

# Driver Installation Guide

This manual describes how to install drivers to use this printer.

## Installing Drivers and Software

You can install the necessary drivers for this printer from the supplied CD-ROM.

### ★ Important

- ❑ The supplied drivers are supported by the following operating systems:
  - PCL 6 printer driver: Windows XP/Vista/7 and Windows Server 2003/2003 R2/2008/2008 R2
  - PostScript 3 printer driver: Windows XP/Vista/7 and Windows Server 2003/2003 R2/2008/2008 R2, and Mac OS X 10.3 or later

### ↓ Note

- ❑ This manual uses procedures based on Windows 7, and Mac OS X 10.6 as an example, unless otherwise specified. Procedures might vary depending on the operating system you are using.

### 📖 Reference

- ❑ For the Mac OS X installation procedure, see p.9 “When Using the Printer under Mac OS X”.

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## Installing the Printer Driver When Using the Network Connection (Windows)

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This section explains how to install the printer driver that allows you to use this printer in a network environment.

### ★ Important

- ❑ Before beginning this procedure, you must assign the IP address on the printer. For details about setting the printer’s IP address, see Hardware Guide.
- ❑ Manage Printers permission is required to install the driver. Log on as an Administrators group member.

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### PCL 6 Printer Driver

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Use the following procedure to install the PCL 6 printer driver.

- 1** Close all applications except this manual.
- 2** From the CD-ROM menu, click [PCL 6 Printer Driver].

The software license agreement appears.

- 3** After reading the agreement, click [**I accept the agreement.**], and then click [**Next>**].
- 4** Select [**Add a new printer**], and then click [**Next>**].
- 5** Select [**Connect to a printer port or LAN**], and select the printer detection method, and then click [**Next>**].  
To detect the printer automatically, select [**Search for printers automatically**].  
To specify the printer directly, select [**Search for printers by specified IP Address**].
- 6** If you selected [**Search for printers automatically**] in step 5, select the printer, and then click [**Next>**].  
If you selected [**Search for printers by specified IP Address**] in step 5, enter the printer's IP address in the [**IP Address**] box, and then click [**OK**].
- 7** Double-click the printer name to display the printer's settings, change the settings as required, and then click [**Continue**].  
If [**Windows can't verify the publisher of this driver software**] display appears in the installation, click [**Install this driver software anyway**].
- 8** If a message appears informing you that the installation was successfully completed, click [**Finish**].

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### **PostScript 3 Printer Driver**

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Use the following procedure to install the PostScript 3 printer driver.

- 1** Close all applications except this manual.
- 2** From the CD-ROM menu, click [**PostScript 3 Printer Driver**].
- 3** Click [**Add a local printer**].
- 4** Click [**Create a new port**].
- 5** Select [**Standard TCP/IP Port**], and then click [**Next**].
- 6** Enter the printer's name or IP address in the [**Hostname or IP address**] box, and then click [**Next**].
- 7** Check that the name of the printer whose driver you want to install is selected, and then click [**Next**].
- 8** Change the name if you want, and then click [**Next**].  
If [**Windows can't verify the publisher of this driver software**] display appears in the installation, click [**Install this driver software anyway**].
- 9** Specify whether or not to share this printer, and then click [**Next**].

- 10** Select whether or not to use this printer as the default printer, and click [Print a test page] to print a test page if necessary, and then click [Finish].

**Note**

- Auto Run might not work under certain operating system settings. If this is the case, launch "Setup.exe" from the CD-ROM root directory.
- To stop the selected software installing, click [Cancel] before the installation is complete.
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add a printer]. See p.8 "If a Message Appears during Installation (Windows)".

**Reference**

- For details about reconfiguring the printer settings, when the search for network printer fails, see p.3 "If the network printer search fails".
- For details about the network connection, see Hardware Guide.

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### If the network printer search fails

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This section explains how to reconfigure the settings if the network printer search fails during the installation.

Use the control panel to check the printer's IP address settings, and then reconfigure these settings if necessary.

❖ **Reconfigure the printer's IP address**

Use the control panel to check the printer's current IP address settings under [Network Setting]. You can change these settings if necessary. For details, see "Changing the Host Interface Menu", Software Guide.

❖ **Reconfigure the port settings**

- 1** On the [Start] menu, click [Devices and Printers].
- 2** Click the name of this printer, and then click [Print server properties].  
The print server properties appears.
- 3** Click the [Ports] tab, and then click [Add Port...].
- 4** Click [Standard TCP/IP Port], and then click [New Port...].  
The Add Standard TCP/IP Printer Port Wizard appears.
- 5** Click [Next>].
- 6** Enter the printer's IP address or printer name that are printed on the configuration page, and then click [Next>].
- 7** Click [Finish].
- 8** Click [Close] twice.

