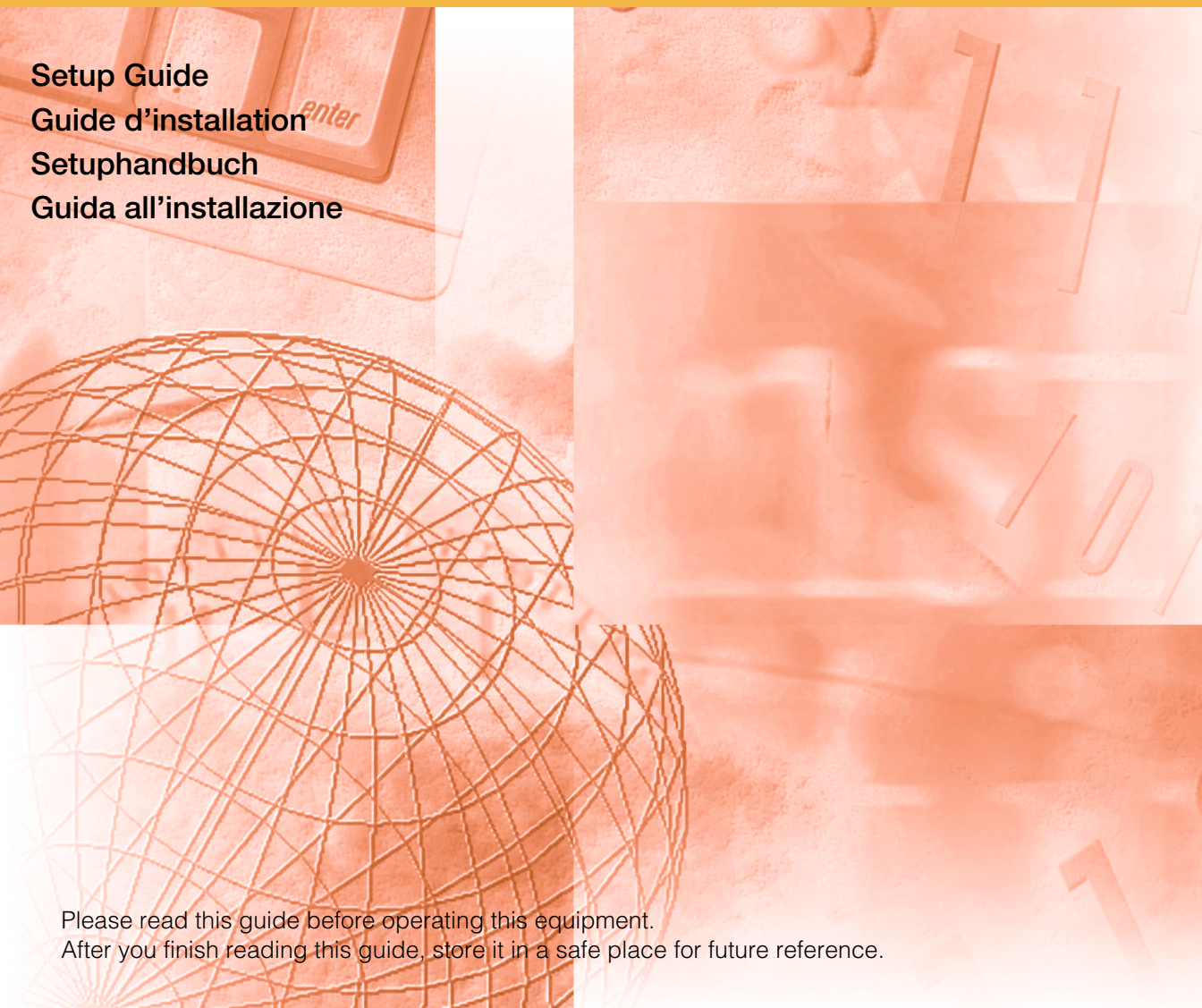
Canon

iR3300/iR2800/iR2200 Series

Setup Guide

Setup Guide
Guide d'installation
Setuphandbuch
Guida all'installazione



Please read this guide before operating this equipment.
After you finish reading this guide, store it in a safe place for future reference.

iR3300/2800/2200 Series
Setup Guide

About the Manuals for the Machine

The manuals for this machine are divided as follow. Please read them to suit your needs.

For Basic Use Troubleshooting	→	Reference Guide
For Basic Copying For Convenient Copying	→	Copying Guide
For Basic Mail Box Function Use For Convenient Mail Box Function Use	→	Mail Box Function Guide
For Fax Use For Convenient Fax Use	→	Facsimile Guide
For Remote UI Use	→	Remote UI Guide (CD-ROM)
For Setting Up the Network Connection & Installing the CD-ROM Software	→	**Setup Guide** (This Document)
For Printer Use	→	PS/PCL Printer Guide (CD-ROM)
For Installing Printer Driver, etc.	→	PCL Driver Guide PS Driver Guide (CD-ROM)
For Connecting and Setting the Network	→	Network Guide (CD-ROM)

The manuals supplied with optional equipment are included in the list above.
Depending on the system configuration and product purchased, some manuals may be unavailable (irrelevant).

