



Introduction 5
How to Read This Manual 6

1. Macintosh Configuration

Configuring Macintosh 8
 Changing to EtherTalk 9
 Configuring the Printer 9
 Changing the Printer Name 10
 Changing the Zone 10

2. NetWare Configuration

Windows 95/98/Me 11
Windows 2000 14
Windows NT 4.0..... 17

3. Software and Utilities Included on the CD-ROM

Software and Utilities Included on the CD-ROM 20
Printer Drivers for This Printer..... 21
SmartNetMonitor for Admin 23
SmartNetMonitor for Client..... 25





4. Setting up the Printer Driver and Canceling a Print Job

PCL 5c - Accessing the Printer Properties	28
Windows 95/98/Me - Accessing the Printer Properties	28
Windows 2000 - Accessing the Printer Properties	30
Windows NT 4.0 - Accessing the Printer Properties.....	33
RPCS - Accessing the Printer Properties	36
Windows 95/98/Me - Accessing the Printer Properties	36
Windows 2000 - Accessing the Printer Properties	38
Windows NT 4.0 - Accessing the Printer Properties.....	41
PostScript 3 - Setting up for Printing	44
Windows 95/98/Me - Accessing the Printer Properties	44
Windows 2000 - Accessing the Printer Properties	46
Windows NT 4.0 - Accessing the Printer Properties.....	49
Macintosh - Setting up for Printing	52
Canceling a Print Job	54
Windows 95/98/Me - Canceling a Print Job	54
Windows 2000 - Canceling a Print Job	55
Windows NT 4.0 - Canceling a Print Job.....	57





5. Uninstalling the Printer Driver

Uninstalling the PCL 5c Printer Driver	59
Windows 95/98 - Uninstalling the PCL 5c Printer Driver	59
Windows 2000 - Uninstalling the PCL 5c Printer Driver	60
Windows NT 4.0 - Uninstalling the PCL 5c Printer Driver	61
Uninstalling the RPCS Printer Driver.....	62
Windows 95/98 - Uninstalling the RPCS Printer Driver	62
Windows 2000 - Uninstalling the RPCS Printer Driver.....	63
Windows NT 4.0 - Uninstalling the RPCS Printer Driver	64
Uninstalling the PostScript 3 Printer Driver	65
Windows 95/98 - Uninstalling the PostScript 3 Printer Driver.....	65
Windows 2000 - Uninstalling the PostScript 3 Printer Driver.....	66
Windows NT 4.0 - Uninstalling the PostScript 3 Printer Driver.....	67
Macintosh - Uninstalling the PostScript 3 Printer Driver	67

6. Sample Print/Locked Print

Sample Print.....	68
Printing the Remaining Sets	70
Deleting a Sample Print File	72
Checking the Error Log	74
Locked Print.....	76
Entering the Password	78
Deleting the Locked Print File	80
Checking the Error Log	82





7. Troubleshooting

Checking the Printer Status	84
SmartNetMonitor for Client	84
Web Browser	85

8. Appendix

Color Guide	86
Color Printing Basics	86
Staple and Punch Position	89
Stapling	89
Punching	91
Collate and Job Separation	94
INDEX	96





Introduction

To get maximum versatility from this machine all operators should carefully read and follow the instructions in this manual. Please keep this manual in a handy place near the machine.

Please read the Safety Information in the "Setup Guide" before using this machine. It contains important information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

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Note

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

- Microsoft® Windows® 95 operating system
 - Microsoft® Windows® 98 operating system
 - Microsoft® Windows® Millennium Edition (Windows Me)
 - Microsoft® Windows® 2000 Professional
 - Microsoft® Windows® 2000 Server
 - Microsoft® Windows NT® Server operating system Version 4.0
 - Microsoft® Windows NT® Workstation operating system Version 4.0
- 



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 be misfed, originals might be damaged, or data might be lost. Be sure to read this.

 **Preparation**


This symbol indicates the prior knowledge or preparations required before operating.

 **Note**

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

 **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 that appear on the machine's panel display.

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

【 】

Keys built into the machine's operation panel.

Keys on the computer's keyboard.

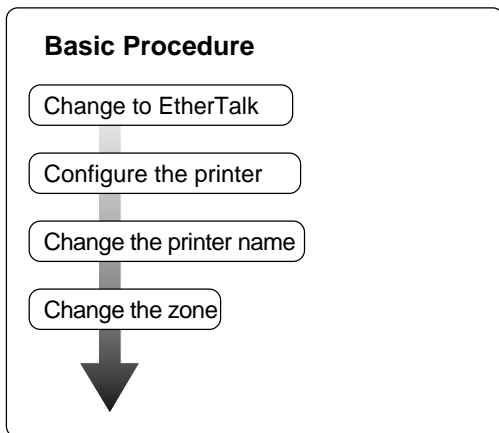




1. Macintosh Configuration

Configuring Macintosh

This section describes how to configure a Macintosh to use EtherTalk. The actual procedures to configure a Macintosh may differ depending on the version of the Mac OS. The following procedure describes how to configure Mac OS 8. If you are not using Mac OS 8, see the manual that comes with your version of the Mac OS for more information.



Limitation

- For use with Macintosh OS7.6 or later (excludes OS X).
- For use with a Macintosh, Power PC is required.

Note

- The PostScript 3 printer driver is stored in the following folder on the CD-ROM.

PS Driver:(language):Disk1



Changing to EtherTalk

Follow the procedure to configure a Macintosh to use EtherTalk.

Reference

- For more information about installing the software required for EtherTalk, see the Macintosh manuals.

- 1** Open [Control Panel], and then double-click the [AppleTalk] icon.
- 2** From the [Connect via:] pop-up menu, select "Ethernet".
- 3** If you change zones, select a name from the [Current zone:] pop-up menu.
- 4** Close the [AppleTalk] control panels.
- 5** Restart the computer.

Configuring the Printer

Use the operation panel to activate the AppleTalk protocol. (The factory default is active.)

Reference

- For more information about the configuration, see the "*Configuring the Printer for the Network with the Operation Panel*" in Administrator Reference 1 that comes with this printer.



Changing the Printer Name

If the network has several same model printers, the names will be the same. Printers that have the same name will have their names changed slightly in the Chooser. For example, three printers named "printer" will appear in the chooser as "printer0", "printer1" and "printer2".

For more information about changing the printer name, see the PostScript 3 Supplement.

Changing the Zone

It may be necessary to change the zone configuration.

For more information about changing the printer name, see the PostScript 3 Supplement.





2. NetWare Configuration

This chapter describes how to set up a client computer when using a NetWare print server.

Note

- This section assumes that the client has NetWare client applications installed and is correctly configured to communicate with a NetWare print server. If not, install the necessary applications before starting the setting up procedure.

Windows 95/98/Me

Follow the procedure to set up a Windows 95/98/Me client.

After installing the printer driver, change the print port to NetWare queue.

Preparation

- Log on to the NetWare file server before starting the following procedure.

1 Install the printer driver you want to use as "Local Printer".

Reference

- For more information about installing the printer driver, see Printer Client Reference 1 that comes with this printer.

Note

- Any port can be selected during the installation, however, LPT1 is recommended.

Important

- Never have two versions of the same printer driver installed on your system at the same time. When upgrading to a new version of the printer driver, delete the old version, and then install the new one.

2 Click [Start], point to [Settings], and then click [Printers].



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

4 Click the [Details] tab, and then click [Add Port].

5 Click [Network], and then click [Browse].

6 On the network tree, double-click the name of the file server.
The queues are displayed.

7 Click the queue you want to print, and then click [OK].

8 Click [OK].

In the [Print to the following port] box, a network path to the printer appears.