**9** Close the Control Panel window.

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## Installing the Printer Driver to Use As a Windows Network Printer

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This section explains how to install the printer driver for using this printer as a Windows network printer.

**★ Important**

- Before you can make the following settings, you must configure this printer as a Windows network printer. For details about configuring a Windows network printer, see “Using a Print Server”, Software Guide.

**1** On the [Start] menu, click [Devices and Printers].

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

The Add Printer wizard appears.

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

**4** Select this printer from the list of the shared printers, and then click [Next].

If [Do you trust this printer?] display appears in the installation, click [Install driver].

**5** Click [Next].

**6** Select whether or not to use this printer as the default printer, and click [Print a test page] to print a test page if necessary, and then click [Finish].

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## Installing the Printer Driver When Using the USB Connection (Windows)

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This section explains how to install the printer driver that allows you to use this printer via USB.

**★ Important**

- Manage Printers permission is required to install the driver. Log on as an Administrators group member.

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### PCL 6 Printer Driver

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Use the following procedure to install the PCL 6 printer driver.

- 1** Close all applications except this manual.
- 2** Check the following:
  - The printer's USB cable is disconnected
  - The printer's main power switch is turned to off
- 3** From the CD-ROM menu, click [PCL 6 Printer Driver].

The software license agreement appears.
- 4** After reading the agreement, click [I accept the agreement.], and then click [Next>].
- 5** Select [Add a new printer], and then click [Next>].
- 6** Select [Connect USB cable], and then click [Next>].
- 7** In the [Select USB Connected Printer] dialog box, select a printer, and then click [Next>].

A message appears, asking you to check that the USB cable is not connected and the printer's main power switch is turned to off.
- 8** Check the USB cable and the printer status, and then click [Next>].

If [Windows can't verify the publisher of this driver software] display appears in the installation, click [Install this driver software anyway].
- 9** When the [<Auto-detect USB Port>] dialog box appears, connect this printer to the computer using a USB cable, and then turn the printer's main power switch to on.

The auto-detecting starts.  
To cancel the auto-detecting, click [Stop Auto-detecting].
- 10** When the dialog box asking you to use this printer as the default printer appears, click either key.
- 11** When a message appears informing you that the installation was successfully completed, click [Finish].

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## PostScript 3 Printer Driver

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Use the following procedure to install the PostScript 3 printer driver.

- 1** Close all applications except this manual.
- 2** Connect the printer to your computer using a USB cable, and then turn the printer's power switch on.
- 3** On the [Start] menu, click [Devices and Printers].
- 4** In [Unspecified], double-click the name of the printer whose driver you want to install.
- 5** Click the [Hardware] tab in the printer properties dialog box.
- 6** Select the name of the printer whose driver you want to install, and then click [Properties].
- 7** Click [Change settings].
- 8** Click the [Driver] tab.
- 9** Insert the CD-ROM.  
If the [AutoPlay] dialog box appears, click the [Close] button.  
Skip this step if you are referring this manual from the driver CD-ROM.
- 10** Click [Update Driver...].
- 11** Click [Browse my computer for driver software].
- 12** Click [Browse...] to select the printer driver location, and then click [OK].  
If the CD-ROM drive is D, the source files of the driver are stored in the following locations:  
D:\DRIVERS\PS\ (XP\_VISTA or X64)\(language)\DISK1
- 13** Click [Next].  
If [Windows can't verify the publisher of this driver software] display appears in the installation, click [Install this driver software anyway].
- 14** Click [Close].  
If installation is successful, the name of the printer connected to the "USB001" port is added to the [Devices and Printers] window.
- 15** Click [Close] to close the printer properties dialog box.

**Note**

- ❑ In a Windows 7 environment, depending on security settings, the **[User Account Control]** dialog box might appear after you insert the CD-ROM. If this is the case, click **[Yes]**.
- ❑ If the printer driver is already installed, plug and play is enabled and the printer connected to the USB port appears automatically in the **[Devices and Printers]** window.
- ❑ When USB is first used, plug and play starts. Then the **[New Hardware Found]**, **[Device Driver Wizard]**, or **[Add New Hardware Wizard]** dialog box appears, depending on the operating system.
- ❑ To disable Auto Run, press the left **[Shift]** key when inserting the CD-ROM into the drive and keep it pressed until the computer finishes reading from the CD-ROM.
- ❑ The number after “USB” varies depending on the number of printers connected.
- ❑ A message appears if the printer connection fails. Check the USB cable is connected and the printer’s main power switch is turned to on, and then click **[Retry]**.
- ❑ The USB port is available only for the printer driver that is installed first. To install additional drivers for this printer, install them using other ports (such as LPT1). Then, after the installation, change the port settings to the specified USB port.