CD-ROM Guides with this symbol are PDF manuals included on the attached CD-ROM.

How This Manual Is Organized

Chap 1 **Connecting the Machine to a Network** Please read this chapter first 1

Chap 2 **Installing Software** 2

- Considerable effort has been made to make sure that this manual is free of inaccuracies and omissions.
- However, as we are constantly improving our products, if you need an exact specification, please contact Canon.

PREFACE

Thank you for purchasing the Canon iR3300/2800/2200 Series. This manual describes simple setup methods from the computer through producing printed output.

Please read this manual thoroughly before operating the iR3300/2800/2200 Series in order to familiarize yourself with its capabilities, and to make the most of its many functions. After reading this manual store it in a safe place for future reference.

CAUTION:
In this manual, CAUTION MESSAGES with this symbol ⚠ indicate that neglecting the suggested procedure or practice could result in personal injury.

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About Abbreviations

In this manual, Microsoft® Windows® and PostScript 3 emulation are referred to as Windows and PS, respectively.

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How to Use This Manual

Symbols Used in This Manual

The following symbols are used in this manual, for explanations of procedures and restrictions, handling cautions, and instructions that should be observed for safety.

WARNING	Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. In order to use the machine safely, always pay attention to these warnings.
CAUTION	Indicates a caution concerning operations that may lead to injury to persons or damage to property if not performed correctly. In order to use the machine safely, always pay attention to these cautions.
IMPORTANT	Indicates operational warnings and restrictions. Be certain to read these items to operate the machine correctly, and to avoid damage to the machine.
NOTE	Indicates notes for operation or additional explanations. Reading these is highly recommended.

Keys Used in This Manual

The following symbols and key names are used in this manual:

- Control panel keys ..... (Start)
- Touch panel display keys ..... [OK]

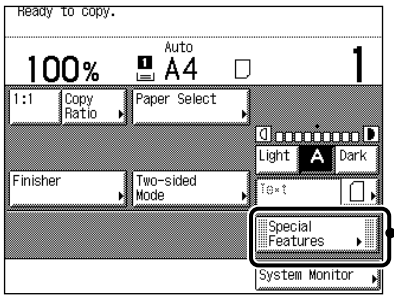
Displays Used in This Manual

Screenshots of the touch panel display used in this manual are those taken when the Finisher-J1, Cassette Feeding Unit-W1, Feeder (DADF-H1), Printer Kit, and Network Interface Adapter are attached to the iR3300. Note that functions that cannot be used depending on the model or options, are not displayed on the touch panel display.

The keys which you should press are marked with ▭ , as shown below.

When multiple keys can be pressed on the touch panel display, all keys are marked. Select the keys which suit your needs.

1 **Place the original, then press [Special Features].**



Press this key for operation.

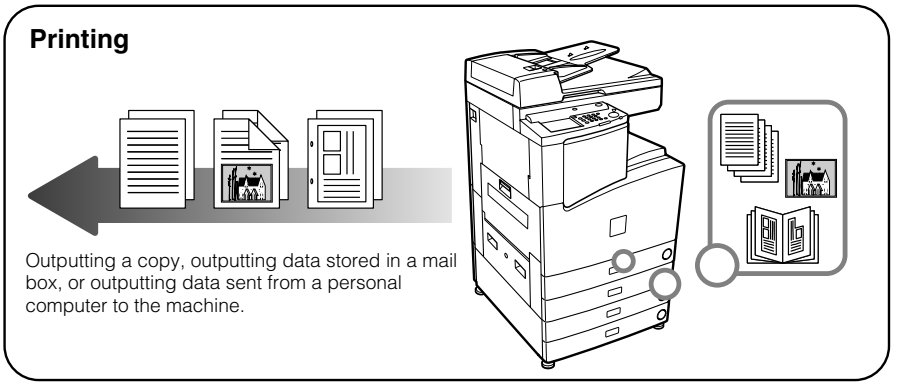
Illustrations Used in This Manual

Unless otherwise noted, illustrations used in this manual are those taken when the Finisher-J1 and Cassette Feeding Unit-W1 are attached to the iR3300.

Operation of the Machine and Terms Used in This Manual

This machine makes effective use of memory in order to perform print operations efficiently. For example, as soon as the machine has scanned the original that you want to copy, it can scan the next person's original to make a copy without any need to wait. You can also print from this machine by using a function other than the Copy function. In this machine, these operations take place in a complex way, so not only copies but also various kinds of prints may sometimes have to wait their turn before they can be output.