9 Click [OK] to close the Printer Properties, and again, open it.

10 Click the [Printer Settings] tab.

11 Click to clear the [Form Feed] and [Enable Banner] check boxes.

 **Note**

- You should not check these boxes because they should be specified using the printer driver. If they are selected, the printer might not print correctly.

When using the PostScript 3 printer driver

Follow these steps to set up for the PostScript 3 printer driver.

1 Click the [PostScript] tab.

2 Click [Advanced].

3 Click to clear the [Send CTRL+D before job] and [Send CTRL+D after job] check boxes.



12 Click **[OK]** to close the **Printer Properties**.



 **If a message is displayed during installation of the printer driver**

When there is a driver in the computer that is newer than the one currently being installed, A message window is displayed.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c
`DRIVERS\PCL5C\WIN9X_ME\ (Language) \DISK1`
- RPCS
`DRIVERS\RPCS\WIN9X_ME\ (Language) \DISK1`
- PostScript 3
`DRIVERS\PS\WIN9X_ME\ (Language) \DISK1`





Windows 2000

Preparation

- Log on to the NetWare file server before starting the following procedure. To use the NetWare server, select [Typical] installation.

1 Close all applications that are running.

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

The installer will start by Auto Run.

Important

- Never have two versions of the same printer driver installed on your system at the same time. When upgrading to a new version of the printer driver, delete the old version, and then install the new one.

Note

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

3 Follow the instructions on the screen.

4 Select [Typical] installation, and then click [Next].

5 Follow the instructions on the screen.

6 Click [Add] when the "Select Port" dialog box appears.

7 Select [network printer], and then click [OK].

8 Double-click the computer name you want to use as a print server in the "Browse for Printer" window.

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



10 After confirming that the pass indicates the selected printer has been displayed, click **[Next]**.

11 Follow the instructions on the screen.

12 Restart the computer after installation is complete.

 **Note**

- If the **[Digital Signature Not Found]** dialog box appears, click **[Yes]** to continue the installation.

13 Click **[Start]** on the task bar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window is displayed.

14 Click to select the icon of the printer you want to use, and then click **[Properties]** on the **[File]** menu.

The printer driver's property is displayed.

 **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.

15 Click the **[NetWare Settings]** tab.

16 Click to clear the **[Form feed]** and **[Enable banner]** check boxes, and then click **[OK]**.

When using the PostScript 3 printer driver

Follow these steps to set up for the PostScript 3 printer driver.

1 Click the **[PostScript]** tab.

2 Click **[Advanced]**.

3 Click to clear the **[Send CTRL+D before job]** and **[Send CTRL+D after job]** check boxes.



17 Click **[OK]** to close the **[Printer properties]** dialog box.



 **If a message is displayed during installation of the printer driver**

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c
`DRIVERS\PCL5C\WIN2000\ (Language) \DISK1`
- RPCS
`DRIVERS\RPCS\WIN2000\ (Language) \DISK1`
- PostScript 3
`DRIVERS\PS\WIN2000\ (Language) \DISK1`





Windows NT 4.0

Preparation

- Log on to the NetWare file server before starting the following procedure. To use the NetWare server, select [Typical] installation.

1 Close all applications that are running.

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

The installer will start by Auto Run.

Important

- Never have two versions of the same printer driver installed on your system at the same time. When upgrading to a new version of the printer driver, delete the old version, and then install the new one.

Note

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

3 Follow the instructions on the screen.

4 Select [Typical] installation, and then click [Next].

5 Follow the instructions on the screen.


6 Click [Add] when the "Select Port" dialog box appears.

7 Select [network printer], and then click [OK].

8 Double-click the computer name you want to use as a print server in the "Browse for Printer" window.

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



- 10** After confirming that the pass indicates the selected printer has been displayed, click **[Next]**.
- 11** Follow the instructions on the screen.
- 12** Restart the computer after installation is complete.
- 13** Click **[Start]** on the task bar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window is displayed.
- 14** Click to select the icon of the printer you want to use, and then click **[Properties]** on the **[File]** menu.
The printer driver's property is displayed.
 -  **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.
- 15** Click the **[NetWare Settings]** tab.
- 16** Click to clear the **[Form feed]** and **[Enable banner]** check boxes, and then click **[OK]**.

When using the PostScript 3 printer driver

Follow these steps to set up for the PostScript 3 printer driver.

- 1** Click the **[PostScript]** tab.
- 2** Click **[Advanced]**.
- 3** Click to clear the **[Send CTRL+D before job]** and **[Send CTRL+D after job]** check boxes.





17 Click **[OK]** to close the **[Printer properties]** dialog box.

 **If a message is displayed during installation of the printer driver**

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c
`DRIVERS\PCL5C\NT4\ (Language) \DISK1`
- RPCS
`DRIVERS\RPCS\NT4\ (Language) \DISK1`
- PostScript 3
`DRIVERS\PS\NT4\ (Language) \DISK1`



3. Software and Utilities Included on the CD-ROM

Software and Utilities Included on the CD-ROM

There are two CD-ROMs that comes with this printer. One is labeled "Operating Instructions" and the other is "Printer Drivers and Utilities". The following items are included on the two CD-ROMs separately.

❖ **Agfa Font Manager**

Helps you to install new screen fonts, or organize and manage fonts already installed on the system. This manual is provided as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities".

❖ **SmartNetMonitor for Admin**

A utility for the system administrator to manage printers on the network.



Reference

- For more information about SmartNetMonitor for Admin, see the SmartNetMonitor for Admin Help file.

❖ **SmartNetMonitor for Client**

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



Reference

- For more information about SmartNetMonitor for Client , see the SmartNetMonitor for Client Help file .



Printer Drivers for This Printer

Printing requires installation of a printer driver for your operating system. The following drivers are included on the CD-ROM that comes with this printer.

Operating system	Printer Language	PCL 5c	RPCS	PostScript 3
Windows 95 *1		√	√	√ *8
Windows 98 *2		√	√	√ *8
Windows Me *3		√	√	√ *8
Windows 2000 *4		√	√	√ *8
Windows NT 4.0 *5		√	√	√ *7 *8
Mac OS *6				√ *8

*1 Microsoft Windows 95 operating system

*2 Microsoft Windows 98 operating system

*3 Microsoft Windows Me operating system

*4 Microsoft Windows 2000 professional
Microsoft Windows 2000 Server

*5 Microsoft Windows NT Server operating system version 4.0, Microsoft Windows NT Workstation operating system version 4.0 in a computer using x86 processors.

*6 Required version is 7.6.1 or later operating system.

*7 Requires Service Pack 5 or later.

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



❖ PCL 5c printer driver

This printer driver allows the computer to communicate with the printer via a printer language.

⇒ P.28 “*Windows 95/98/Me - Accessing the Printer Properties*”

⇒ P.30 “*Windows 2000 - Accessing the Printer Properties*”

⇒ P.33 “*Windows NT 4.0 - Accessing the Printer Properties*”

❖ RPCS printer driver

This printer driver allows the computer to communicate with the printer via a printer language. The preset type user interface is provided in addition to the conventional one.

⇒ P.36 “*Windows 95/98/Me - Accessing the Printer Properties*”

⇒ P.38 “*Windows 2000 - Accessing the Printer Properties*”

⇒ P.41 “*Windows NT 4.0 - Accessing the Printer Properties*”

❖ Adobe PostScript Printer Drivers and PPD files

The Adobe Postscript printer drivers and the PPD files are included on the CD-ROM that comes with this printer. Adobe PostScript 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.

