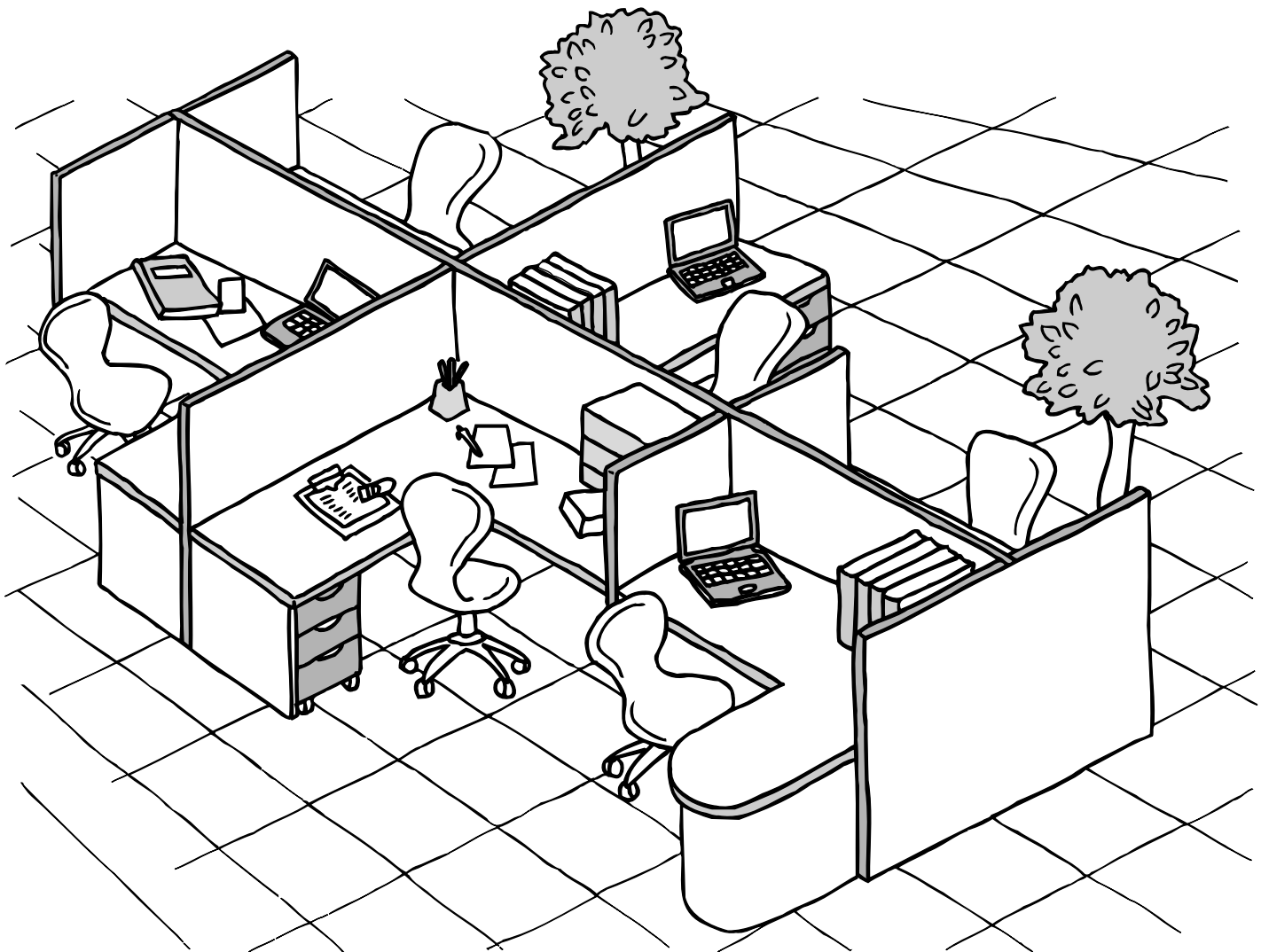


Panasonic®

Software Operating Instructions (For Panasonic Printing System PostScript3)

Model No. DP-2310/3010/3510/3520/4510/4520/6010/6020



WORKIO

Before operating this software, please read these instructions completely and keep these operating instructions for future reference.

English

Before Starting

Printer Section

Troubleshooting

Appendix

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Published in Japan.

The contents of these Operating Instructions are subject to change without notice.

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Precautions

For Users in the USA

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the Operating Guide, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Any unauthorized changes or modifications to this equipment would void the users authority to operate this device.