To avoid confusion when reading this manual, the term "printing" used in this manual is defined as set out below. There are some cases in which the scanning of an original when making a copy, and the process of making a print are described separately.



Using Adobe Acrobat Reader

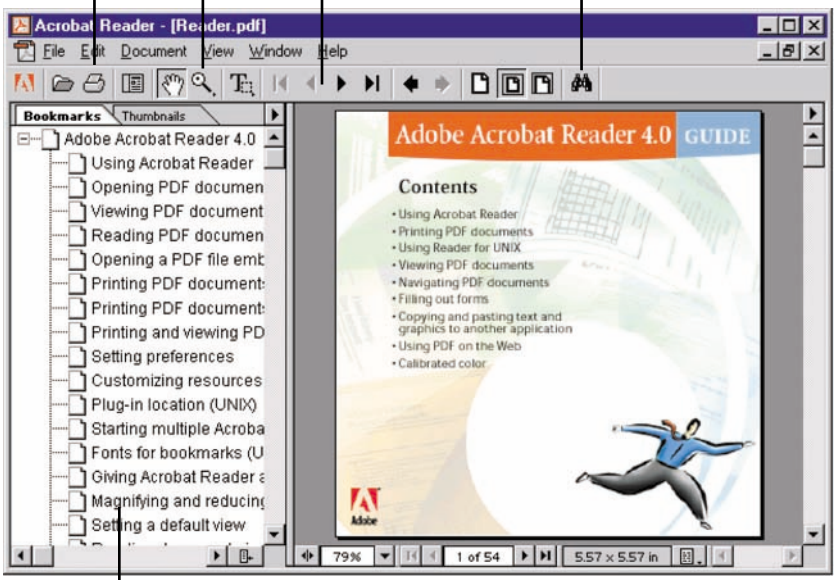
This section provides a simple description of the use of online manuals. For details refer to the Acrobat Reader Help files.

Enlarge or reduce display. To reduce, click while holding down [Alt] in Windows, or [Option] in Macintosh.

Print.

Move pages. From the left, the icons represent [Return to first page], [Return to previous page], [Go to next page] and [Go to last page].

Search by character string.



Click the title to go to that page.
Switch between Bookmark and Thumbnail by using the tabs at the top.

NOTE

- In the online help manual, the mouse cursor may change to look like this . Click on that spot to jump to a related page in the manual.

Connecting the Machine to a Network

1
CHAPTER

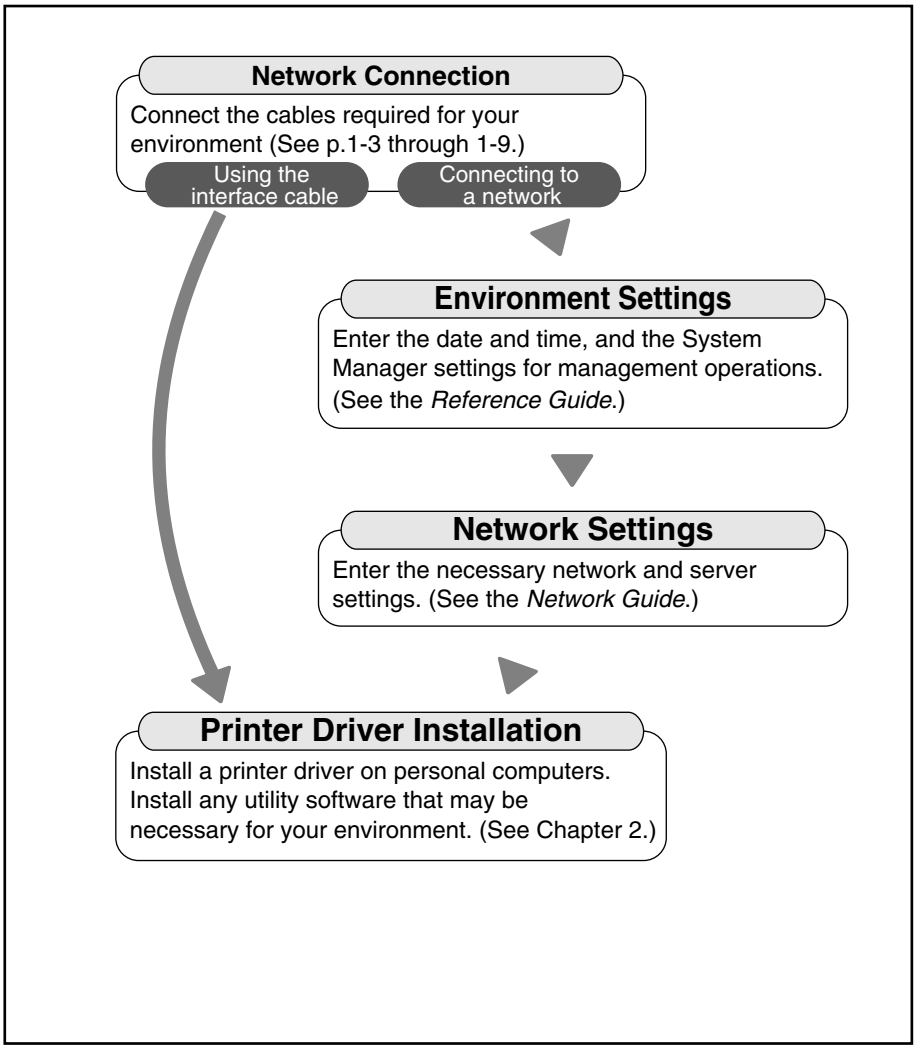
This chapter describes how to connect the machine to a computer or network so you can print from the machine.

