wireless LAN board is installed and the connection is properly made.

For parallel connections:

- The machine must be connected to the computer using a parallel cable.
- Bidirectional transmission must be enabled.

🔰**Important**

❒ If your system is Windows NT 4.0, we recommend that you upgrade the Windows NT 4.0 operating system to Service Pack 4 or later before installing the PCL 6/5e or RPCS™ printer drivers. Contact your Windows retailer for more information about the latest versions available.

🖉 **Note**

❒ When the machine is connected to the computer using the IEEE 1394 interface or the USB 2.0 interface, Quick Install cannot be used. See p.26 "Installing the Printer Driver Using USB", p.29 "Installing the Printer Driver Using IEEE 1394".

1 **Close all applications running.**

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

Auto Run will start the installer.

3 **Select a language for the interface language, and then click [OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

4 **Click [Quick Install].**

The software license agreement appears in the **[License Agreement]** dialog box.

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E After reading through the contents, click **[I accept the agreement]** to agree with the license agreement, and then click **[Next]**.

F Click the machine model you are using when the **[Select Printer]** dialog box appears.

   * *Note*

   ❒ For a TCP/IP network connection, select the machine whose IP address is displayed in **[Connect To]**.

   ❒ For parallel connection, select the machine whose printer port is displayed in **[Connect To]**.

G Click **[Install].**

H Follow the instructions on the screen.

   A message prompting you to restart your computer may appear. To complete installation, restart your computer.

   ⚜*Important*

   ❒ If the machine has options installed, you should set the options using the printer driver. See p.16 "Setting Up Options - PCL 6/5e and RPCS".

   * *Note*

   ❒ If you want to change the printer name, follow the procedure below:

     • **Windows 95/98/Me, Windows 2000, Windows NT 4.0**
     On the taskbar, click the **[Start]** button, point to **[Settings]**, and then click **[Printers]**. The Printer window appears. Right-click the machine icon, and then select **[Rename]**.

   • **Windows XP Professional**
   On the taskbar, click the **[Start]**button, and then **[Printers and Faxes]**. The Printers and Faxes window appears. Right-click the machine icon, and then select **[Rename]**.

   • **Windows XP Home Edition**
   On the taskbar, click the **[Start]** button, and then click**[Control Panel]**. Click **[Printers and Other Hardware]**, and then click **[Printers and Faxes]**. The Printers and Faxes window appears. Right-click the machine icon, and then select **[Rename]**.

Installing the PCL 6/5e and RPCS™ Printer Driver

This section gives basic instructions for installing the PCL 6/5e printer driver and RPCS™ printer driver without using Quick Install. Follow the procedures below as appropriate.

   *⌕*Reference*

   See p.11 "Quick Install" to install the PCL 6 printer driver or RPCS™ printer driver using Quick Install.

   *♟*Limitation*

   ❒ If your operating system is Windows 2000/XP or Windows NT 4.0, installing a printer driver using Auto Run requires Administrator permission. When you install a printer driver using Auto Run, log on using an account that has Administrator permission.

❗Important

❐ If your operating system is Windows NT 4.0, we recommend that you upgrade the Windows NT 4.0 operating system to Service Pack 4 or later before installing the printer drivers. Contact your Windows retailer for more information about the latest version available.

📝 Note

❐ If you want to share the machine on a Windows 2000/XP or Windows NT 4.0 platform, use the **[Sharing]** tab in the printer properties dialog box to specify the additional driver (alternate driver). For details, see the operating instructions that comes with Windows 2000/XP, or Windows NT 4.0.

❐ When prompted for the additional driver (alternate driver) location, select the following folders on the CD-ROM:

- **Windows 95/98/Me**
  PCL 6: \DRIVERS\PCL6\ WIN9X_ME\(Language)\DISK1\
  PCL 5e: \DRIVERS\PCL5E\ WIN9X_ME\(Language)\DISK1\
  RPCS™: \DRIVERS\RPCS\ WIN9X_ME\(Language)\DISK1\

- **Windows 2000/XP**
  PCL 6: \DRIVERS\PCL6\ WIN2K_XP\(Language)\DISK1\
  PCL 5e: \DRIVERS\PCL5E\ WIN2K_XP\(Language)\DISK1\
  RPCS™: \DRIVERS\RPCS\ WIN2K_XP\(Language)\DISK1\

- **Windows NT 4.0**
  PCL 6: \DRIVERS\PCL6\ NT4\(Language)\DISK1\
  PCL 5e: \DRIVERS\PCL5E\ NT4\(Language)\DISK1\
  RPCS™: \DRIVERS\RPCS\ NT4\(Language)\DISK1\

A **Close all applications running.**

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

Auto Run will start the installer.

C **Select a language for the interface language, and then click [OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

D **Click [PCL/RPCS Printer Drivers].**

The software license agreement appears in the **[License Agreement]** dialog box.

E **After reading through the contents, click [I accept the agreement] to agree with the license agreement, and then click [Next].**

F **Select the printer drivers you want to install when the [Select Program] dialog box appears, and then click [Next].**

G **Select the model of the machine you are using.**

To change the printer name, change it in the **[Change settings for 'Printer Name']** box.

H **Double-click the machine name to display the printer settings.**

I Select SmartNetMonitor.

SmartNetMonitor

A Select **[Port:]**, and then click **[Add]**.

B Select **[SmartNetMonitor]**, and then click **[OK].**

C Select a printer you want to use.

❖ **TCP/IP**

① Click **[TCP/IP]**, and then click **[Search]**.
Available printers will be listed.

② Click the printer you want to use, and then click **[OK]**.

📝 **Note**

❒ Printers that respond to an IP broadcast from the computer will be displayed. To print to a printer not listed here, click **[Specify Address]**, and then type the IP address or host name.