Warning: To assure continued compliance, use only a shielded interface cable when connecting the machine's parallel interface port to the host computer. Also, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

- You need to read the software license agreement before setting up the Printer Driver.
- You need to read the following precautions which are described in the Machine's Operating Instructions.
 1. Installation
 2. Ventilation
 3. Handling
 4. Toner and Paper
 5. For Your Safety

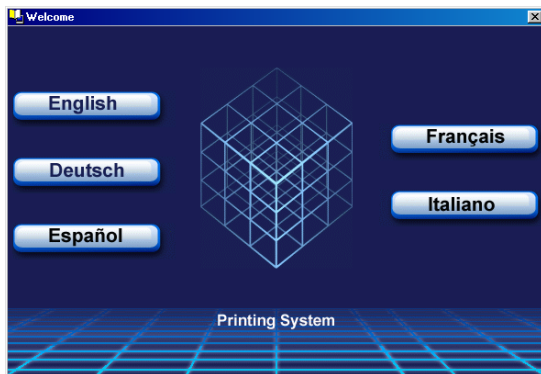
Installing the Printer Driver

Windows 98/Me/NT/2000/XP

1

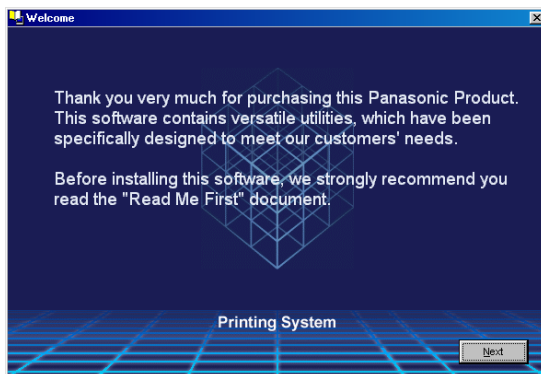
Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive.

2



Select the desired language.

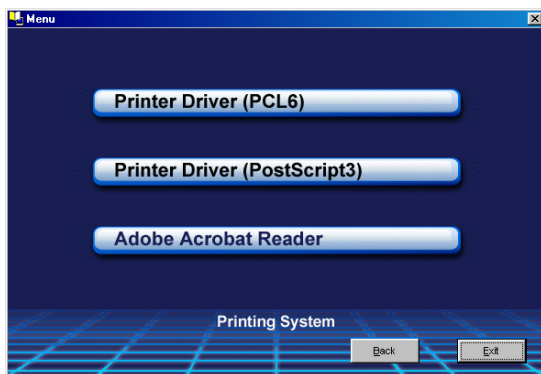
3



The setup message will appear.

Click the button.

4

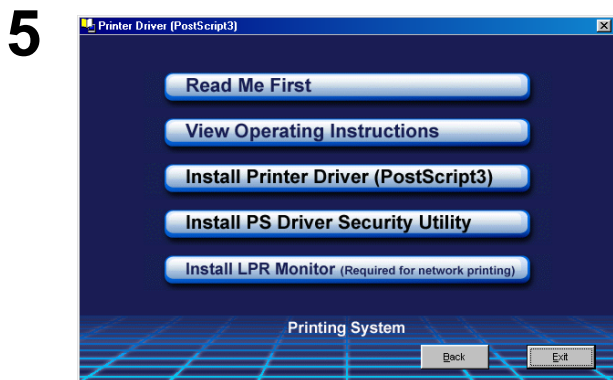


Click **Printer Driver (PostScript3)**.
(See Note 2 on page 9)

Continued on the next page...

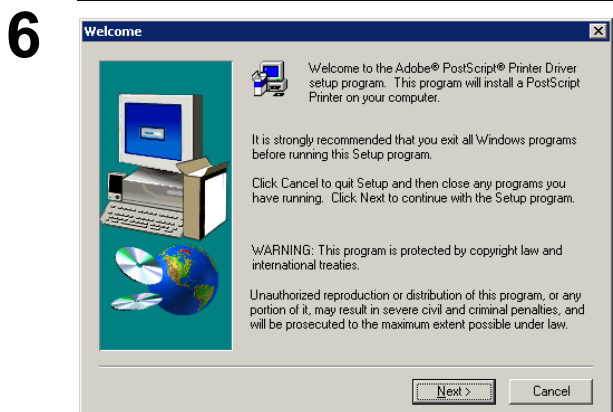
Installing the Printer Driver

Windows 98/Me/NT/2000/XP

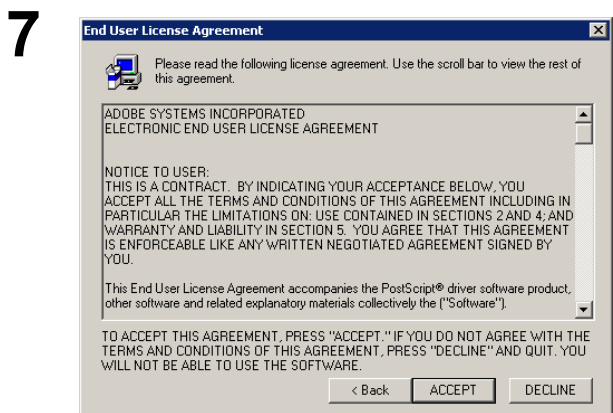


Note for Windows 98/Me users:
If your computer does not have the LPR Port Monitor installed, please proceed to "Installing the LPR Monitor" on page 33 before continuing this installation.