Setting Up the Network Connection 1-2
Settings Flowchart 1-2
Connecting the Machine to a Computer or Network 1-3
Connecting a Network Cable 1-5
When Using Ethernet 1-6
When Using Token Ring 1-8

Setting Up the Network Connection

This section describes how to connect the machine to a personal computer or network, and describes the types of connection and cables you can use.

Settings Flowchart



Connecting the Machine to a Computer or Network

The machine can be connected to a computer or network with an asynchronous interface cable, 10Base-T/100Base-TX Ethernet cable, UTP cable or STP cable.

CAUTION

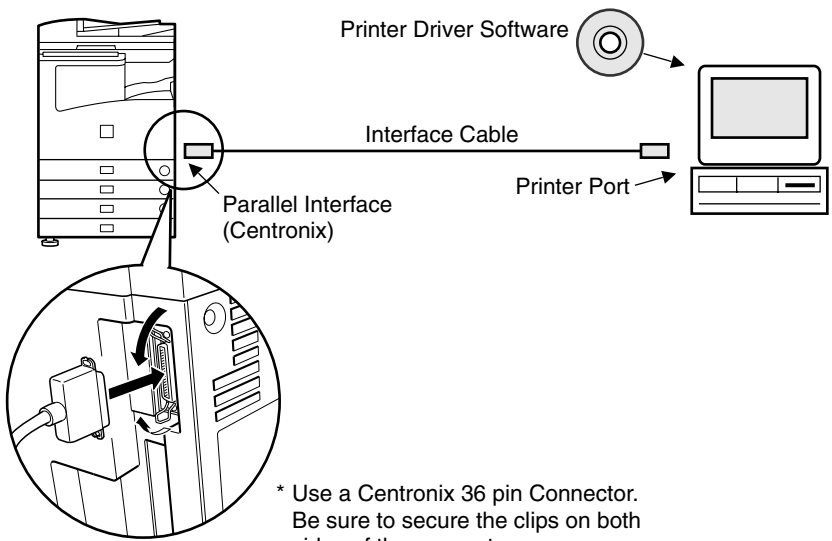
- **When connecting the interface cable or network cable, be sure to observe the following precautions. These are to avoid electric shock.**
  - **Turn off the touch panel display and switch the Main Power and Control Power switches to OFF. Then unplug the power cable from the power supply. (See the *Reference Guide*.)**
  - **Turn off the computer and unplug its power cord from the power supply.**

IMPORTANT

- Any interface cable or network cable included in the package. Please obtain a suitable cable for your computer or network.

Connecting to a DOS/Windows Computer

For IBM PC/AT compatible personal computers and other DOS/Windows computers, the printer port is usually the parallel port. Connect the interface cable of your computer to the parallel interface of the machine and to the printer port of your computer.



* Use a Centronix 36 pin Connector. Be sure to secure the clips on both sides of the connector.

IMPORTANT

- When the machine is connected to a personal computer via the parallel interface, you will not be able to use some of the utility software. (See Chapter 2 “Installing Software,” on p. 2-1.)

Connecting to a Macintosh Computer

To connect the machine to a Macintosh computer, connect the Macintosh to the machine's printer server via an AppleTalk network. For more information, see "Connecting to a Network," below.

Connecting to a Network

The machine has an internal printer server that supports TCP/IP, AppleTalk, and NetWare, which enables it to be used as a network printer by UNIX, Macintosh, and Windows computers. It also has a 10Base-T/100Base-TX and Token Ring connector that can be used on most LANs.

IMPORTANT

- If two or more machines are on an AppleTalk network, they should be switched on 10 seconds or more apart.

NOTE

- The internal printer server can automatically detect the type of network connection. (10Base-T or 100Base-TX)
- After connecting the network cable, perform the following operations. (For more information, see the relevant descriptions.)
  - Set the date and time, and System Manager settings. (See the *Reference Guide*.)
  - Set the network settings. (See the *Network Guide*.)
  - Install a printer driver. (See Chapter 2 "Installing Software," on p. 2-1.)