❒ You cannot add an address partially similar to that already used. For example, when "192.168.0.2" is already used, "192.168.0.2xx" cannot be used. Similarly, when "192.168.0.20" is already used, "192.168.0.2" cannot be used.

❖ **NetBEUI**

① Click **[NetBEUI]**, and then click **[Search]**.
A list of printers that can be used by the NetBEUI protocol appears.

② Click the printer you want to use, and then click **[OK]**.

📝 **Note**

❒ NetBEUI protocol cannot be used under Windows XP.

❒ Printers that respond to a broadcast from the computer will be displayed. To print to a printer not listed here, click **[Specify Address]**, and then type the NetBEUI address. Confirm the NetBEUI address on the network is on the configuration page. For more information about printing the configuration page, see "Printer Features Parameters", *Printer Reference 2*. NetBEUI address appears as "\\RNPxxxx\xxx" on the configuration page. Type the printer's network path name in the form of "%%Computer name\Share name". Do not type "\\" as head characters but "%%".

❒ You cannot print to printers beyond routers.

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❖ **IPP**

① Click **[IPP]**.
The IPP setting dialog box appears.

② To specify the IP address of the printer, type "http://printer's-ip-address/printer" or "ipp://printer's-ip-address/printer" in the **[Printer URL]** field.
(Example IP address is 192.168.15.16)

```
ht-
tp://192.168.15.16/
printer
ipp://192.168.15.16
/printer
```

③ As necessary, type the names to distinguish the printer in **[IPP Port Name]**. Type a different name from those of any existing port name.
If you omit this, the address typed in **[Printer URL]** will be set as the IPP port name.

④ If a proxy server and IPP user name are used, click **[Detailed Settings]**, and then configure the necessary settings.

  📝 **Note**
  ❒ For more information about these settings, see SmartNetMonitor for Client Help.

⑤ Click **[OK]**.

🔟 **Make sure the location for the selected printer is shown after [Port:].**

⓫ **Configure the User Code and default printer as necessary.**

❖ **User Code**
User codes are eight digit codes that allow you to keep track of printing done under each code. To use this feature, the network administrator should assign user codes and inform users of them before they install the printer driver.
Use the following methods to enter a user code for registration:

• For the PCL 6/5e or PostScript 3 printer drivers, enter the user code on the **[Statistics]** tab in the printer properties dialog box.

• For the RPCS™ printer driver, click the **[Printer Configuration]** button on the **[Print Settings]** tab in the printer properties dialog box. A window opens. Click the **[User Code]** button in the opened window. A dialog box appears. Enter the user code in the dialog box.

📝 **Note**
❒ When using the RPCS™ printer driver on Windows 95/98/Me, the user code cannot be changed once entered. To change an entered user code, uninstall the printer driver, reinstall it, and then enter a new user code.

🔍 **Reference**
For more information about user codes, see "User Codes", *General Settings Guide*.

❖ **Default Printer**
Check **[Default Printer]** to set the printer as the default printer.

L **Click [Continue] to start printer driver installation.**

M **Follow the instructions on the screen.**

Changing Port Settings

Follow the steps to change SmartNet-Monitor for Client settings, such as the proxy server settings or IPP URL.

Note

❒ There are no settings for the Net-BEUI protocol.

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

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

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

• For TCP/IP protocol, you can configure Timeout Settings.

Note

❒ If you cannot set items on the **[Recovery/Parallel Printing]** tab, follow the procedure below.

① Click **[Cancel]** to close the **[Port Configuration:]** dialog box.

② Start SmartNetMonitor for Client, and then right-click the SmartNetMonitor for Client icon on the taskbar.

③ Click **[Extended Features Settings]**, and then select the **[Set Recovery/Parallel Printing for each port]** check box.

④ Click **[OK]** to close the **[Extended Features Settings]** dialog box.

• For IPP, you can configure User Settings, Proxy Settings and Timeout Settings.

Note

❒ For more information about these settings, see SmartNet-Monitor for Client Help.

Setting Up Options - PCL 6/5e and RPCS

If the machine has options installed, you should set the options using the printer driver.

Limitation

❒ In Windows 2000/XP, changing printer settings requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

❒ In Windows NT 4.0, changing setting of the printer requires Full Control permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

When setting up options, you should access the printer properties dialog box from Windows. You cannot set up options by accessing the printer properties dialog box from an application.

PCL 6/5e printer driver

A **On the taskbar, click the [Start] button, point to [Settings], and then click [Printers].**

The **[Printers]** window appears.

📝 Note
❒ In Windows XP Professional, access the **[Printers and Faxes]** window from the **[Start]** button on the taskbar.

❒ In Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking the**[Start]** button on the taskbar, click **[Control Panel]**, click **[Printers and Other Hardware]**, and then **[Printers and Faxes]**.

B **Click the icon of the machine you want to use.**

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

The printer properties dialog box appears.

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

E **Select the options installed from the [Options] group.**

F **Click [OK].**

RPCS™ Printer Driver

A **On the taskbar, click the [Start] button, point to [Settings], and then click [Printers].**

The **[Printers]** window appears.

📝 Note
❒ In Windows XP Professional, access the **[Printers and Faxes]** window from the **[Start]** button on the taskbar.

❒ In Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking the**[Start]** button on the taskbar, click **[Control Panel]**, click **[Printers and Other Hardware]**, and then click **[Printers and Faxes]**.

B **Click the icon of the machine you want to use.**

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

The printer properties dialog box appears.

📝 Note
❒ If the following message appears "Configure installed accessories in the **[Accessories]** tab of **[Printer Configuration]**, which will open next.", click **[OK]**, and then proceed to step **E**.

D **Click the [Change Accessories] tab.**

📝 Note
❒ In Windows 95/98/Me, click **[Printer Configuration]** on the **[Print Settings]** tab, and then click **[Change Accessories]**.