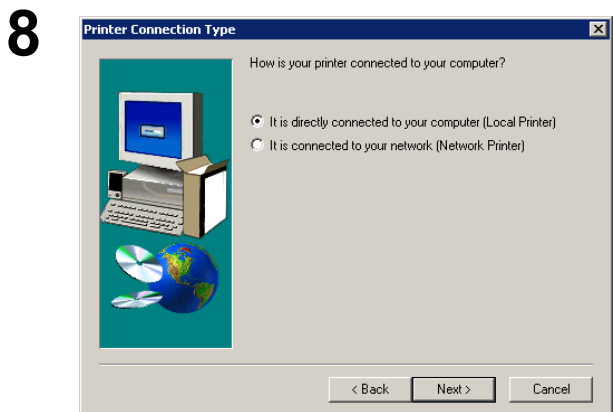
Click **Install Printer Driver (PostScript3)**.



The setup wizard will start.
Click the **Next** button.



Read the End User License Agreement, then click the **ACCEPT** button.

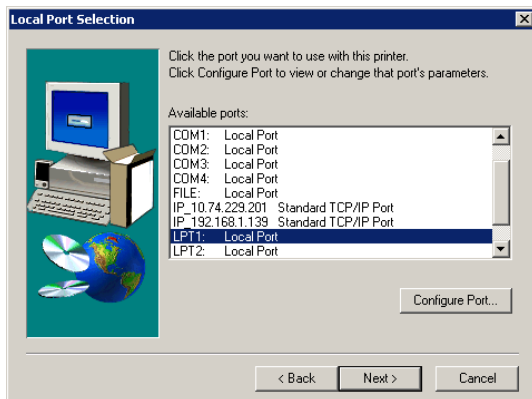


Select **Local Printer**, then click the **Next** button.

Installing the Printer Driver

Windows 98/Me/NT/2000/XP

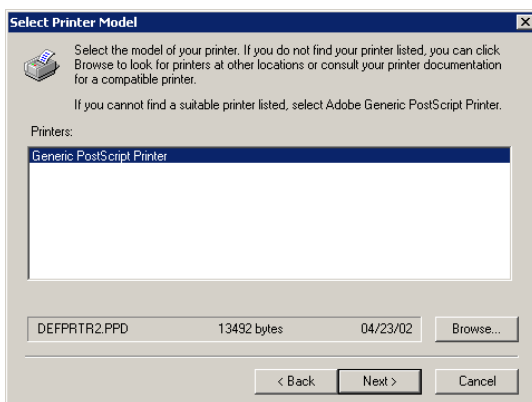
9



Select a printer port, normally **LPT1** for local printers.

Click the button.

10

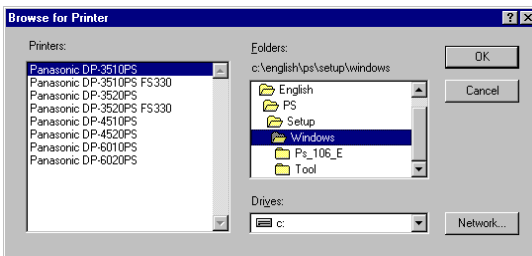


The **Select Printer Model** window appears.

Click the button.

Note: *The Window will appear with Generic PostScript Printer highlighted. Do not select this printer.*

11



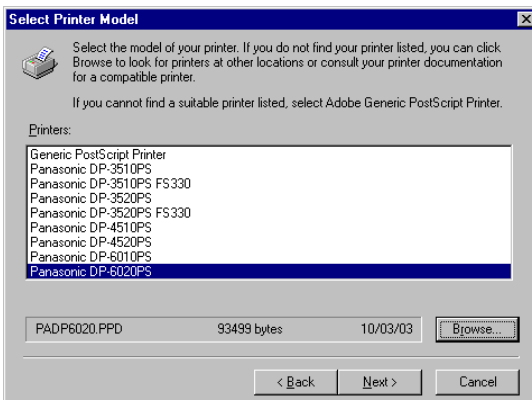
The **Browse for Printer** window appears.

Select the folder directory where the PPD files are stored. On the CD-ROM they are under **D:\English\PS\Setup\Windows** (where "D" is your CD-ROM driver).

The printer models are also displayed.

Click the button.

12



Choose your machine's model and click the

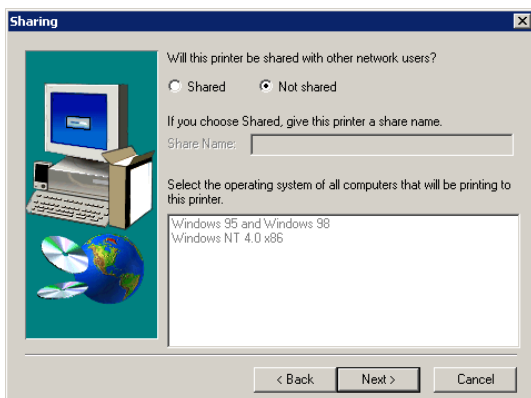
button.

Continued on the next page...

Installing the Printer Driver

Windows 98/Me/NT/2000/XP

13



Specify whether the printer will be shared with other network users. Click **Shared** and enter a shared name, or click **Not shared**.

Click the button.