⇒ P.44 “*Windows 95/98/Me - Accessing the Printer Properties*”

⇒ P.46 “*Windows 2000 - Accessing the Printer Properties*”

⇒ P.49 “*Windows NT 4.0 - Accessing the Printer Properties*”

⇒ P.52 “*Macintosh - Setting up for Printing*”



SmartNetMonitor for Admin

SmartNetMonitor for Admin is software that uses the TCP/IP and IPX/SPX protocols to monitor the printers in a network. It can monitor multiple network printers having IP/IPX addresses. We recommend network administrators to use this software.

❖ File Path

SmartNetMonitor for Admin is stored in the following folder on the CD-ROM

NETWORK\NETMON\ADMIN\DISK1

OS	Protocol Stack
Microsoft Windows 95/98/Me	TCP/IP provided with Windows 95/98/Me IPX/SPX provided with Windows 95/98/Me NetWare network client provided with Windows 95/98 Novell Client for Windows 95/98
Microsoft Windows 2000	TCP/IP provided with Windows 2000 IPX/SPX provided with Windows 2000 NetWare Client provided with Windows 2000 Novell Client for Windows NT/2000
Microsoft Windows NT4.0	TCP/IP provided with Windows NT IPX/SPX provided with Windows NT Client Service for NetWare provided with Windows NT Novell Client for Windows NT/2000



❖ What can it do?

SmartNetMonitor for Admin is equipped with the following functions.

- Limits the settings to be done from the operation panel, and disables changes to be made to some of the items.
- Enables the selection of paper type loaded in the printer.
- Switches to the Energy Saver mode, and wake up from the Energy Saver mode.
- Checks the information on printing, paper exhaustion, and such, on the computer.
- Monitors multiple printers at the same time. When there are many printers, you can create groups and classify the printers to facilitate management.
- Checks the printer's network settings and detailed information of devices.
- Enables you to change the printer's network settings.
- Checks per print jobs the number of pages printed with the printer.
- Checks the results of print jobs executed from the computer.
- Checks the number of pages printed for each computer, using the user codes.



Note

- Using this function requires the User Account Enhance Unit Type B.



Reference

- See the SmartNetMonitor for Admin Help file for more information about using SmartNetMonitor for Admin.



SmartNetMonitor for Client

SmartNetMonitor for Client is software equipped with the following functions. We recommend all users of this printer to install this software.

- Provides the function to print in a Peer-to-Peer network, using the TCP/IP protocol, NetBEUI, and IPP from Windows 95/98/Me, Windows 2000, and Windows NT 4.0.
- Uses the TCP/IP and IPX/SPX protocols to monitor the status of devices in a network constantly.

❖ File Path

SmartNetMonitor for Client is stored in the following folder on the CD-ROM

NETWORK\NETMON\CLIENT\DISK1

OS	Protocol Stack
Microsoft Windows 95/98/Me	TCP/IP provided with Windows 95/98/Me IPX/SPX provided with Windows 95/98/Me NetBEUI provided with Windows 95/98/Me NetWare network client provided with Windows 95/98 Novell Client for Windows 95/98
Microsoft Windows 2000	TCP/IP provided with Windows 2000 IPX/SPX provided with Windows 2000 NetBEUI provided with Windows 2000 NetWare Client provided with Windows 2000 Novell Client for Windows NT/2000
Microsoft Windows NT4.0	TCP/IP provided with Windows NT IPX/SPX provided with Windows NT NetBEUI provided with Windows NT Client Service for NetWare provided with Windows NT Novell Client for Windows NT/2000



❖ What can it do?

SmartNetMonitor for Client is equipped with the following functions.

- Peer-to-Peer print function
 - Prints directly on the network printer without a print server.
 - Prints on a substitute printer when there are too many jobs accumulated in the specified printer, or when an error disables printing (Recovery printing).
 - Allocates multiple printings to multiple printers (Parallel Printing).
 - Prior group registration of printers specified for Recovery/Parallel Printing.
- Checks the information on printing, paper exhaustion, and such, on the computer.
- Simultaneously monitors multiple printers in use.
- Checks the printer's network settings and detailed information of devices.
- Enables you to check the log of print jobs using the User ID.
- An error message warns when there is an error on the specified printer during transfer or printing of data.
- Equipment monitoring function
 - Checks the equipment information on printing, paper exhaustion, and such, on the computer.
 - Simultaneously monitors multiple printers in use.
 - Checks the printer's network settings and detailed information of devices.
 - Enables you to check the log of print jobs using the user ID.
- A window opens to notify the completion of printing. You can also select to be notified of the print condition, such as displaying the notice only when Recovery Printing is executed.



Limitation

- Make similar settings for the option configuration of the printer for Recovery/Parallel Printing and the printer for giving print commands. If the required options necessary for printing, such as the Paper Feed Unit, are not installed on the substitute printer, that function is disabled.
- Load paper of the same size on both the printer for Recovery/Parallel Printing and the printer for giving print commands. When specifying a particular Paper Tray for printing, load paper of the same size into that tray.
- If the type and devices of the printer for Recovery/Parallel Printing and the printer for giving commands are different, the print results might not turn out identical.
- If you select Sample Print or Locked Print, you cannot execute Recovery/Parallel Printing.

Reference

- See the SmartNetMonitor for Client Help file for more information about using SmartNetMonitor for Client.





4. Setting up the Printer Driver and Canceling a Print Job

PCL 5c - Accessing the Printer Properties

Windows 95/98/Me - Accessing the Printer Properties

There are two methods you can use to open the **[Printer Properties]** dialog box.

Making default printer settings

To make the default printer settings, first open the **[Printer Properties]** dialog box from the **[Printers]** window.

Note

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

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

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



If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c

`DRIVERS\PCL5C\WIN9X_ME\ (Language) \DISK1`

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

Note

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- With some applications, the printer driver's 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.



- 1** On the **[File]** menu, click **[Print]**.
The **[Print]** dialog box appears.
- 2** Select the printer you want to use in the **[Name]** list box, 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.

Windows 2000 - Accessing the Printer Properties

Making printer default settings - Printer Properties

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.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 2** Click to select the icon of the printer you want to use.
- 3** On the **[File]** menu, click **[Properties]**.
The **[Printer Properties]** appears.





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

Note

- Settings you make here are used as the default settings for all applications.
- If the **[Digital Signature Not Found]** dialog box appears, click **[Yes]** to continue the installation.


 **If a message is displayed during installation of the printer driver**

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c
`DRIVERS\PCL5C\WIN2000\ (Language) \DISK1`
- 



Making printer default settings - Printing Preferences Properties

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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

The Printing Preferences Properties appears.

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


Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Printing Preferences Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

Note

- The actual procedures you should follow to open the Printing Preferences Properties may differ depending on the application. For more information, see the documentation that comes with the application you are using.
 - Any settings you make in the following procedure are valid for the current application only.
- 



- 1** On the **[File]** menu, click **[Print...]**.
The **[Print]** dialog box appears.
- 2** Select the printer you want to use in the **[Select Printer]** box.
- 3** Make the necessary settings, and then click **[Apply]** to start your printing.

Windows NT 4.0 - Accessing the Printer Properties

Making default printer settings - Printer Properties

Limitation

- Changing the printer 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 set up options, log on using an account that has Full Control permission.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 2** Click to select 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.





If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PCL 5c
 DRIVERS\PCL5C\NT4\ (Language) \DISK1

Making default printer settings - Default Document Properties

Limitation

- Changing the printer settings requires Full Control access 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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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





3 On the **[File]** menu, click **[Document Defaults]**.

The Default Document Properties appears.