E **Select the options installed from the [Select printer options] group.**

F **Click [OK].**

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Installing the PostScript 3 Printer Driver

This section gives basic instructions for installing the PostScript 3 printer driver. Actual procedures may differ depending on the operating system. Follow the procedures below as appropriate.

$\mathcal{P}$ Reference

To use the PostScript 3 printer driver, the optional PostScript 3 board must be installed on the machine. See *PostScript 3 Unit Type 2105 Operating Instructions Supplement* for details.

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

A **Close all applications running.**

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

Auto Run will start the installer.

C **Select a language for the interface language, and then click [OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

Limitation

❒ The printer driver will be installed in English if you select the following languages: Cestina, Polski and Suomi.

Note

❒ The printer driver with the selected language will be installed.

D **Select [PostScript 3 Printer Driver].**

[Add Printer Wizard] starts.

E **Click [Next].**

F **Check [Local Printer], and then click [Next].**

A dialog box for selecting the printer appears.

G **Select the model of the machine you are using, and then click [Next].**

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

I **Change the name of the machine if you want to, and then click [Next].**

Note

❒ Check **[Yes]** if you want to set the machine as the default printer.

J **Follow the instructions on the screen.**

Windows 95/98/Me - Setting up options

If the machine has options installed, you should set the options using the printer driver.

A **On the taskbar, click the [Start] button, point to [Settings], and then click [Printers].**

The **[Printers]** window appears.

B **Click the icon of the machine you want to use.**

C On the **[File]** menu, click **[Proper-ties]**.

The printer properties dialog box appears.

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

E Select the options you have installed from the **[Options]** group.

F Click **[OK]**.

Windows 2000/XP - Installing the PostScript 3 Printer Driver

♣ Limitation
❒ Installing a printer driver requires Administrator permission. When you install a printer driver, log on using an account that has Administrator permission.

✐ Note
❒ If you want to share the machine on a Windows 2000/XP platform, use the **[Sharing]** tab in the printer properties dialog box to specify the additional driver (alternate driver). For details, see the operating instructions that comes with Windows 2000/XP.

❒ When prompted for the additional driver (alternate driver) location, select the following folders on the CD-ROM:
- **Windows 95/98/Me:** \DRIVERS\ PS\WIN9X_ME\(Language)\ DISK1\
- **Windows NT 4.0:** \DRIVERS\ PS\NT4\(Language)\DISK1\

A Close all applications that are running.

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

Auto Run will start the installer.

C Select a language for the interface language, and then click **[OK]**.

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

♣ Limitation
❒ The printer driver will be installed in English if you select the following languages: Cestina, Polski and Suomi.

✐ Note
❒ The printer driver with the selected language will be installed.

D Select **[PostScript 3 Printer Driver]**.

[Add Printer Wizard] starts.

E Click **[Next]**.

F Check **[Local Printer]**, and then click **[Next]**.

✐ Note
❒ In Windows XP, check **[Local printer attached to this computer]**, and then click **[Next]**.

A dialog box for selecting the printer port appears.

G Select the check box of the port you want to use, and then click **[Next]**.

A dialog box for selecting the printer appears.

H Select the model of the machine you are using, and then click **[Next]**.

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9 **Change the name of the machine if you want to, and then click [Next].**

📝 **Note**

❒ Check **[Yes]** if you want to set the machine as the default printer.

10 **Select whether or not you want to share the machine, and then click [Next].**

🔎 **Reference**

See *Network Printing Guide* for information about setting up and using the machine in a network environment.

11 **Follow the instructions on the screen.**

Windows 2000/XP - Setting up options

If the machine has options installed, you should set the options using the printer driver.

⚠ **Limitation**

❒ Changing the printer settings requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

A **On the taskbar, click the [Start] button, point to [Settings], and then click [Printers].**

The **[Printers]** window appears.

📝 **Note**

❒ In Windows XP Professional, access the **[Printers and Faxes]** window from the **[Start]** button on the taskbar.

❒ In Windows XP Home Edition, access the **[Printers and Faxes]** window by clicking the **[Start]** button on the taskbar, click **[Control Panel]**, **[Printers and Other Hardware]**, and then click**[Printers and Faxes]**.

B **Click the icon of the machine you want to use.**

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

The printer properties dialog box appears.

D **Click the [Device Settings] tab.**

E **Select the options you have installed from the [Installable Options] group.**

F **Click [OK].**

Windows NT 4.0 - Installing the PostScript 3 Printer Driver

⚠ **Limitation**

❒ Installing a printer driver requires Administrator permission. When you install a printer driver, log on using an account that has Administrator permission.

⚡**Important**

❒ The CD-ROM containing Windows NT Server operating system version 4.0, or the Windows NT Workstation operating system is required for installing the printer driver.

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❒ We recommend that you upgrade Windows NT 4.0 operating system to Service Pack 6 or later before installing the printer driver. Contact your Windows retailer for more information about the latest version available.

✐ Note

❒ If you want to share the machine on Windows NT 4.0, use the **[Sharing]** tab in the printer properties dialog box to specify the additional driver (alternate driver). For details, see the operating instructions that comes with Windows NT 4.0.

❒ When prompted for the additional driver (alternate driver) location, select the following folders on the CD-ROM:

- **Windows 95/98/Me:** \DRIVERS\ PS\WIN9X_ME\(Language)\ DISK1\

A Close all applications running.

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

Auto Run will start the installer.

C Select a language for the interface language, and then click **[OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

❢ Limitation

❒ The printer driver will be installed in English if you select the following languages: Cestina, Polski and Suomi.

✐ Note

❒ The printer driver with the selected language will be installed.