Connecting a Network Cable

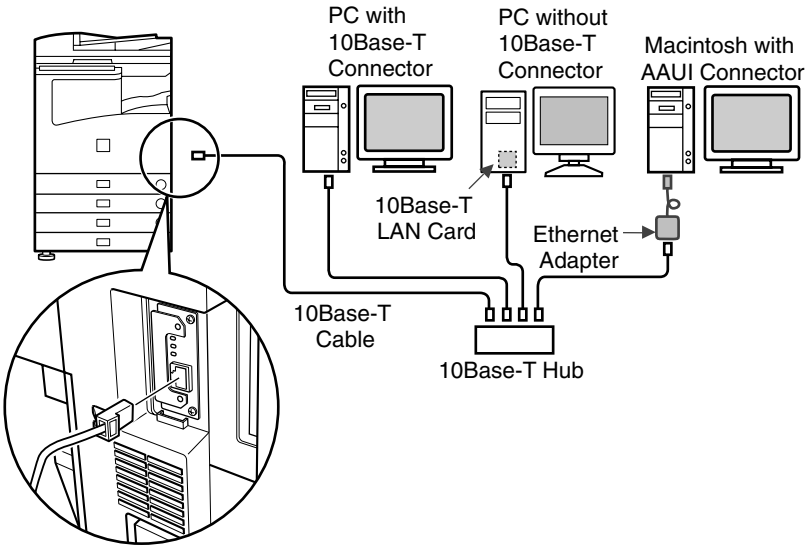
If you are using Ethernet as interface, see “When Using Ethernet,” on p. 1-6.
If you are using Token Ring as interface, see “When Using Token Ring,” on p. 1-8.

IMPORTANT

- Connect the machine to Ethernet or Token Ring network. However, you cannot use the machine to connect to both types of network at the same time.
- You cannot use the machine as a repeater, bridge, or gateway.

■ Connecting Using 10Base-T

Connect the machine's 10Base-T/100Base-TX connector to a hub port using a Category 5 twisted pair LAN cable (10Base-T LAN cable). Any personal computer connected to this network must have a network board.

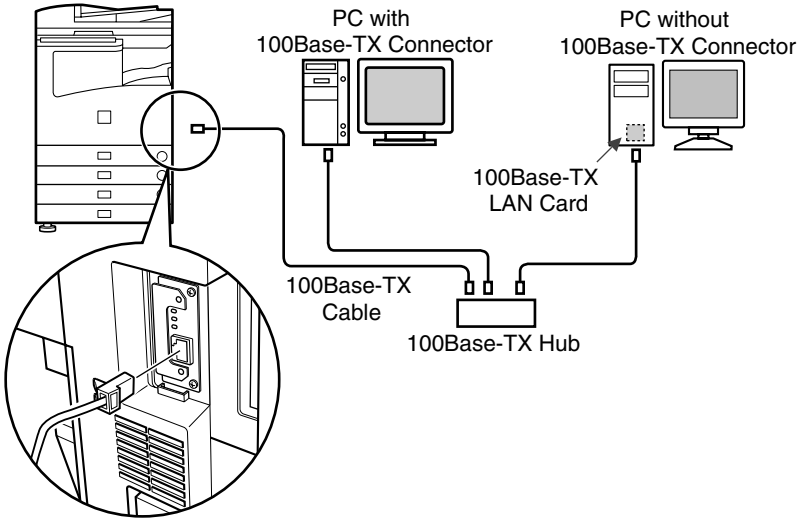


IMPORTANT

- If the machine has both network boards (Ethernet and Token Ring), remove the Token Ring board.

■ Connecting Using 100Base-TX

Connect the machine's 10Base-T/100Base-TX connector to a hub port using a Category 5 twisted pair LAN cable (100Base-TX LAN cable). Any personal computer connected to this network must have a 100Base-TX network board.



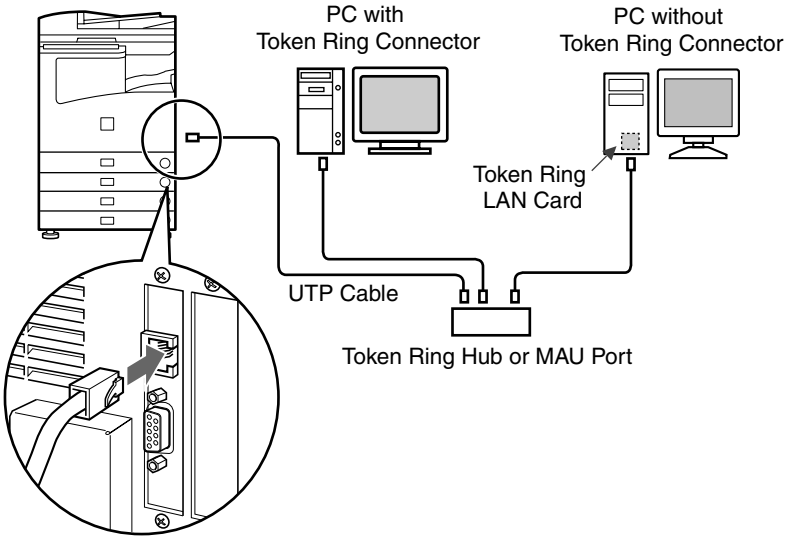
IMPORTANT

- If the machine has both network boards (Ethernet and Token Ring), remove the Token Ring board.
- All devices connected to the network, such as hubs, LAN cables, LAN cards, etc., must support 100Base-TX. For more information, consult your service representative.