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

 **Note**

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

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

 **Note**

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- 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.

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

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

2 Select the printer you want to use in the **[Name]** list box, 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.





RPCS - Accessing the Printer Properties

Windows 95/98/Me - Accessing the Printer Properties

There are two methods you can use to open the **[Printer Properties]** dialog box.

Making default printer settings

To make the default printer settings, first open the **[Printer Properties]** dialog box from the **[Printers]** window.

Note

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

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

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





If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- RPCS

`DRIVERS\RPCS\WIN9X_ME\ (Language) \DISK1`

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

Note

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- 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.



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

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

2 Select the printer you want to use in the **[Name]** list box, 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.

Windows 2000 - Accessing the Printer Properties

Making printer default settings - Printer Properties

 **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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

The Printer Properties appears.





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

Note

- Settings you make here are used as the default settings for all applications.
- If the **[Digital Signature Not Found]** dialog box appears, click **[Yes]** to continue the installation.

If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- **RPCS**
DRIVERS\RPCS\WIN2000\ (Language) \DISK1
-



Making printer default settings - Printing Preferences Properties

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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

The Printing Preferences Properties appears.

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


Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Printing Preferences Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

Note

- The actual procedures you should follow to open the Printing Preferences Properties may differ depending on the application. For more information, see the documentation that comes with the application you are using.
 - Any settings you make in the following procedure are valid for the current application only.
- 



- 1** On the **[File]** menu, click **[Print...]**.
The **[Print]** dialog box appears.
- 2** Select the printer you want to use in the **[Select Printer]** box.
- 3** Make the necessary settings, and then click **[Apply]** to start your printing..

Windows NT 4.0 - Accessing the Printer Properties

Making default printer settings - Printer Properties

Limitation

- Changing the printer 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 set up options, log on using an account that has Full Control permission.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 2** Click to select 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.





If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- RPCS
 DRIVERS\RPCS\NT4 \ (Language) \DISK1

Making default printer settings - Default Document Properties

Limitation

- Changing the printer settings requires Full Control access 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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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





3 On the **[File]** menu, click **[Document Defaults...]**.

The Default Document Properties appears.

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

 **Note**

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

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

 **Note**

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- 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.

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

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

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

The **[Printer Properties]** dialog box appears.

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

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





PostScript 3 - Setting up for Printing

Windows 95/98/Me - Accessing the Printer Properties

There are two methods you can use to open the **[Printer Properties]** dialog box.

Making default printer settings

To make the printer default settings, first open the **[Printer Properties]** dialog box from the **[Printers]** window.

 **Note**

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

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

2 Click to select 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]**.





If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PostScript 3

`DRIVERS\PS\WIN9X_ME\ (Language) \DISK1`

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

Note

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- 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.



- 1** On the **[File]** menu, click **[Print]**.
The **[Print]** dialog box appears.
- 2** Select the printer you want to use in the **[Name]** list box, 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.

Windows 2000 - Accessing the Printer Properties

Making printer default settings - Printer Properties

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.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 2** Click to select the icon of the printer you want to use.
- 3** On the **[File]** menu, click **[Properties]**.
The Printer Properties appears.





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

Note

- Settings you make here are used as the default settings for all applications.
- If the **[Digital Signature Not Found]** dialog box appears, click **[Yes]** to continue the installation.


 **If a message is displayed during installation of the printer driver**

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PostScript 3
`DRIVERS\PS\WIN2000\ (Language) \DISK1`
- 



Making printer default settings - Printing Preferences Properties

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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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

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

The Printing Preferences Properties appears.

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


Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Printing Preferences Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

Note

- The actual procedures you should follow to open the Printing Preferences Properties may differ depending on the application. For more information, see the documentation that comes with the application you are using.
 - Any settings you make in the following procedure are valid for the current application only.
- 



- 1** On the **[File]** menu, click **[Print...]**.
The **[Print]** dialog box appears.
- 2** Select the printer you want to use in the **[Select Printer]** box.
- 3** Make the necessary settings, and then click **[Print]** to start your printing.
- 4** Click **[OK]** to start your printing.

Windows NT 4.0 - Accessing the Printer Properties


Making default printer settings - Printer Properties

Limitation

- Changing the printer 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 set up options, log on using an account that has Full Control permission.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears .
- 2** Click to select 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.
- 



If a message is displayed during installation of the printer driver

When there is a driver in the computer that is newer than the one currently being installed, the warning dialog box appears.

In such a case, you cannot install with the Auto Run program. Use the driver that was used in installing the driver that is displayed in the message, and reinstall with **[Add Printer]**.

- ① Click **[Start]**, point to **[Settings]**, and then click **[Printers]**.
- ② Double-click the **[Add Printer]** icon.
- ③ Follow the wizard to install the driver.

If the printer driver disk is a CD-ROM, the sources of installation are as follows. If the installer starts up, click **[Cancel]** to quit it.

- PostScript 3
`DRIVERS\PS\NT4\ (Language) \DISK1`

Making default printer settings - Default Document Properties

Limitation

- Changing the printer settings requires Full Control access 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.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

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





3 On the **[File]** menu, click **[Document Defaults]**.

The Default Document Properties appears.

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

 **Note**

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

Making printer settings from an application

To make the printer settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

 **Note**

- The actual procedure you should follow to open the **[Printer Properties]** dialog box may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- 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.

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

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

2 Select the printer you want to use in the **[Name]** list box, 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.





Macintosh - Setting up for Printing

Making paper settings from an application

- 1** Open the file you want to print.
- 2** On the [File] menu, click [Page Setup].
The [Adobe PS] dialog box appears.
- 3** Confirm that the printer you want to use is shown in [Format for:], and then use [Paper] to select the paper size you want to use.
 -  **Note**
 - If the printer is now shown in the [Format for:] box, use the pop-up menu to display a list of available printers.
 -  **Reference**
 - The actual appearance of the [Page Setup] dialog box depends on the application you are using. See the documentation that comes with the Macintosh for more information.
- 4** After configuring the settings, click [OK].





Setting up for printing from an application

- 1** Open the file you want to print.
- 2** On the [File] menu, click [Print].
The [Printer] dialog box appears.
- 3** Confirm that the printer is selected in the [Printer] box, and then make the printer settings.
- 4** After configuring the settings, click [Print].





Canceling a Print Job

Windows 95/98/Me - Canceling a Print Job

1 Double-click the printer icon on the Windows taskbar.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

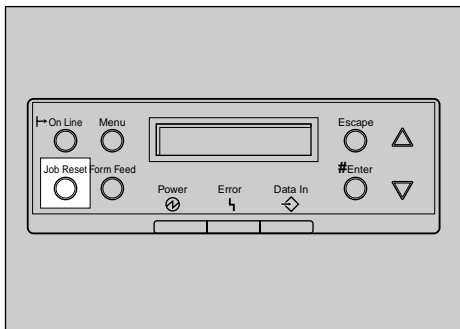
2 Select the name of the job you want to cancel.

3 In the [Document] menu, click [Cancel Printing].

 **Note**

- You can also open the print job queue window by double-clicking the printer icon in the [Printer] window.

4 Press [Job Reset].



A message appears on the operation panel display indicating that the print job is being cancelled.



Important

- The procedure above cancels the print job that is currently being processed by the printer. In some cases, the printer may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.
- When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

Note

- You cannot stop printing data that has already been processed internally by the printer. Because of this, printing may continue for a few pages after you press **[Job Reset]**.
- A print job that contains a large volume of data may take considerable time to stop.