D Select **[PostScript 3 Printer Driver].**

[Add Printer Wizard] starts.

E Confirm that the **[My Computer]** option is selected, click **[Next].**

A dialog box for selecting the printer port appears.

F Select the check box of the port you want to use, and then click **[Next].**

A dialog box for selecting the printer appears.

G Select the model of the machine you are using, and then click **[Next].**

H Change the name of the machine if you want to, and then click **[Next].**

✐ Note

❒ Check **[Yes]** if you want to set the machine as the default printer.

I Select whether or not you want to share the machine, and then click **[Next].**

℘ Reference

See *Network Printing Guide* for information about setting up and using the machine in a network environment.

J Follow the instructions on the screen.

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Windows NT 4.0 - Setting up options

If the machine has options installed, you should set the options using the printer driver.

☝ Limitation

❒ Changing printer settings requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

A **On the taskbar, click the [Start] button, point to [Settings], and then click [Printers].**

The **[Printers]** window appears.

B **Click the icon of the machine you want to use.**

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

The printer properties dialog box appears.

D **Click the [Device Settings] tab.**

E **Select the options you have installed from the [Installable Options] group.**

F **Click [OK].**

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☼ Bidirectional transmission

When bidirectional transmission is enabled, information such as paper size and feed orientation is automatically sent to the computer. You can also check the machine status from your computer.

- Bidirectional transmissions are supported by Windows 95/98/Me, Windows 2000/XP, and Windows NT 4.0.

- When bidirectional transmission is running, machine status and information can be viewed by opening the printer driver screen.

To support bidirectional transmission, the following conditions are required:

❖ When connecting with a parallel cable

- The computer must support bidirectional transmission.

- The machine must be set to bidirectional transmission.

- The machine parallel port and computer parallel port are connected using a parallel interface cable that supports bidirectional transmission.

✐ Note

❒ In Windows 95/98/Me, **[Enable bi-directional support for this printer]** must be selected in **[Spool Settings]** on the **[Details]** tab in RPCS^{TM} printer driver.

❒ In Windows 2000/XP, or Windows NT 4.0, **[Enable bidirectional support]** must be selected, and **[Enable printer pooling]** must not be selected on the **[Port]** tab in RPCS^{TM} printer driver.

❖ When connecting with the network

- The machine must be set to bidirectional transmission.

- SmartNetMonitor for Client included on the CD-ROM must be installed.

One of the following conditions must also be satisfied besides the two requirements mentioned above:

- The port for SmartNetMonitor for Client and TCP/IP must be used.
- The standard TCP/IP port is used without changing the port name (Windows 2000/XP).
- The IP address specified in the Microsoft TCP/IP Print is used (Windows NT 4.0).
- The IP address is included in port name when using IPP protocol.

📎 **Note**

❒ In Windows 95/98/Me, **[Enable bi-directional support for this printer]** must be selected in **[Spool Settings]** on the **[Details]** tab in RPCS™ printer driver.

❒ In Windows 2000/XP, or Windows NT 4.0, **[Enable bidirectional support]** must be selected, and **[Enable printer pooling]** must not be selected on the **[Port]** tab in RPCS™ printer driver.

❖ **When connecting with IEEE 1394**

- The port on the optional IEEE 1394 Interface Board and the IEEE 1394 port on the computer are connected using an interface cable (Windows 2000/XP).

📎 **Note**

❒ **[SCSI print (SBP-2)]** must be set to Active and **[Bidirectional SCSI print]** must be set to On in **[IEEE 1394]** on the **[Interface Settings]** tab in the machine's System Settings.

❒ In Windows Me, **[Enable bi-directional support for this printer]** must be selected in **[Spool Settings]** on the **[Details]** tab in RPCS™ printer driver.

❒ In Windows 2000/XP, or Windows NT 4.0, **[Enable bidirectional support]** must be selected, and **[Enable printer pooling]** must not be selected on the **[Port]** tab in RPCS™ printer driver.

❖ **When connecting with USB 2.0**

- The port on the optional USB 2.0 interface board and the USB port on the computer are connected using a USB interface cable (Windows 98 SE/Me, Windows 2000/XP).

📎 **Note**

❒ In Windows 98 SE/Me, **[Enable bi-directional support for this printer]** must be selected in **[Spool Settings]** on the **[Details]** tab in RPCS™ printer driver.

❒ In Windows 2000/XP, **[Enable bidirectional support]** must be selected, and **[Enable printer pooling]** must not be selected on the **[Port]** tab in RPCS™ printer driver.

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2

Mac OS - Installing the PostScript 3 Printer Driver and Utilities

It is necessary to install a printer driver and a PPD file to print from a Macintosh.

Follow the procedures to install a printer driver and a PPD file on Macintosh running OS 8.6 or later versions up to 9.2, and Mac OS X Classic mode.

🖉 Note

❒ For the installation under Mac OS X (v10.1.x), see p.26 "Mac OS X - Installing the PostScript 3 Printer Driver"

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

B **Double-click the CD-ROM icon.**

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

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

E **Double-click the folder of the language you use.**

F **Open [Disk 1], and then double-click the installer icon.**

The PostScript 3 printer driver installer window appears.

G **Follow the instructions on the screen.**

H **Double-click [Extensions] in [System Folder].**

I **Double-click [Printer Descriptions].**

J **Double-click the CD-ROM icon on the desktop.**

K **Double-click the [Printer Descriptions] folder in the [Mac OS 8 and 9] folder.**

L **Double-click [Disk 1] in the folder of the language you use.**

M **Drag the PPD file into [Printer Descriptions] in [Extensions] in [System Folder].**

N **Restart the Macintosh.**

Setting Up the PPD File

📖 Preparation

Make sure that the machine is connected to an AppleTalk network before performing the following procedure:

A **On the Apple menu, select [Chooser].**

B **Click the [Adobe PS] icon.**

C **In the [Select a PostScript Printer:] list, click the name of the machine you want to use.**

D **Click [Setup].**

E **Click the printer description file you want to use, and then click [Select].**

The PPD file is set up, and the **[Adobe PS]** icon appears at the left of the machine name in the list. Next, follow the procedure on p.25 "Setting up options" to make the option settings, or close the **[Chooser]** dialog box.