■ Connecting Using a UTP (Unshielded Twisted Pair) Cable

The Token Ring board has two connectors. One is a RJ-45 connector for UTP cables, and the other is for STP cables. Use one of these connectors to connect to the network. Do not connect anything to the other connector. You cannot use both connectors at the same time.

Connect the UTP connector of the Token Ring board that is installed on the machine to a hub or MAU port using a Category 5 UTP cable. Any personal computer connected to this network must have a network board.

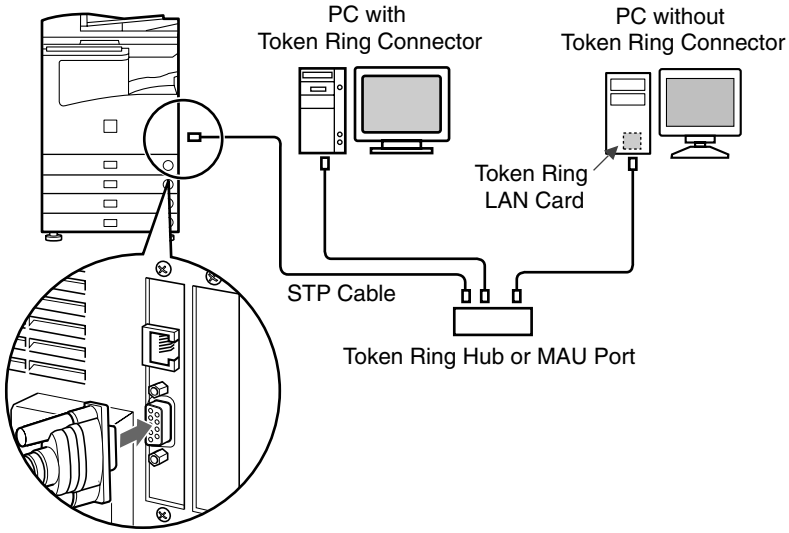


IMPORTANT

- If the machine has both network boards (Ethernet and Token Ring), remove the Ethernet board.
- All devices connected to the network, such as hubs, Token Ring cables, Token Ring cards, etc., must support Token Ring. For more information, consult your service representative.

■ Connecting Using a STP (Shielded Twisted Pair) Cable

Connect the STP connector of the Token Ring board that is installed on the machine to a hub or MAU port using a IBM Type 1 or Type 1A STP cable. Any personal computer connected to this network must have a network board.



IMPORTANT

- If the machine has both network boards (Ethernet and Token Ring), remove the Ethernet board.
- All devices connected to the network, such as hubs, Token Ring cables, Token Ring cards, etc., must support Token Ring. For more information, consult your service representative.

Installing Software

2
CHAPTER

This chapter describes how to install the software on the User Software CD-ROM supplied with your machine.

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- System Requirements 2-4

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- Installing a PCL Printer Driver or a PS Printer Driver 2-5
- Installing the Canon Font Manager 2-7
- Installing the NetSpot Software 2-7
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Using the PS File Downloader 2-12
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- Quitting the PS File Downloader 2-14

About the User Software CD-ROM

This section provides a list of the contents of the CD-ROM along with a brief guide to which software you should install.

What the CD-ROM Contains

The CD-ROM contains the following software and documents:

iR Series Driver Software (Disc 1)

For Windows users

- **PCL Printer Driver**
  Install this software to use the PCL print functions of the machine.
- **PS Printer Driver**
  Install this software to use the PS print functions of the machine.
- **LPR Port Utility**
  Install this software to set LPD settings.
- **Canon Font Manager**
  Install this software to manage fonts and to view them clearly on your computer.
- **PPD file**
  Install this file to print from a Windows computer.
- **Acrobat Reader**
  Install this software to view the manuals included in the CD-ROM.
- **PCL Driver Guide**
- **PS Driver Guide**

For Macintosh users

- **PPD file**
  Install this file to print from a Macintosh computer.

■ **Acrobat Reader**
Install this software to view the Readme file that describes how to install the PPD File.

■ **PS Screen Fonts**

■ **PS File Downloader**
Install this software to download PS files of jobs frequently printed to the machine.

iR Series Utility Software (Disc 2)

For Windows users

■ **Acrobat Reader**
Install this software to view the manuals included in the CD-ROM.