Windows 2000 - Canceling a Print Job

1 Double-click the printer icon on the taskbar.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

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

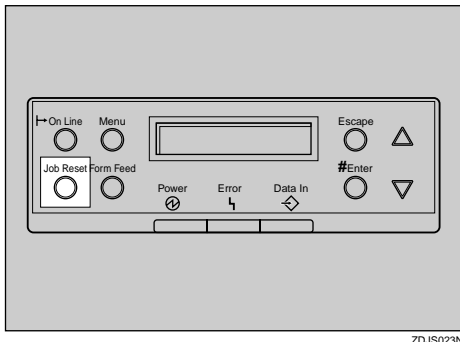
3 On the **[Document]** menu, click **[Cancel Printing]**.

Note

- You can also open the print job queue window by double-clicking the printer icon in the **[Printers]** window.



4 Press **[Job Reset]** on the operation panel.



A message appears on the panel display indicating that the print job is being canceled.

Important

- When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

Note

- You cannot stop printing data that has already been processed internally by the printer. Because of this, printing might continue for a few pages after you press **[Job Reset]**.
- A print job that contains a large volume of data might take considerable time to stop.



Windows NT 4.0 - Canceling a Print Job

1 Double-click the printer icon on the Windows taskbar.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

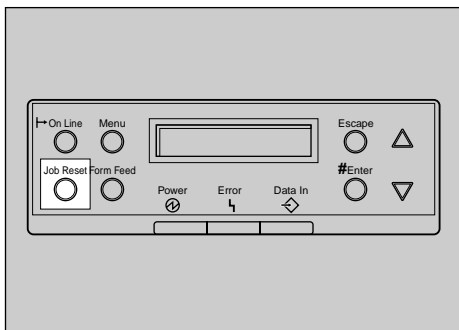
2 Select the name of the job you want to cancel.

3 In the [Document] menu, click [Cancel Printing].

 **Note**

- You can also open the print job queue window by double-clicking the printer icon in the [Printer] window.

4 Press [Job Reset].



A message appears on the operation panel display indicating that the print job is being cancelled.



Important

- The procedure above cancels the print job that is currently being processed by the printer. In some cases, the printer may already be processing data for the next print job following the one currently being output. In this case, the next print job is also canceled when you press **[Job Reset]**.
- When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

Note

- You cannot stop printing data that has already been processed internally by the printer. Because of this, printing may continue for a few pages after you press **[Job Reset]**.
- A print job that contains a large volume of data may take considerable time to stop.





5. Uninstalling the Printer Driver

Uninstalling the PCL 5c Printer Driver

This section describes how to uninstall the printer driver. The actual procedure may differ depending on the operating system.

Follow one of the appropriate procedures below.

Windows 95/98 - Uninstalling the PCL 5c Printer Driver

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.
- 3** Click to select the icon of the printer you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.



Windows 2000 - Uninstalling the PCL 5c Printer Driver

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

1 Close all the applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and click [Printers].
The [Printers] window appears.

3 Click to select the icon of the printer you want to remove.

4 On the [File] menu, click [Delete].
A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.





Windows NT 4.0 - Uninstalling the PCL 5c Printer Driver

Limitation

- Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control Permission by default. When you install a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and click [Printers].

The [Printers] window appears.

3 Click to select the icon of the printer you want to remove.

4 On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.





Uninstalling the RPCS Printer Driver

This section describes how to uninstall the printer driver. The actual procedure may differ depending on the operating system.

Follow one of the appropriate procedures below.

Windows 95/98 - Uninstalling the RPCS Printer Driver

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.
- 3** Click to select the icon of the printer you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.





Windows 2000 - Uninstalling the RPCS Printer Driver

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

1 Close all the applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and click [Printers].
The [Printers] window appears.

3 Click to select the icon of the printer you want to remove.

4 On the [File] menu, click [Delete].
A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.





Windows NT 4.0 - Uninstalling the RPCS Printer Driver

Limitation

- Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control Permission by default. When you install a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and click [Printers].

The [Printers] window appears.

3 Click to select the icon of the printer you want to remove.

4 On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.





Uninstalling the PostScript 3 Printer Driver

This section describes how to uninstall the PostScript 3 printer driver. The actual procedure may differ depending on the operating system. Follow one of the appropriate one of the following procedures below.

Windows 95/98 - Uninstalling the PostScript 3 Printer Driver

- 1** Close all applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 3** Click to select the icon of the printer you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.





Windows 2000 - Uninstalling the PostScript 3 Printer Driver

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

1 Close all the applications that are currently running.

2 Click **[Start]** on the taskbar, point to **[Settings]**, and click **[Printers]**.
The **[Printers]** window appears.

3 Click to select the icon of the printer you want to remove.

4 On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver.





Windows NT 4.0 - Uninstalling the PostScript 3 Printer Driver

Limitation

- Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control Permission by default. When you uninstall a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and then click [Printers].

The [Printers] window appears.

3 Click to select the icon of the printer you want to remove.

4 On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

Macintosh - Uninstalling the PostScript 3 Printer Driver

1 Drag the “AdobePS” file from the [Extensions] folder in [System Folder] to [Trash].

2 Drag the PPD file and plug-in file from the [Printer Descriptions] folder in the [Extensions] folder in [System Folder] to [Trash].



6. Sample Print/Locked Print

Sample Print

Use this function to print only the first set of a multiple-set print jobs. The remaining sets are saved on the optional Hard Disk Drive in the printer. The saved job can be printed or canceled from the printer's operation panel.

Important

- If you turn off the power switch, the job that was saved on the Hard Disk Drive will be deleted.

Limitation

- To use this function, the optional Hard Disk Drive must be installed on the printer.

Reference

- For more information about settings for printer driver, see the printer driver's Help file.

Note

- You can identify the file you want to print by the User ID and the time when the job was stored.
- The actual number of pages the printer can save depends on the contents of the print images. For example, the printer can save up to 30 jobs or 2,000 pages for Sample Print and Locked Print. It depends on the data volume.
- If the first set of the sample print file is not as you expected and you do not want to print the remaining sets, delete the sample print file using the operation panel.
- If you print the remaining sets of the sample print file, the job in the printer is deleted automatically.

1 From an application, select the menu command to print

The print dialog box appears.

2 Open the Printer Properties.



3 From the [Job Type:] box, select [Sample Print].

4 In the [User ID:] box, type a User ID of up to eight alphanumeric characters.

 **Note**

- This is used to identify the user associated with a job.
- The User ID can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

5 Click [OK].

6 After making all desired settings, click [OK].

7 Check the print job, and then select from the operation panel whether to print the remaining sets or delete them.

 **Reference**

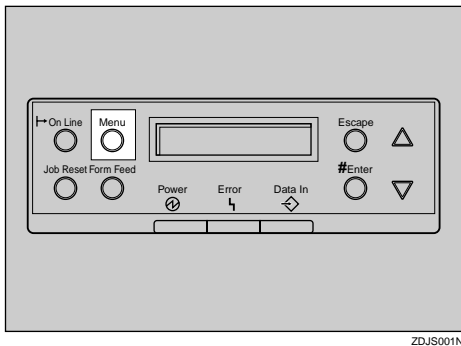
- ⇒ P.70 *“Printing the Remaining Sets”*
- ⇒ P.72 *“Deleting a Sample Print File”*





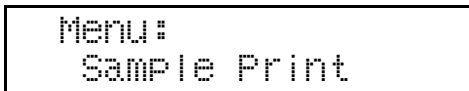
Printing the Remaining Sets

1 Press **[Menu]**.



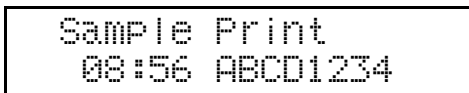
"Menu" appears on the panel display.