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Setting up options

A On the Apple menu, select [Chooser].

B Click the [Adobe PS] icon.

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

D Click [Configure].

A list of options appears.

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

Note
❒ If the option you want to set up is not displayed, the PPD file might not be set up correctly. Check the name of the PPD file shown in the dialog box.

F Click [OK].

The list of options closes.

G Click [OK].

The [Chooser] dialog box appears.

H Close the [Chooser] dialog box.

Installing Adobe Type Manager (ATM)

Note
❒ Close all applications running before installation. Install after restarting.

A Start the Macintosh.

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

C Double-click the CD-ROM icon.

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

E Double-click the [ATM] folder.

F Double-click the [ATM 4.6.2 installer] icon.

G Follow the instructions on screen.

H Restart the Macintosh.

Note
❒ Make sure to restart the computer. ATM will be completely installed only after restarting.

I Select [Control Panel] from the Apple menu, and then select [ATM].

J Open the ATM control panel.

Note
❒ For more information about installation, see the User's Guide in the ATM folder.

Installing screen fonts

A Start the Macintosh.

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

C Double-click the CD-ROM icon.

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

E Double-click the [Fonts] folder.

F Copy the fonts you want to install into the [System] folder.

A confirmation dialog box appears.

G Click [OK].

The fonts are installed.

2

⟨8⟩ Restart the Macintosh.

⌕ Reference

For information about installing the Printer Utility for Mac, see *PostScript 3 Unit Type 2105 Operating Instructions Supplement*.

Mac OS X - Installing the PostScript 3 Printer Driver

It is necessary to install a PPD file to print from a Macintosh. Follow the procedures to install a PPD file on Macintosh running Mac OS X.

Printer driver is included in Mac OS. When printing under Mac OS X v10.1.x, use the printer driver included in Mac OS.

📑 Preparation

You need an administrator name and a password (phrase). For more information, consult your administrator.

⟨A⟩ Insert the CD-ROM into the CD-ROM drive.

⟨B⟩ Double-click the CD-ROM icon.

⟨C⟩ Double-click the [Mac OS X] folder.

⟨D⟩ Double-click the [PPD Installer] folder, and then double-click the installer icon.

⟨E⟩ Follow the instructions on screen.

Setting Up the PPD File

⟨A⟩ Run Print Center.

⟨B⟩ Click [Add Printer].

🖉 Note

❒ Select **[AppleTalk]** in the first pop-up menu.

❒ If the zone has been set, select the zone in the second pop-up menu.

⟨C⟩ Select the PPD file for the model you are using from the [Printer Model:]pop-up menu.

⟨D⟩ Click [Add].

Setting Up Options

♦ Limitation

❒ You can make all the settings of printer features, even if the necessary option is not installed, due to the limitation of Mac OS X native mode. Confirm which option is installed to the machine before you print.

Installing the Printer Driver Using USB

This section gives basic instructions for installing printer drivers using USB. The printer drivers can be installed from the CD-ROM that comes with this machine.

📑 Preparation

Make sure that all other applications are closed and the computer is not printing before installation.

Windows 98 SE/Me - Installing the Printer Driver Using USB

The procedure below uses Windows 98 as an example. The procedure for Windows Me may be slightly different.

When the USB interface cable is used for the first time, the "plug and play" function starts and **[New Hardware Found]**, **[Device Driver Wizard]** or **[Found New Hardware Wizard]** dialog box appears, depending on the system used.

If printer drivers are already installed, the "plug and play" is displayed, and the printer with its port directed to the USB interface cable is added to the Printers folder.

A **Click [Next].**

B **Select [Search for the best driver for your device. {Recommended}.], and then click [Next].**

C **Check [Specify a location:], and then click [Browse...].**

The **[Browse for Folder]** dialog box appears.

D **Insert the CD-ROM provided into the CD-ROM drive.**

📎 **Note**

❒ When Auto Run starts, click **[Exit]**.

❒ If you want to disable Auto Run, press 【Shift】 when inserting the CD-ROM into the drive and keep it pressed until the computer completes transmission to the drive.

E **Select the drive where the printer driver is located according to the operating system used, and then click [Next].**

If the CD-ROM drive is D, the folder will be "D:\DRIVERS\USB-PRINT\WIN98ME".

F **Confirm the printer driver location, and then click [Next].**

USB Printing Support will be installed.

G **Click [Finish].**

H **Follow the "plug and play" on the screen to install the printer drivers.**

📎 **Note**

❒ Each printer driver is stored in the following folders on the CD-ROM:

- **PCL 6:** \DRIVERS\PCL6\ WIN9X_ME\(Language)\DISK1

- **PCL 5e:** \DRIVERS\PCL5E\ WIN9X_ME\(Language)\DISK1

- **RPCS^{TM}:** \DRIVERS\RPCS\ WIN9X_ME\(Language)\DISK1

- **PostScript 3:** \DRIVERS\PS\ WIN9X_ME\(Language)\DISK1

When installation is complete, the printer with its port directed to "USB00n" appears on the **[Printers]** folder. ("n" is the number of printers connected.)

Windows 2000/XP - Installing the Printer Driver Using USB

📌 **Limitation**

❒ Installing a printer driver requires the Administrators permission. When you install a printer driver, log on using an account that has Administrator permission.