Note: *This window does not appear in Windows 98/Me. Sharing information is specified during Network Settings.*

14



Printer Information window appears.

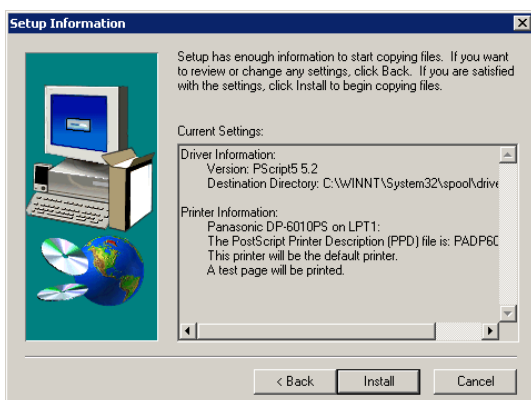
You can accept the default printer name shown or change it as you wish.

Select **Yes**, if you want to use this printer as your default Windows printer.

Select **Yes**, if you would like to print a test page.

Click the button.

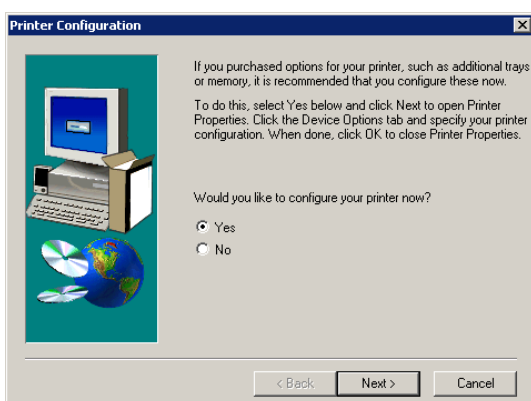
15



Verify the settings in the **Setup Information** window.

Click the button.

16



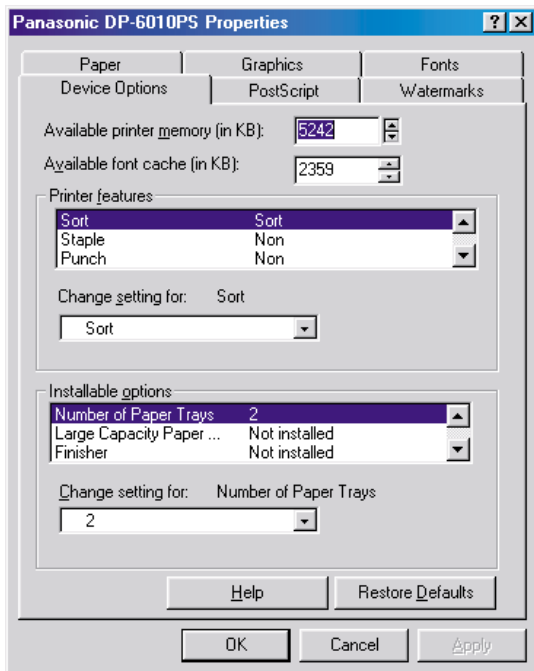
The **Printer Configuration** window appears.

Select **Yes**, to configure your printer now.

Click the button.

Windows 98/Me/NT/2000/XP

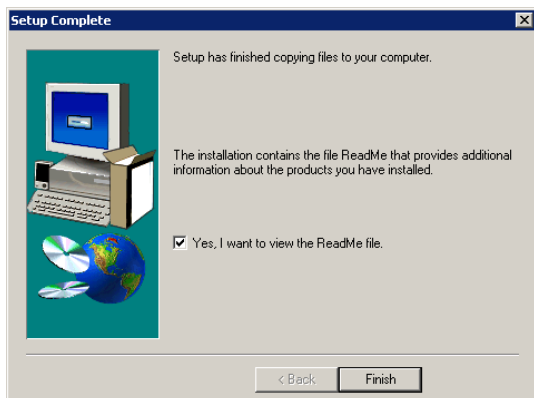
17 <i.e. Windows 98/Me>



Click the button to return to the setup wizard.

Note: For printer properties, refer to "Configuring the Printer Driver Settings". (See pages 49 - 78)

18



Select **Yes**, if you want to view the ReadMe file.

Click the button.

The Panasonic PostScript Printer Driver has been installed, and the Panasonic Printer icon has been added to the Printer folder.

NOTE

1. When installing on Windows NT 4.0 and Windows 2000/XP, logon to the computer/network using an account with administrator rights.
2. If you wish to install the Printer Driver on an IPX-SPX Network (DP-3520/4520/6020 only), please install the IPX-SPX Setup Wizard located on the PDMS Software CD, then install the Printer Driver (PostScript3) by following the procedures on the screens.

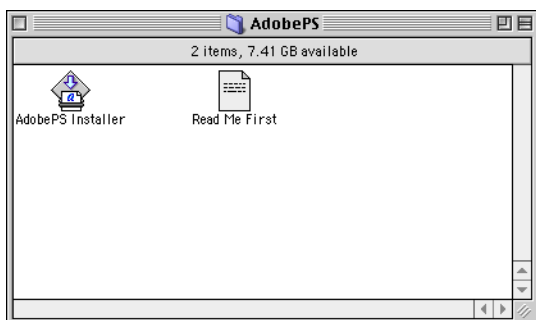
Installing the Printer Driver

Mac OS 8.6/9.x

1

Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive.