2 Press **[▲]** or **[▼]** to display "Sample Print", and then press **[Enter]**.



The User ID and the time when the job was stored are displayed.

3 Press **[▲]** or **[▼]** to display the file you want to print, and then press **[Enter]**.





- 4** Confirm that "Print File" is displayed, and then press **[Enter]**.

```
Select Action:  
Print File
```

The remaining sets are displayed.

 **Note**

- To cancel printing, press **[Escape]**.

- 5** Press **[Enter]**. To change the number of sets you want to print, press **[▲]** or **[▼]** and select the number of sets, and then press **[Enter]**.

```
Qty: 6(1-999)  
Press # to Print
```

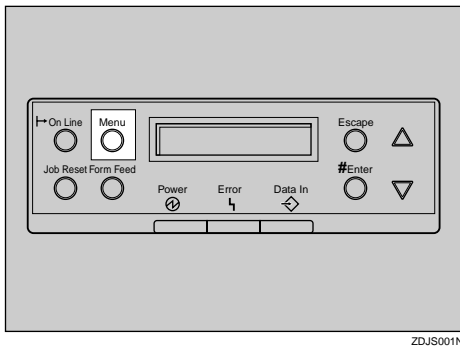
The job is printed, and the job that was saved on the Hard Disk Drive is deleted.





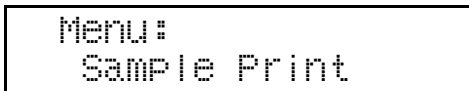
Deleting a Sample Print File

- 1 Press **[Menu]**.



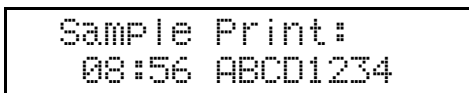
"Menu" appears on the panel display.

- 2 Press **[▲]** or **[▼]** to display the "Sample Print" menu, and then press **[Enter]**.



- 3 Press **[▲]** or **[▼]** to display the file you want to delete, and then press **[Enter]**.

The following message appears on the panel display.





4 Press **[▲]** or **[▼]** to display "Delete File", and then press **[Enter]**.

```
Select Action:  
Delete File
```

 **Note**

If you want to cancel the deletion of a sample print file, press **[Escape]**.

5 Press **[Enter]** to delete the file.

The following message appears on the panel display.

```
08:56 ABCD1234  
Press# to Delete
```

6 Press **[On Line]**.

"Ready " appears on the panel display.

```
Ready
```





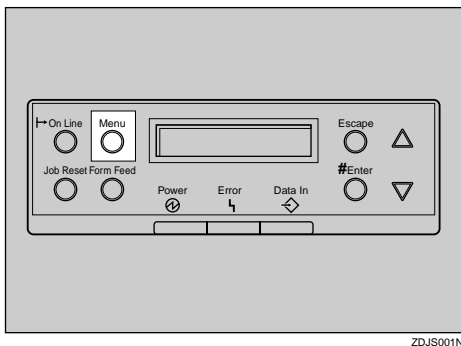
Checking the Error Log

When a print job is not saved on the Hard Disk Drive, it remains in the error log and can be checked using the operation panel.

! Limitation

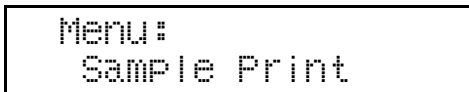
- The error log displays up to 20 of the newest jobs. If you turn off the power switch, the log up to then is deleted.

1 Press **[Menu]**.



"Menu" appears on the panel display.

2 Press **[▲]** or **[▼]** to display "Sample Print", and then press **[Enter]**.



The User ID and the time when the job was stored are displayed.

- 3** Press **[▲]** or **[▼]** to display "Error File(s)", and then press **[Enter]**.

```
Sample Print:  
Error File(s)
```

- 4** Press **[▲]** or **[▼]** to check the log.

```
Error File(s):  
06:52 AB5D1234
```

After you finish checking the error log, press **[Escape]**.

The display is returned to the Sample Print job selection menu.

 **Note**

- To print a document with an error, either print or delete the job saved on the Hard Disk Drive, and then command the host computer to print again.

- 5** When you finish checking the error log, press **[Escape]**.

The display is returned to the Sample Print job selection menu.

- 6** Press **[On Line]**.

"Ready " appears on the panel display.

```
Ready
```



Locked Print

Use this function to maintain privacy when printing confidential documents. Documents will not be printed out automatically, unless a password is entered, using the operation panel after sending the print job.

Important

- If you turn off the power switch, the job that was saved on the Hard Disk Drive will be deleted.

Limitation

- To use this function, the optional Hard Disk Drive must be installed on the printer.

Reference

- For more information about settings for printer driver, see the printer driver's Help file.

Note

- You can identify the file you want to print by the User ID and the time when the job was stored.
- The actual number of pages the printer can save depends on the contents of the print images. For example, the printer can save up to 30 jobs or 2,000 pages for Sample Print and Locked Print. It depends on the data volume.

After the locked print file is printed, the job in the printer is deleted automatically.

1 From an application, select the menu command to print.

The print dialog box appears.

2 Open the Printer Properties.

3 From the [Job Type:] box, select [Locked Print].



4 In the [User ID:] box, type a User ID of up to eight alphanumeric characters.

 **Note**

- This is used to identify the user associated with a job.
- The User ID can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

5 In the [Password:] box, type a password of four digits.

 **Note**

- The password must be four digits (0-9).

6 Command to print.

The job is saved on the Hard Disk Drive.

7 Enter the password using the operation panel, and then specify whether to print or delete.

 **Reference**

- ⇒ P.78 *“Entering the Password”*
- ⇒ P.80 *“Deleting the Locked Print File”*

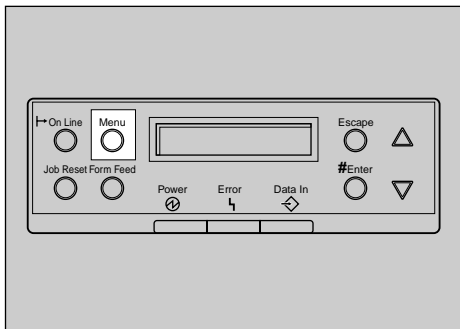
 **Limitation**

- Print jobs are not saved on the Hard Disk Drive in the following cases. You can check the Error Log for jobs that were not saved.
 - When there are 30 Sample Print and Locked Print jobs saved on the Hard Disk Drive, and a 31st job is transmitted.
 - The total number of pages saved on the Hard Disk Drive exceeds 2,000 pages.



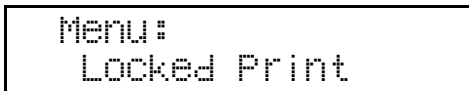
Entering the Password

1 Press **[Menu]**.



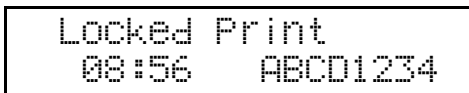
"Menu" appears on the panel display.

2 Press **[▲]** or **[▼]** to display "Locked Print", and then press **[Enter]**.



The User ID and the time when the job was stored are displayed.

3 Press **[▲]** or **[▼]** to display a file you want to print, and then press **[Enter]**.





4 Enter the password.

- ① Press **[▲]** or **[▼]** to enter the left most digit of the password, and then press **[Enter]**.

```
Password:
[0----]
```

- ② The next digit appears.

```
Password:
[*0---]
```

- ③ Enter the remaining digit of the password, and then press **[Enter]**.