When the USB interface cable is used for the first time, the **[Found New Hardware Wizard]** dialog box appears, and Windows 2000/XP's USB Printing Support will be installed automatically.

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If the printer driver is already installed, the "plug and play" is displayed, and the printer with its port directed to the USB interface cable is added to the **[Printers]** [1] folder.

✐ Note

❒ In Windows XP, even if the printer driver has already been installed, **[Found New Hardware Wizard]** may start when connecting the printer and the computer with the USB interface cable for the first time. In this case, install the printer driver by following the procedure below:

A **Install the printer driver by referring to the instructions for installing using a Parallel/Ethernet connection.**

✐ Note

❒ Each printer driver is stored in the following folders on the CD-ROM:

- **PCL 6:** \DRIVERS\PCL6\ WIN2K_XP\(Language)\DISK1
- **PCL 5e:** \DRIVERS\PCL5E\ WIN2K_XP\(Language)\DISK1
- **RPCS™:** \DRIVERS\RPCS\ WIN2K_XP\(Language)\DISK1
- **PostScript 3:** \DRIVERS\PS\ WIN2K_XP\(Language)\DISK1

When installation is complete, the printer with its port directed to "USB00n" appears on the **[Printers]** [1] folder. ("n" is the number of printers connected.)

[1] In Windows XP, the folder is **[Printers and Faxes]**.

Macintosh - Creating a Desktop Printer Icon

When you connect the machine and your computer using a USB 2.0 connection, create a Desktop Printer icon.

❤ Limitation

❒ In Mac OS X Native mode, printing is disabled when connected to the machine using a USB connection.

A **Double-click [Desktop Printer Utility] in the [AdobePS Components] folder.**

B **Select [AdobePS] in [With:] and [Printer (USB)] in [Create Desktop], and then click [OK].**

C **Click [Change] in [USB Printer Selection].**

D **Select the model of the machine you are using in [Select a USB Printer:], and then click [OK].**

E **Click [Auto Setup] in [PostScript™ Printer Description (PPD) File].**

F **Click [Create].**

G **Enter the machine name, and then click [Save].**

The printer icon appears on the desktop.

H **Exit the Desktop Printer Utility.**

Installing the Printer Driver Using IEEE 1394

Printing using a SCSI print device with the optional 1394 interface unit is possible under Windows 2000, or Windows XP.

📑 Preparation

Make sure that all other applications are closed and the computer is not printing before installation.

🔧Important

❒ When the printer driver is being installed, do not turn on the power of other printers connected to the same bus, or connect another IEEE 1394 device.

❒ Before uninstalling the printer driver, be sure to disconnect the IEEE 1394 interface cable from the computer.

❒ SCSI print must be enabled using the control panel. See "Interface Settings/IEEE 1394", *Network Guide*.

❒ SCSI print using the optional IEEE 1394 interface board is not supported by Windows 95/98/Me, or Windows NT 4.0. If the "plug and play" function starts, click **[Cancel]** in the **[New Hardware Found]** or **[Device Driver Wizard]** dialog box.

📝 Note

❒ If **[Found New Hardware Wizard]** appears every time the computer is started or the cable is connected with Windows 2000 or Windows XP when the printer function that uses SCSI print is not installed, disable the device. See p.30 "Disabling the Device" for more information.

❒ If you send data from your computer when data is being received from another client computer, your data will be printed after completing the print job for the other client computer.

❒ When the machine is connected to the computer properly via the 1394 interface, the appearance of the icon in the printer window changes.

Windows 2000

🔧Important

❒ In Windows 2000, the optional IEEE 1394 Interface Board can only be used with Service Pack 1 or later. If the Service Pack is not installed, the connectable number of devices in an IEEE 1394 bus is only one, and the client cannot access the IEEE 1394 Interface Board without using an account that has Administrator permission.

A Connect the machine and the computer using the IEEE 1394 interface cable.

The **[Found New Hardware Wizard]** dialog box appears.

B Click [Next].

The message **[This wizard will complete the installation for this Device: Unknown]** appears.

C Select [Optional search locations:], and then click [Next].

D When the [Locate Driver Files] message appears, select the [Optional search locations.] check box and the [Specify a location] checkbox, and then click [Next].

E **Hold down the left【SHIFT】key on the keyboard and insert the CD-ROM into the CD-ROM drive.**

Keep the left **【SHIFT】** key held down until the computer has finished accessing the CD-ROM.

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

F **Click [Browse].**

G **Select the printer driver you want to install. Each printer driver is stored in the following folders:**

- **PCL 6:** \DRIVERS\PCL6\ WIN2K_XP\(Language)\DISK1
- **PCL 5e:** \DRIVERS\PCL5E\ WIN2K_XP\(Language)\DISK1
- **RPCS™:** \DRIVERS\RPCS\ WIN2K_XP\(Language)\DISK1
- **PostScript 3:** \DRIVERS\PS\ WIN2K_XP\(Language)\DISK1

H **Click [Open].**

I **Click [OK].**

A printer model selection dialog box appears.

J **Follow the instructions on the screen.**

✎ Note

❒ When installation is complete, the printer with its port directed to "1394_00n" appears on the **[Printers]** folder. ("n" is the number of printers connected.)

Windows XP

A **Connect the machine and the computer using the IEEE 1394 interface cable.**

The **[Found New Hardware Wizard]** dialog box appears.

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B **Confirm that [This wizard helps you install software for: (printer name)] is displayed, and select [Install from a list on specific location (Advanced)], and then click [Next].**

The message **[Please choose your search and installation option.]** appears.

C **Select [Search for the best driver in these locations.] check box, and the [Include this location in the search:] check box.**

D **Install the printer driver following the same procedures as steps E-J in Windows 2000.**

✎ Note

❒ When installation is complete, the printer with its port directed to "1394_00n" appears on the **[Printers and Faxes]** folder. ("n" is the number of printers connected.)