2



Double-click the CD icon on the desktop.
English > PS > Setup > Mac > ps_88_E > US.sea.hqx

Please decompress **US.sea.hqx** with decompression tool.

Double-click the **AdobePS Installer** icon to start the setup.

Note: *Installation instructions*
A ".hqx" ".sit" ".sea" file on a Macintosh, use *Stuffit Deluxe* or *Stuffit Expander* by Aladdin Systems (<http://www.aladdinsys.com/>) to access the file's contents. *Stuffit Expander* is available as a freeware product.

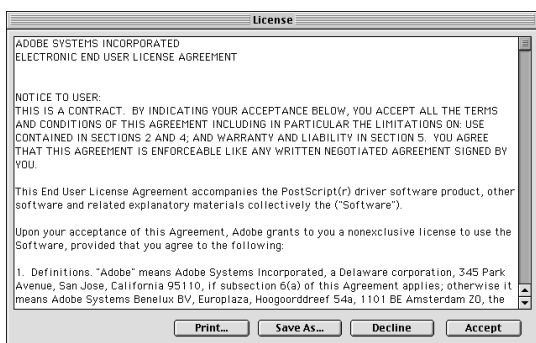
3



The setup message will be displayed.

Click the button.

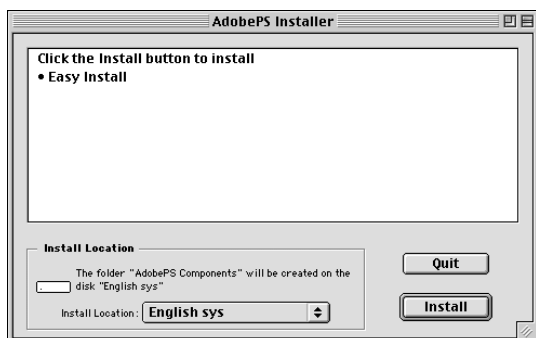
4



Read End User License Agreement, then click the

button.

5



Verify the installation location.

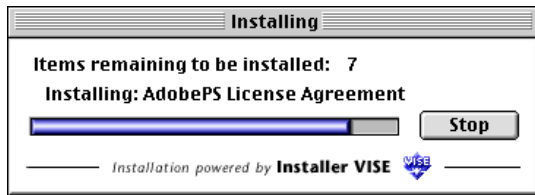
Click the button.

Note: *The printer driver must be installed on the disk with the active System software. If you want to change the location, click on the popup list for an installation location, choose [Select Folder] then choose or create a new folder.*

Installing the Printer Driver

Mac OS 8.6/9.x

6



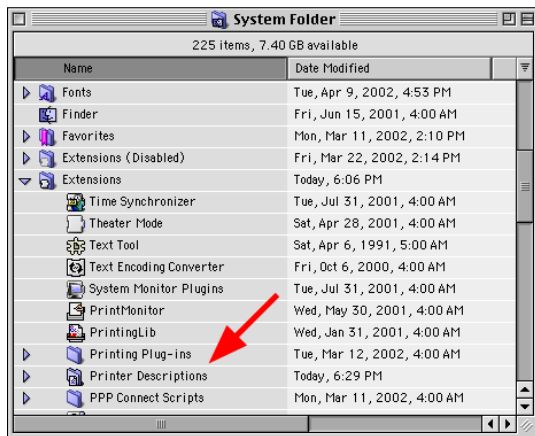
A progress bar indicates that the printer driver is being installed.

7



Click the button.

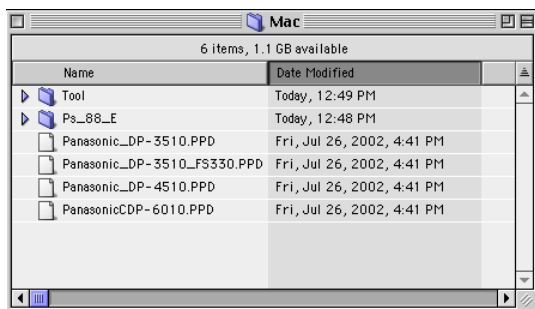
8



After completing the installation of the AdobePS Printer Driver, you must copy the PostScript printer description (PPD) file into the **System Folder** as follows:

Open the following folder within your Macintosh.
System Folder > Extensions > Printer Descriptions

9



Open the **Mac** folder within the CD-ROM.
Select your printer model file, and drag it into your Printer Descriptions folder.