■ **NetSpot**
Install this software to use NetSpot to control the machine from your computer.

■ **JBIG Image Viewer**
Install this software to view jobs stored in Mail Boxes, when using the Remote UI software.

■ **Device Status Extension (DSE) for Windows 2000**
Install this software to monitor the status of the machine or print jobs via a web browser.

For Macintosh users

■ **Acrobat Reader**
Install this software to view the Readme file that describes how to install the PPD File.

■ **NetSpot**
Install this software to use NetSpot to control the machine from your computer.

■ **JBIG Image Viewer**
Install this software to view jobs stored in Mail Boxes, when using the Remote UI software.

iR Series Network ScanGear

■ **Network ScanGear for Windows**
Install this software to use the machine on a network as a scanner.

■ **Network ScanGear User's Guide**

■ **Acrobat Reader**
Install this software to view the manuals included in the CD-ROM.

iR Series Fax Driver Software

■ **Acrobat Reader**
Install this software to view the manuals included in the CD-ROM.

■ **Fax Driver**
Install this software to use the machine as a Fax

System Requirements

The CD-ROM is designed for use with Windows 95/98/Me, Windows NT 4.0, Windows 2000, or Macintosh computers.

Installing the Software on the CD-ROM

This section describes how to install the printer driver and other software included on the CD-ROM.

Installing a PCL Printer Driver or a PS Printer Driver

IMPORTANT

- For Windows NT 4.0 or Windows 2000, log in as Administrator when you install the driver.

Using the Setup Program to Install the Printer Driver

1 **Insert the CD-ROM (Disc 1) into the CD-ROM drive.**

2 **Double-click the My Computer icon on the Desktop.**

3 **In the My Computer folder, double-click the CD-ROM icon, then open the PCL, Drivers, UKEng and Setup folders or the PS, Drivers, UKEng and Setup folders.**

4 **Double-click the Setup icon.**

5 **Follow the instructions on the screen to finish the installation.**

Using the Add Printer Wizard for Windows

1 **Click the Start button, point to Settings, and then click Printers.**

2 **In the Printers folders, double-click the Add Printer icon to start the Add Printer Wizard.**

3 **Confirm that the Wizard has started, and then click the Next button.**

4 **Follow the instructions on the screen to continue the installation.**

5 **Insert the CD-ROM (Disc 1) into the CD-ROM drive, then click the Have Disk button.**

6 **Click the Browse button to select the folder containing the driver you want to install, then click the OK button.**

- **PCL5e Drivers**

  Windows 95/98/Me: PCL\DRIVERS\UKEng\Printer\PCL5e\WIN9x_Me
  Windows NT 4.0: PCL\DRIVERS\UKEng\Printer\PCL5e\WINNT40
  Windows 2000: PCL\DRIVERS\UKEng\Printer\PCL5e\WIN2000

- **PCL6 Drivers**

  Windows 95/98/Me: PCL\DRIVERS\UKEng\Printer\PCL6\WIN9x_Me
  Windows NT 4.0: PCL\DRIVERS\UKEng\Printer\PCL6\WINNT40
  Windows 2000: PCL\DRIVERS\UKEng\Printer\PCL6\WIN2000

- **PS Drivers**

  Windows 95/98/Me: PS\DRIVERS\UKEng\Printer\WIN9x_Me
  Windows NT 4.0: PS\DRIVERS\UKEng\Printer\WINNT40
  Windows 2000: PS\DRIVERS\UKEng\Printer\WIN2000

7 **Select your printer model from the list, and then click the Next button.**

8 **Follow the instructions on the screen to continue, then click the Finish button to start copying the files.**

Installing the Canon Font Manager

1. **Insert the CD-ROM (Disc 1) into the CD-ROM drive.**
2. **Double-click the My Computer icon on the Desktop.**
3. **In the My Computer folder, double-click the CD-ROM icon, then open the Canonfm and english folders.**
4. **Double-click the Setup icon.**
5. **Follow the instructions on the screen to finish the installation.**

Installing the NetSpot Software

The *Network Guide* contains instructions on how to install the NetSpot software.

Installing the LPR Port Utility

The *Network Guide* contains instructions on how to install the LPR Port Utility.

Installing JBIG Image Viewer

1. **Insert the CD-ROM (Disc 2) into the CD-ROM drive.**
2. **Double-click the My Computer icon on the Desktop.**
3. **In the My Computer folder, double-click the CD-ROM icon, then open the JBIG, english and Setup folders.**
4. **Double-click the Setup icon.**
5. **Follow the instructions on the screen to finish the installation.**

Installing DSE

1. **Insert the CD-ROM (Disc 2) into the CD-ROM drive.**
2. **Double-click the My Computer icon on the Desktop.**
3. **In the My Computer folder, double-click the CD-ROM icon, then open the DSE and english folder.**
4. **Double-click the Setup icon.**
5. **Follow the instructions on the screen to finish the installation.**

Installing Network ScanGear

Before using the machine as a scanner, you must install Network ScanGear.