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*☼*Disabling the Device

❖ **If [Add New Hardware Wizard] appears every time you restart the computer with an operating system that does not support SCSI print, or plug in/take out the cable, disable the device with the following procedure:**

- Windows Me

  ① In the **[Add New Hardware Wizard]** dialog box, confirm that **[Windows has found the following new Hardware: IEEE SBP-2 Device]** is displayed, and select **[Recommended search for a better driver [Recommended]]**, and then click **[Next]**.

  ② When the **[Windows was unable to locate the software for this device.]** message appears, click **[Finish]**.

❖ **If you do not want to install the printer when [Found New Hardware Wizard] starts with an operating system that supports SCSI print, disable the device with the following procedure:**

- Windows XP

  ① In the **[Found New Hardware Wizard]** dialog box, confirm that **[This wizard helps you install software for: Unknown]** is displayed, and select **[Install from a list on specific location (Advanced)]**, and then click **[Next]**.

  ② When the **[Please choose your search and installation option.]** message appears, remove all selections from **[Search for the best driver in these locations.]**, and then click **[Next]**.

  ③ When the **[The wizard could not find the software on your computer for..]** message appears, click **[OK]**.

  ④ When the **[Cannot Install this Hardware]** message appears, select the **[Don't prompt again to install the software]** check box, and then click **[Finish]**.

- Windows 2000

  ① In the **[Found New Hardware Wizard]** dialog box, click **[Next]**.

  ② When the **[This wizard will complete the installation for this Device: Unknown]** message appears, select **[Search for a suitable driver for my device [recommended]]**, and then click **[Next]**.

③ When the **[Locate Driver Files]** message appears, remove all selections from **[Optional search locations.]**, and then click **[Next]**.

④ When the **[Driver Files Search Results]** message appears, select the **[Disable the device. The Add/Remove Hardware Wizard in the control Panel can be able to complete the driver installations.]** check box, and then click **[Finish]**.

❖ **If [Found New Hardware Wizard] appears every time you restart the computer with an operating system that does not support IP over 1394, or plug in/take out the cable, disable the device with the following procedure:**

- Windows 2000

  ① In **[Found New Hardware Wizard]** dialog box, click **[Next]**.

  ② When the **[This wizard will complete the installation for this Device:]** message and "IP over 1394" appear, select **[Search for a suitable driver for my device [recommended]]**, and then click **[Next]**.

  ③ When the **[Locate Driver Files]** message appears, remove all selections from **[Optional search locations.]**, and then click **[Next]**.

  ④ When the **[Driver Files Search Results]** message appears, select the **[Disable the device. The Add/Remove Hardware Wizard in the Control Panel can be able to complete the driver installations.]** check box, and then click **[Finish]**.

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Installing SmartNetMonitor for Client/Admin

Limitation

❒ If your operating system is Windows 2000/XP or Windows NT 4.0, installing software using Auto Run requires Administrator permission. When you install a printer driver using Auto Run, log on using an account that has Administrator permission.

A **Close all applications running.**

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

Auto Run will start the installer.

C **Select a language for the interface language, and then click [OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

D **Click [SmartNetMonitor for Client/Admin].**

The software license agreement appears in the **[License Agreement]** dialog box.

E **After reading through the contents, click [I accept the agreement] to agree with the license agreement, and then click [Next].**

F **Select the program you want to install when the [Select Program] dialog box appears.**

G **Follow the instructions on the screen.**

Note

❒ To install SmartNetMonitor for Client on the Terminal Server, set the computer to Install Mode. You can start Install Mode in either of the following two ways:

① Install the program using **[Add/Remove Programs]** in **[Control Panel]**.

② Enter the following command at the MS-DOS Prompt.

CHANGE USER /INSTALL
To quit Install Mode, enter the following command at the MS-DOS Prompt:

CHANGE USER /EXECUTE
For details, see Windows Help.

Installing Agfa Monotype Font Manager 2000

Limitation

❒ If your operating system is Windows 2000/XP or Windows NT 4.0, installing software using Auto Run requires Administrator permission. When you install a printer driver using Auto Run, log on using an account that has Administrator permission.

Note

❒ Agfa Monotype Font Manager 2000 English version is provided.

A **Close all applications running.**

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

Auto Run will start the installer.

C **Select a language for the interface language, and then click [OK].**

The following languages are available: Cestina (Czech), Dansk (Danish), Deutsch (German), English (English), Espanol (Spanish), Francais (French), Italiano (Italian), Nederlands (Dutch), Norsk (Norwegian), Polski (Polish), Suomi (Finnish), Svenska (Swedish)

The default interface language is English.

D **Select [Agfa Monotype Font Manager 2000].**

E **Follow the instructions on the screen.**

Using Adobe PageMaker Version 6.0, 6.5, or 7.0

If you use the machine under Windows 95/98/Me, Windows 2000/XP, or Windows NT 4.0 with Adobe Page-Maker, you need to copy the PPD file to the PageMaker folder.

The PPD file is the file with extension ".ppd" in the folder "DRIVERS\PS\WIN9X_ME\(Language)\DISK1\" on the CD-ROM.

The "WIN9X_ME" folder, inside the "PS" folder is for Windows 95/98/Me. Use the folder at a level appropriate for the operating system you are currently using.

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

Copy the file with extension ".ppd" to the PageMaker folder.

- **For PageMaker 6.0 default installation**
  The directory is "C:\PM6\RSRC\PPD4".

- **For PageMaker 6.5 default installation**
  The directory is "C:\PM65\RSRC\USENGLISH\PPD4".
  The "USENGLISH" may vary depending on your language selection.