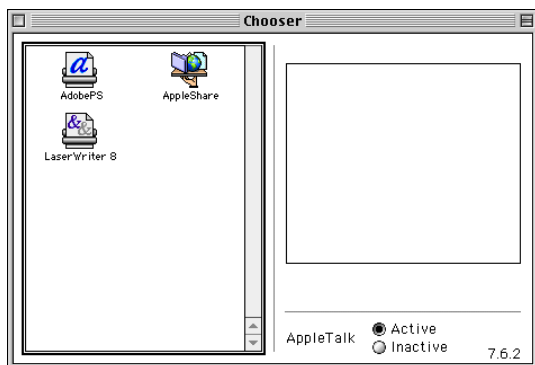
The AdobePS Printer Driver is installed, and the AdobePS icon is added to the **Chooser**.

Continued on the next page...

Installing the Printer Driver

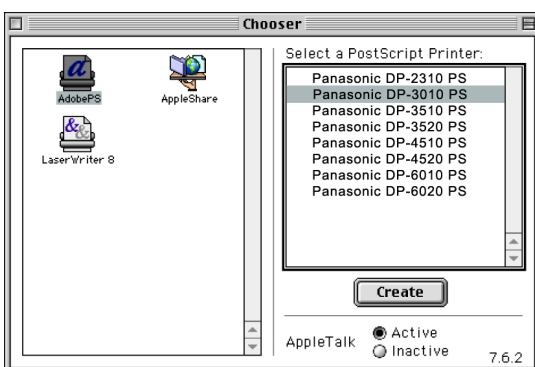
Mac OS 8.6/9.x

10



Select the **Apple Menu**, then select **Chooser**.

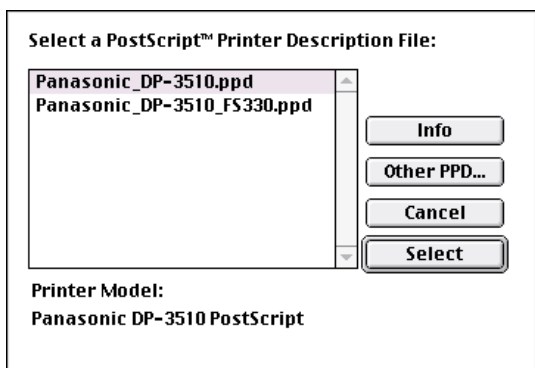
11



Click the **AdobePS** icon as shown in the illustration. Select your printer "Panasonic DP-xxxx" on the right. Click the **Create** button.

If you have selected "DP-3510/3520", go to Step 12, for all others skip to Step 13.

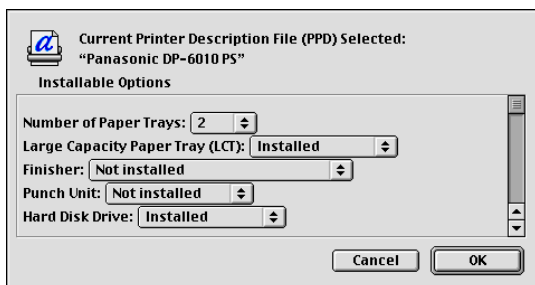
12



A PPD file for the desired printer must be present. Select your machine's model (i.e. "Panasonic_DP-3510.ppd" or "Panasoni_DP-3510_FS330.ppd"), and click the **Select** button.

Select the Panasonic_DP-3510/3520_FS330.PPD file when your machine is a DP-3510/3520, and is configured with a 2-Bin Finisher (DA-FS330).

13



Confirm and/or change the installable options settings for your printer.

Click the **OK** button.

14

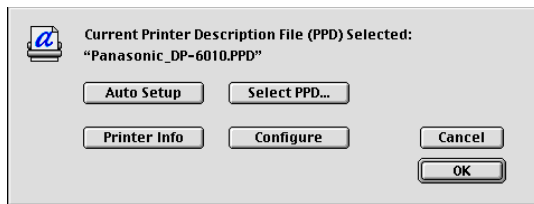
If you close **Chooser**, skip to Step 15.

If you click the **Setup...** button, go to Step 15.

Installing the Printer Driver

Mac OS 8.6/9.x

15



Click the button.

Close **Chooser**.

The driver creates a new desktop printer icon for your device.



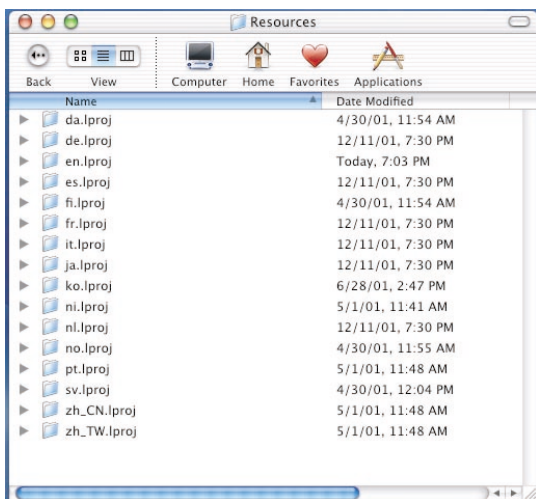
Installing the Printer Driver

Mac OS X

A PostScript printer driver is already provided in Mac OS X. You need to install the PostScript printer description (PPD) file into your system for printing.