5 Confirm that "Press # to Print" is displayed, and then press **[Enter]**.

```
Select Action:
Print File
```

 **Note**

- If you want to cancel printing, press **[Escape]**.

6 Press **[Enter]**.

```
08:56 ABCD1234
Press # to Print
```

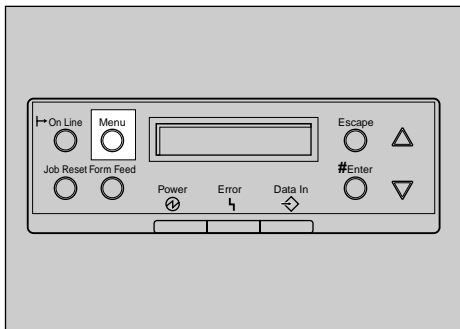
The job is printed, and the job that was saved on the Hard Disk Drive is deleted.





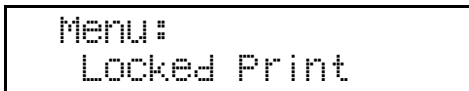
Deleting the Locked Print File

1 Press **[Menu]**.

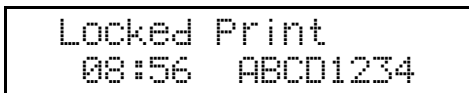


"Menu" appears on the panel display.

2 Press **[▲]** or **[▼]** to display the "Locked Print" menu, and then press **[Enter]**.



3 Press **[▲]** or **[▼]** to display a file you want to delete.





4 Enter the password of the locked print file.

1 Press **[▲]** or **[▼]** to enter the left most digit of the password, and then press **[Enter]**.

```
Password:
[0----]
```

2 The next digit appears.

```
Password:
[*0----]
```

3 Repeat steps **1** and **2** to enter the remaining password digits, and then press **[Enter]**.

5 Press **[▲]** or **[▼]** to display "Delete File", and then press **[Enter]**.

```
Select Action:
Delete File
```

 **Note**

If you want change the locked print file, press **[Escape]**.

6 Press **[Enter]**.

"Deleted" appears on the panel display, and then the printer returns to the previous menu.





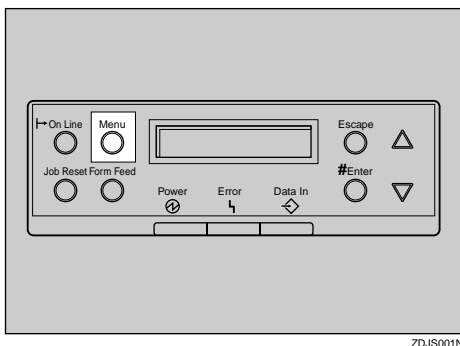
Checking the Error Log

When a print job is not saved on the Hard Disk Drive, it remains in the error log and can be checked using the operation panel.

! Limitation

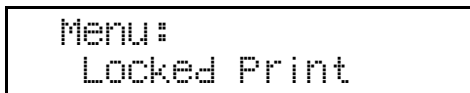
- The error log displays up to 20 of the newest jobs. If you turn off the printer power, the log up to then is deleted.

1 Press [Menu].



"Menu" appears on the panel display.

2 Press [▲] or [▼] to display "Locked Print", and then press [Enter].



The User ID and the time when the job was stored are displayed.



3 Press **[▲]** or **[▼]** to display "Error File(s)", and then press **[Enter]**.

```
Locked Print:  
Error File(s)
```

4 Press **[▲]** or **[▼]** to check the log.

```
Error File(s):  
06:52 AB5D1234
```

After you finish checking the error log, press **[Escape]**.

The display is returned to the Locked Print job selection menu.

 **Note**

- To print a document with an error, either print or delete the job saved on the Hard Disk Drive, and then command the host computer to print again.

5 When you finish checking the error log, press **[Escape]**.

The display is returned to the Sample Print job selection menu.

6 Press **[On Line]**.

"Ready " appears on the panel display.

```
Ready
```



7. Troubleshooting

Checking the Printer Status

SmartNetMonitor for Client

- 1** Start up SmartNetMonitor for Client.
- 2** Right-click the SmartNetMonitor for Client icon from the task bar, and then point and left-click [Options] from the displayed menu.
The [SmartNetMonitor for Client-Options] window is displayed.
- 3** Select the printer you want to use, check [To be Monitored], and then click [OK].
- 4** Right-click the SmartNetMonitor for Client icon from the task bar, and then point and left-click the printer you want monitor.
The [Status] window of the target printer to be monitored is opened.
- 5** Click the [Configuration] tab to find the amount of paper in the Paper Tray, etc..

 **Note**

- See the Help files for SmartNetMonitor for Client for details on each item.



Web Browser

- 1** Start up the web browser.
- 2** Type "http://(the IP address of the printer you want the status displayed)" for the address.
The status of the selected printer is displayed on the web browser.
- 3** Click [Status] to find the amount of paper in the Paper Tray, etc..

 **Note**

- See the Help files for details on each item.

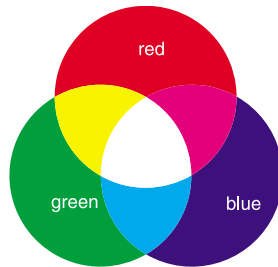
8. Appendix

Color Guide

Color Printing Basics

Additive (Emitted) and Subtractive (Reflected) Color Models

All light is a mixture of red, green, and blue, which is normally called the RGB model. When red, green, and blue are of equal intensities, the RGB color model produces white.

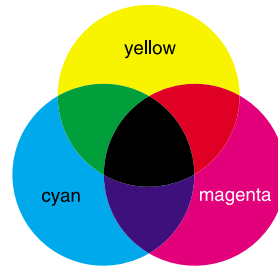


 **Note**

- RGB is also called additive or emitted color. The colors on your computer screen are produced by varying the intensities of RGB.



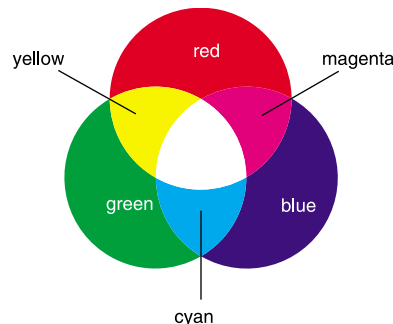
Printed color is a mixture of cyan, magenta, and yellow, which is normally called the CMY color model. When mixed in equal proportions the CMY color model produces black.



 **Note**

- ❑ CMY is also called subtractive or reflective color. The printer uses CMY toner plus K (black) toner (CMYK color model) to provide full color printing.

The colors of the RGB color model can be mixed to produce the cyan, magenta, and yellow of the CMY color model and vice versa. Two colors of one model are mixed to produce the color of the other model (mixing blue and green produces cyan, for example). The remaining color is the complement of the color produced (red in this example). Complementary colors are: red and cyan, green and magenta, blue and yellow.





Printed Color

The printer produces full-color output using four toner colors: cyan, magenta, yellow, and black. These four colors make up the CMYK color model.

 **Note**

- Mixing CMY in equal proportions should hypothetically produce pure black, but imperfections in the ink cause an equal measure of these colors to produce a muddy or dark brown. Black toner is added to the color model in order to make it possible to produce pure black.

For example, if the image is created with cyan only, there is no problem in printing all of it with cyan toner. However, full-color images are actually comprised of 10,000s of fine colors. These fine colors can be expressed by changing the ratio of CMYK toner particles to be printed per unit surface.

There are also dark and light shadings to each color. These shadings can be expressed by changing the amount of toner particles to be printed per unit surface.