IMPORTANT

- For Windows NT 4.0 or Windows 2000, log in as Administrator when you install this software.

1. **Insert the iR Series Network ScanGear CD-ROM into the CD-ROM drive.**
2. **Double-click the My Computer icon, and then double-click the CD-ROM drive icon.**
3. **Double-click the driver, english and disk1 folder icons, and then double-click the Setup icon to start the installation process.**
4. **Follow the instructions on the screen to finish the installation.**

NOTE

- For the detailed installation procedures, refer to the *Network ScanGear User's Guide*.
- For information on using Network ScanGear, see the on-line help, or the *Network ScanGear User's Guide*.

Installing the Fax Driver

The *PCL Driver Guide* contains instructions on how to install the Fax Driver.

Installing the Macintosh PPD File

Follow the instructions below to install the PPD file on a Macintosh computer.

1 **Insert the CD-ROM (Disc 1) into your Macintosh's CD-ROM drive.**

2 **Double-click on the CD-ROM icon, then open the PPD, iR2200_3300, and uk_eng folders.**

3 **Copy the PPD file "CNIR22E1.PPD" to the Printer Descriptions folder in the Extensions folder of the System Folder.**

NOTE

- If you are using QuarkXPress for Macintosh, also copy the PPD file "CNIR22E1QX.PPD" to the Printer Descriptions folder. If you are using PageMaker for Macintosh also copy the PPD file "CNIR22E1PM.PPD" to the Printer Descriptions folder.
- When using QuarkXPress, please make sure that both the PPD selected in the Chooser and that for "Printer Description:" when printing from QuarkXPress are CNIR22E1QX.PPD.
- When using PageMaker, please make sure that the PPD selected in the "Printer Description:" when printing from PageMaker is CNIR22E1PM.PPD.

4 **Select the Chooser from the Apple menu, then select a PS printer driver and select the iR3300/2800/2200 Series from the list of available printers.**

5 **Click the Setup button to set-up the settings so you can print from your Macintosh.**

Installing the PS Screen Fonts

Follow the instructions below to install the PS screen fonts on a Macintosh computer.

1 **Insert the CD-ROM (Disc 1) into the CD-ROM drive.**

2 **Double click on the CD-ROM icon, then open the Fonts folder.**

3 **Drag the font you want to install to the System Folder. Follow the instructions on the screen to finish installation.**

NOTE

- Do not open the System Folder before dragging the font into it, as the font would not install automatically.

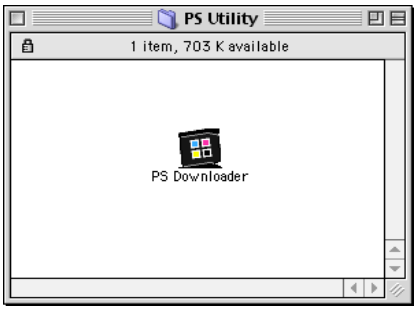
Using the PS File Downloader

If you want to print the same job more than once, you can specify an output file and save it as a PS file, rather than carrying out the printing procedure every time. The PS File Downloader can then download these PS files to the machine. The PS File Downloader allows you to copy out printing operations efficiently.
For example, this programme allows you to print PS language files created during normal working hours during off-peak hours, such as early in the morning or at night.

Installing the PS File Downloader

1 **Insert the CD-ROM (Disc 1) into the CD-ROM drive.**

2 **Double-click on the CD-ROM icon, then double-click on the PS Utility folder.**



3 **Copy the PS File Downloader icon to your Macintosh's Desktop.**

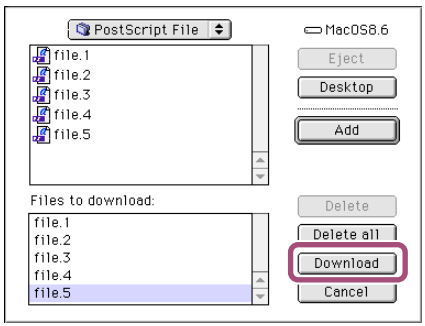
1 **Double-click on the PS File Downloader icon.**

2 **Select the PS file that you want to download and click [Add] to add it to the list of files to download.**

3 **Click [Download] to download the specified PS files to the machine. These files are printed one after another.**

NOTE

- If you select a file in the list and click [Delete], the file will be removed from the list. If you click [Delete all], all files in the list will be removed. "Delete" does not mean deleting the file from the hard disk drive. It just means cancelling the file download.
- Fonts cannot be downloaded with the PS File Downloader. Use the font downloader utility which came with the font to download a particular font.



Quitting the PS File Downloader

1 **Click [Cancel].**

2 **Click File menu in the menu bar and select Quit.**

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