- **For PageMaker 7.0 default installation**
  The directory is "C:\PM6\RSRC\USENGLISH\PPD4".
  The "USENGLISH" may vary depending on your language selection.

✐ Note

❒ When using PageMaker, the optional features that can be selected by the printer driver will not be active. The following procedure describes how to activate the optional printer features.

① On the **[File]** menu, click **[Print]**. The **[Print Document]** dialogue box appears.

② Make the necessary settings in the **[Features]** box.

Software and Utilities Included on the CD-ROM

There are two CD-ROMs that come with the printer option of this machine.

❖ **The Printer/Scanner Unit Type 2105 package contains the following CD-ROMs:**

- Printer Drivers and Utilities
- Operating Instructions for Printer/Scanner

The CD-ROM labeled "Printer Drivers and Utilities" is mainly used for machine printer functions. In this manual, "CD-ROM" refers to the "Printer Drivers and Utilities" CD-ROM unless specified otherwise.

Printer Drivers

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

Printer Language / Operating system	PCL 6	PCL 5e	RP CS^{T}M	PostScript 3
Windows 95 [1]	√	√	√	√[11]
Windows 98 [2]	√	√	√	√[11]
Windows Me [3]	√	√	√	√[11]
Windows 2000 [4]	√	√	√	√[12]
Windows XP [5]	√	√	√	√[12]

Printer Language	PCL 6	PCL 5e	RP CS^{T}M	PostScript 3
Windows NT 4.0 [6]	√ [9]	√ [9]	√ [9]	√[10] [11]
Mac OS [7]				√[11]
Mac OS X [8]				√[13]

[1] Microsoft Windows 95 operating system
[2] Microsoft Windows 98 operating system
[3] Microsoft Windows Millennium Edition
[4] Microsoft Windows 2000 Advanced Server
Microsoft Windows 2000 Server
Microsoft Windows 2000 Professional
[5] Microsoft Windows XP Professional
Microsoft Windows XP Home Edition
[6] Microsoft Windows NT Server operating system version 4.0, Microsoft Windows NT Workstation operating system version 4.0 in a computer using x86 processors.
[7] Versions 8.6 to 9.2 of the Mac OS (Mac OS X Classic mode is supported.)
[8] Mac OS X 10.1 or later (Native mode)
[9] Requires Service Pack 4 or later.
[10] Requires Service Pack 6 or later.
[11] The Adobe PostScript 3 printer drivers and PostScript Printer Description (PPD) files are included on the CD-ROM labeled "Printer Drivers and Utilities".
[12] The PostScript Printer Description (PPD) files are included on the CD-ROM labeled "Printer Drivers and Utilities".
[13] The Adobe PostScript Printer Description (PPD) installer is included on the CD-ROM labeled "Printer Drivers and Utilities".

❖ **PCL printer drivers**

Two kinds of PCL printer drivers: PCL 6 and PCL 5e, are included on the CD-ROM that comes with this machine. These drivers allow the computer to communicate with the machine via a printer language. We recommend PCL 6 as your first choice.

📝 **Note**

❒ Some applications may require installation of the PCL 5e printer driver. In this case, you can install PCL 5e without having to install PCL 6.

See p.12 "Installing the PCL 6/5e and RPCS^{TM} Printer Driver".

❖ **RPCS^{TM} printer driver**

The RPCS^{TM} printer drivers are included on the CD-ROM that comes with this machine. This printer driver allows the computer to communicate with the machine via a printer language. The preset type user interface is provided in addition to the conventional one.

See p.12 "Installing the PCL 6/5e and RPCS^{TM} Printer Driver".

❖ **Adobe PostScript 3 Printer Drivers and PPD files**

The Adobe PostScript 3 printer drivers and the PPD files are included on the CD-ROM that comes with this machine. This printer driver allows the computer to communicate with the printer via a printer language. The PPD files allow the printer driver to enable the printer specific functions.

See p.18 "Installing the PostScript 3 Printer Driver".

Software and Utilities

❖ **SmartNetMonitor for Admin**

This utility is for the system administrator to manage printers on the network.

🔎 **Reference**

See SmartNetMonitor for Admin online Help for more information about using the SmartNetMonitor for Admin.

❖ **SmartNetMonitor for Client**

This utility is for users to manage their own print status on the network.

🔎 **Reference**

See SmartNetMonitor for Client online Help for more information about using the SmartNetMonitor for Client.

❖ **Agfa Monotype Font Manager 2000**

This utility helps you install new screen fonts, or organize and manage fonts already installed on the system.

❖ **1394 Utility**

This utility is for the IEEE 1394 Interface Board. For more information, see the Readme file or the manual that comes with the IEEE 1394 Interface Board option.

❖ **USB Printing Support**

This utility is for the USB 2.0 interface board. Install this utility to use the USB connection on computers running Windows 98 SE/Me. For information about installing, see p.26 "Installing the Printer Driver Using USB".

❖ **Acrobat Reader**
This utility allows you to read PDF (Portable Document Format).

📝 **Note**
❐ Documentation about using the machine is included on the CD-ROM in PDF format. See Acrobat Reader online Help for more information about using Acrobat Reader.

❖ **Printer Utility for Mac**
This utility allows users to download and manage a variety of fonts as well as manage their printers. For more information about this utility, see *PostScript 3 Unit Type 2105 Operating Instructions Supplement* which is provided as a PDF file on the CD-ROM labeled "Operating Instructions for Printer/Scanner".

⚙️**Important**
❐ Software and utilities must be uninstalled before installing newer versions of Windows. Reinstall software and utilities after upgrading Windows.

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Declaration of Conformity

"The Product complies with the requirements of the EMC Directive 89/336/EEC and its amending directives and the Low Voltage Directive 73/23/EEC and its amending directives."

Caution:

Network interface cables with ferrite core must be used for RF interference suppression.

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