Staple and Punch Position

Stapling

By installing the 2 Tray Finisher, you can staple one printing at a time when printing multiple copies. See the Help files of the printer driver for details on the print methods.

Limitation

- The printer cannot staple paper that is fed from the Bypass Tray.
- The printer cannot sort "Thick", "Labels", or "OHP" paper types in the Paper Tray.


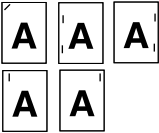
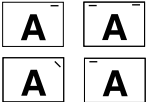

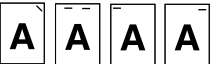
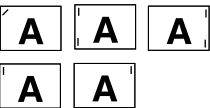
Note

- If you cannot make the settings for stapling even when the 2 Tray Finisher is connected, the optional devices might not have been attached properly. Make the proper settings for the optional devices in the printer driver's dialog box. See Printer Client Reference 1.
- Outputs of staple depend on the print direction and feed direction. The following table shows the staple positions.





❖ Staple Position

Feed Direction	Print direction	Staple Position
	Portrait	
	Landscape	
	Portrait	
	Landscape	

- When double-sided printing is selected, adjust the staple position to the binding direction.
- If you are punching at the same time, specify the same side.
- The paper sizes and number of pages that can be stapled are displayed below.

Paper Size	Staple Capacity
A3, 11 × 17, B4, Legal	30
A4, B5, Letter	50



Punching

Used to punch holes in the printing.

Limitation

- The printer cannot punch paper that is fed from the Bypass Tray.
- To use this function, the 2 Tray Finisher must be installed on the printer.
- The printer cannot sort "Thick", "Labels", or "OHP" paper types in the Paper Tray.

Note

- Outputs of punch depend on the print direction and feed direction. The following table shows the punch positions.





❖ Punch Position









Feed Direction	Print direction	Punch Position		
		2 holes	3 holes	4 holes
	Portrait			
	Landscape			
	Portrait			
	Landscape			

- If you cannot make the settings for punching even when the 2 Tray Finisher is connected, the optional devices might not have been attached properly. Make the proper settings for the optional devices in the printer driver's dialog box. See Printer Client Reference 1.
- When Duplex Print is selected, adjust the punch position to the binding direction.





- The paper sizes that can be punched are displayed below.

Type	Feed Direction	Paper Size
2 holes	 ←	A4, 16K, Letter
	 ←	A3, 8K, 11×17
NA 3 holes	 ←	A4, B5, 16K, Letter
	 ←	A3, B4, 8K, 11×17
EU 4 holes	 ←	A4, B5, 16K, Letter
	 ←	A3, B4, 8K, 11×17
Northern EU 4 holes	 ←	A4, B5, 16K, Letter
	 ←	A3, B4, A4, B5, A5, 8K, 16K, 11×17, Legal, Foolscap, Folio, F, Letter





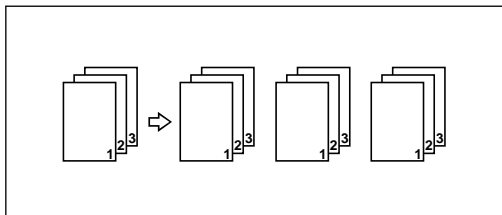
Collate and Job Separation

Reference

- For more information about collate and job separation, see the printer driver's Help file.

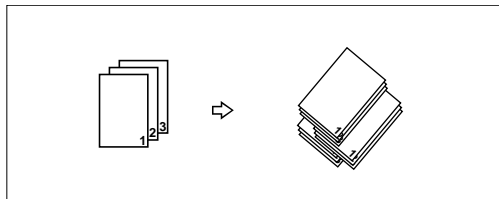
Collate

Outputs can be assembled as sets in sequential order.



Job Separation

The shift tray moves backward or forward each time the copies of one set or those of each job are delivered, causing the next copy to shift when delivered so that you can differentiate each set or job.





Limitation

- The printer cannot collate or job separation printing on the paper loaded on the Bypass Tray.
- The printer cannot collate or job separation printing on "Thick", "Labels", and "OHP" paper types in the Paper Tray.
- To use these function, a Memory Unit of at least 128MB or Hard Disk Drive must be installed on the printer.
- Job separation requires the optional 2 Tray Finisher must be installed on the printer.

Note

- If you cannot make the settings for stapling even when the 2 Tray Finisher is connected, the optional devices might not have been attached properly. Make the proper settings for the optional devices in the printer driver's dialog box. See Printer Client Reference 1.
- If the output end is the 2 Tray Finisher Shift Tray, job separation is executed.
- If you make the setting for "job separation" with the printer driver, the output end becomes the 2 Tray Finisher Shift Tray automatically. The RPCS printer driver automatically set for "job separation" , if you select the 2 Tray Finisher Tray for the output tray.



INDEX

A

Additive (Emitted) Color Models, 86
Agfa Font Manager, 20

C

Changing the Zone (Macintosh), 10
Changing to EtherTalk, 9
Checking the Error Log, 74, 82
Checking the Printer Status, 84
CMY, 87
CMY color model, 87
Collate, 94
Color Guide, 86
color models, 86
Color Printing Basics, 86
configuration
 Macintosh, 8
 NetWare, 11

D

Deleting a Sample Print File, 72
Deleting the Locked Print File, 80

E

Entering the Password, 78
EtherTalk, 9

J

Job Separation, 94

M

Macintosh, 8
 uninstall, PostScript, 67

N

NetWare, 11
NetWare Configuration
 Windows 2000, 14
 Windows 95/98/Me, 11
 Windows NT 4.0, 17

P

PCL 5c, 22
 Windows 2000, uninstalling, 60
 Windows 95/98, uninstalling, 59
 Windows NT 4.0, uninstalling, 61
PostScript, 22
 Macintosh, uninstall, 67
PostScript 3
 Windows 2000, uninstalling, 66
 Windows 95/98, uninstalling, 65
 Windows NT 4.0, uninstalling, 67
printer driver, 21
printer name, 10



Printing a Locked Print File, 76
Printing the Remaining Sets, 70
Punching, 91

R

RGB, 86
RGB color model, 86
RPCS
 Windows 2000, uninstalling, 63
 Windows 95/98, uninstalling, 62
 Windows NT 4.0, uninstalling, 64

S

Sample Print, 68
Setting up the Printer Driver and Canceling a Print Job, 28
SmartNetMonitor for Admin, 23
SmartNetMonitor for Client, 25
Software and Utilities Included on the CD-ROM, 20
Sorting copies into sets, 94
Stapling, 89
Subtractive (Reflected) Color Models, 86

T

troubleshooting, 84

W

Windows 2000
 canceling a job, 55
 PCL 5c, uninstalling, 60
 PostScript, uninstalling, 66
 printer properties, PCL 5c, 38
 printer properties, PostScript 3, 46
 printer properties, RPCS, 30
 RPCS, uninstalling, 63
Windows 95/98
 PCL 5c, uninstalling, 59
 PostScript, uninstalling, 65
 RPCS, uninstalling, 62
Windows 95/98/Me
 canceling a job, 54
 printer properties, PCL 5c, 36
 printer properties, PostScript 3, 44
 printer properties, RPCS, 28
Windows NT 4.0
 canceling a job, 57
 document defaults, PCL 5c, 42
 document defaults, PostScript 3, 50
 document defaults, RPCS, 34
 PCL 5c, uninstalling, 61
 PostScript, uninstalling, 67
 printer properties, PCL 5c, 41
 printer properties, PostScript 3, 49
 printer properties, RPCS, 33
 RPCS, uninstalling, 64