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## Troubleshooting USB

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

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## If a Message Appears during Installation (Windows)

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When a message that shows the number 58 or 34 appears during the installation, the printer driver can not be installed using Auto Run. Please use **[Add a printer]** or **[Install Printer]** to install the printer driver.

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### Windows XP Professional, Windows Server 2003/2003 R2

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

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### Windows XP Home Edition

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

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### Windows Vista, Windows Server 2008

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- 1** On the **[Start]** menu, click **[Control Panel]**.
- 2** Click **[Printer]** in "Hardware and Sound".
- 3** Click **[Add a printer]**.
- 4** Follow the instructions in the Add Printer Wizard.

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### Windows 7

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

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## When Using the Printer under Mac OS X

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The procedures in this section explain how to set up the printer under Mac OS X 10.6.

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### Installing the Printer Driver

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Use this procedure to install the drivers under Mac OS X 10.6.

**★ Important**

- To install the driver, you must log on as an Administrator. For details, contact your administrator.

- 1** Close all applications except this manual.
- 2** Double-click the CD-ROM icon.
- 3** Double-click the [Mac OS X] folder.
- 4** Double-click the [PS Driver] folder.
- 5** Double-click the folder of the manufacturer.
- 6** Double-click your operating system's version.
- 7** Double-click the package file icon.
- 8** Follow the instructions on the screen.

**↓ Note**

- When the Authenticate dialog box appears, enter the administrator name and password, and then click [OK].

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### Setting Up the Printer When Using a USB Connection

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Use this procedure to configure the printer for USB connection.

**★ Important**

- The procedure in this section is an example based on Mac OS X 10.6. The actual procedure might vary depending on the operating system you are using.
- Before beginning this procedure, make sure the printer is powered and connected to the computer via a USB cable.

- 1** From the Apple menu, select [System Preferences...].
- 2** Under "Hardware", click [Print & Fax].
- 3** Check the list of printers for the printer name.
- 4** Select the printer from the list, and then click [Options & Supplies...].
- 5** Click the [Driver] tab.

- 6** Check the tray 2 configuration, and then click **[OK]**.
- 7** From the **[System Preferences]** menu, click **[Quit System Preferences]**.

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## Setting Up the Printer When Using a Network Connection

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Use this procedure to configure the printer for Network connection.

**★ Important**

- The procedure in this section is an example based on Mac OS X 10.6. The actual procedure might vary depending on the operating system you are using.
- Before beginning this procedure, make sure the printer is powered and connected to the network.
- Also before beginning this procedure, you must assign the IP address on the printer. For details about assigning the printer's IP address, see Hardware Guide.

- 1** From the Apple menu, select **[System Preferences...]**.
- 2** Under "Hardware", click **[Print & Fax]**.
- 3** Click **[+]**(add) in the lower left area of the **[Print & Fax]** dialog box.  
The **[Add Printer]** dialog box appears.
- 4** Click **[IP]** in the menu.
- 5** In the **[Address]** field, enter the printer's IP address.  
The printer name appears in **[Print Using]**.  
If the printer name does not appear in **[Print Using]**, select **[Other...]** in **[Print Using]**, and then select the model name from the **[Resources]** list.
- 6** Click **[Add]**.
- 7** Check the tray 2 configuration, and then click **[Continue]**.
- 8** Check that the printer's IP address is shown in the **[Printers]** list.
- 9** From the **[System Preferences]** menu, click **[Quit System Preferences]**.

# Software on the CD-ROM

This section describes the CD-ROM supplied with this printer.

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## Viewing the Contents of the CD-ROM

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Use this procedure to view the contents of the CD-ROM.

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

The installer starts.

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

**3** Click [Browse This CD-ROM].

Explorer starts and displays the contents of the CD-ROM.

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## Printer Drivers for This Printer

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Operations require installing drivers appropriate to your operating system. The following drivers are included on the CD-ROM provided with this printer.

❖ **PCL 6 printer driver**

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

❖ **PostScript 3 printer driver**

PostScript 3 printer driver allows the computer to communicate with the printer using a printer language.

❖ **PPD files**

PPD files allow the printer driver to enable specific printer functions.

# Appendix

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Microsoft® Windows® XP Home Edition  
Microsoft® Windows® XP Professional x64 Edition
- The product names of Windows Vista are as follows:  
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Microsoft® Windows Vista® Home Premium  
Microsoft® Windows Vista® Home Basic  
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- The product names of Windows 7 are as follows:  
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 Microsoft® Windows Server® 2008 R2 Datacenter  
 Microsoft® Windows Server® 2008 R2 for Itanium-based Systems  
 Microsoft® Windows® Web Server 2008 R2  
 Microsoft® Windows® HPC Server 2008 R2

 **Note**

- PostScript® 3 in this manual stands for “Adobe PostScript 3 Emulation”.