To manage the Account Management with the Accounting Manager software, it is essential to setup the Department Code with the PS Driver Security Utility before the Printer Driver is installed.

1

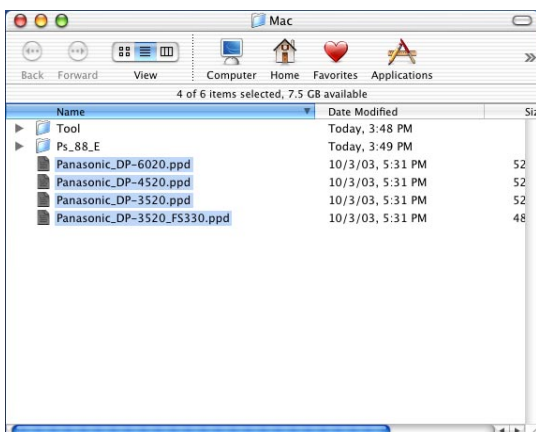


Please copy the PostScript printer description (PPD) file into the Library folder as follows:

Open the following folder within your Macintosh.

Library > Printers > PPDs > Contents > Resources > en.lproj

2

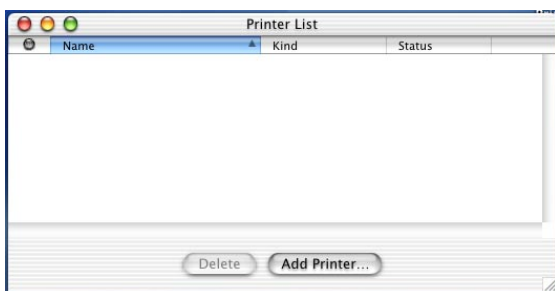


Open the **Mac** folder within the CD-ROM.

Select your printer model file, and drag it into your **en.lproj** folder.

Note: *Open the Mac > MacOSX102 folder on the MAC OS X10.2.*

3



Open the following folder within your Macintosh.

Applications > Utilities > Print Center

Click the **Add Printer...** button.

A list of available AppleTalk printers appears.

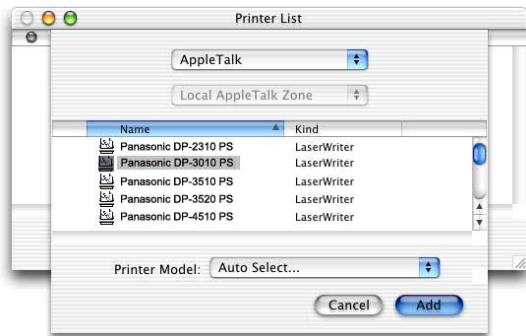
Select your machine's model

("Panasonic DP-xxxx").

Installing the Printer Driver

Mac OS X

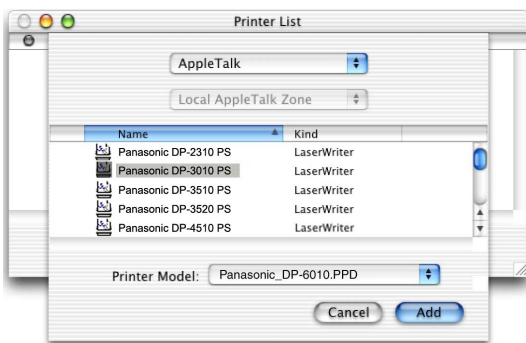
4



Click on the **Printer Model** pull-down menu, and select "**Panasonic_DP-xxxx.PPD**".

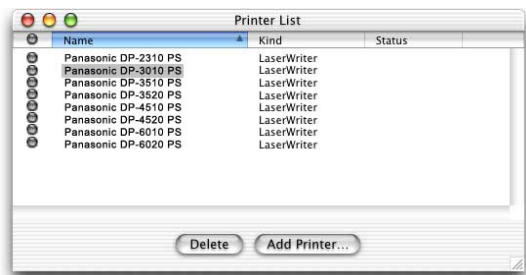
Select Panasonic_DP-3510/3520_FS330.PPD when your machine is a DP-3510/3520, and is configured with a 2-Bin Finisher (DA-FS330). The printer model selection window appears.

5



Click the **Add** button.

6



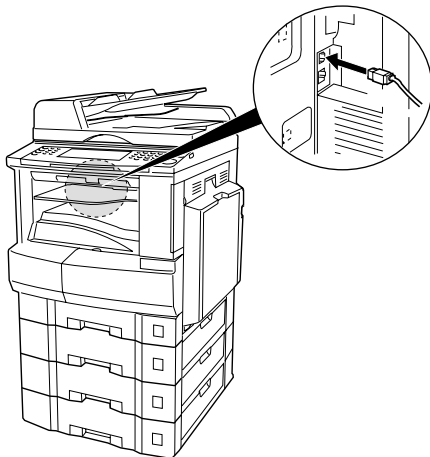
Your machine is added to the Printer List.

Installing the Printer Driver

Connecting with a USB Cable (Windows 98)

When using the USB cable to connect the printer, install the printer driver by following the steps below.
(For DP-2310/3010 only)

1



Connect the printer to the PC with an USB cable.
Turn the Power Switch of your machine ON.

2



The **New Hardware Found** dialog box appears for a brief moment, followed by the **Add New Hardware Wizard** dialog box.

Click the **Next** button.

3



Select **Search for the best driver for your device**.

Click the **Next** button.

4

Insert the CD-ROM included with the Option.

Connecting with a USB Cable (Windows 98)

5



Select **Specify a location** and type **D:\English\PS\Setup\Windows\Ps_106_E\WinUsbDrv** (where "D:" is your CD-ROM drive).

Click the **Next** button.

6



Click the **Next** button.

7



Click the **Finish** button.

8



The **New Hardware Found** dialog box appears for a brief moment, followed by the **Add New Hardware Wizard** dialog box.

Click the **Next** button.

Installing the Printer Driver

Connecting with a USB Cable (Windows 98)

9



Select **Search for the best driver for your device**.

Click the **Next** button.

10



Select **Specify a location** and type **D:\English\PS\Setup\Windows\Ps_106_E\Windows** (where "D:" is your CD-ROM drive).

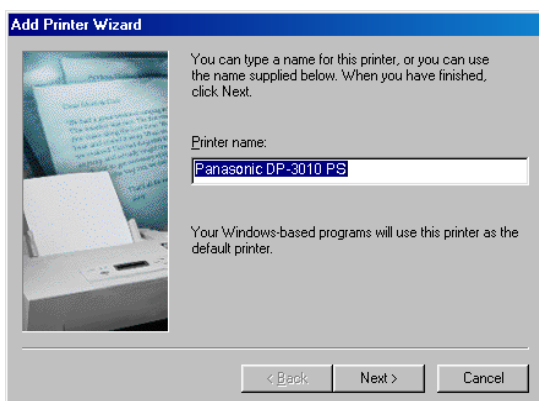
Click the **Next** button.

11



Click the **Next** button.

12

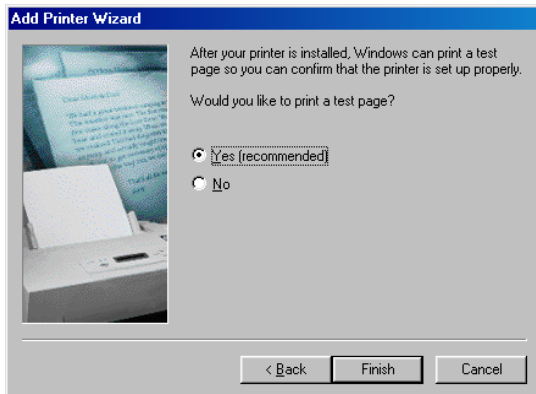


Enter the Printer name and click the

Next button.

Connecting with a USB Cable (Windows 98)

13



Click the **Finish** button.

14

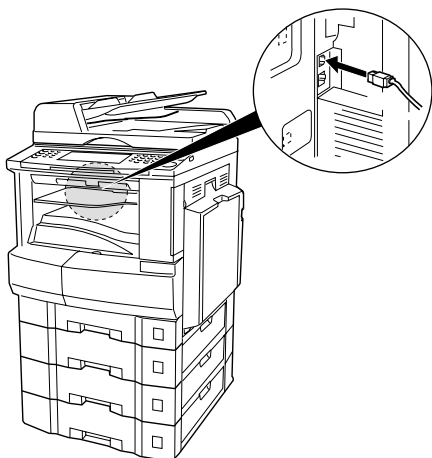


Click the **Finish** button.

Installing the Printer Driver

Connecting with a USB Cable (Windows Me)

1



Connect the printer to the PC with an USB cable.
Turn the Power Switch of your machine ON.

2



The **New Hardware Found** dialog box appears for a brief moment, followed by the **Add New Hardware Wizard** dialog box.

Select **Specify the location of the driver**.

Click the button.

3

Insert the CD-ROM included with the Option.

4



Select **Specify a location** and type **D:\English\PS\Setup\Windows\Ps_106_E\WinUsbDrv** (where "D:" is your CD-ROM drive).

Click the button.

Connecting with a USB Cable (Windows Me)

5



Click the button.

6



Click the button.

7

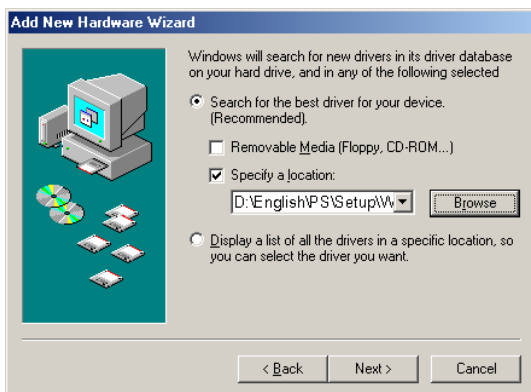


The **New Hardware Found** dialog box appears for a brief moment, followed by the **Add New Hardware Wizard** dialog box.

Select **Specify the location of the driver**.

Click the button.

8



Select **Specify a location** and type **D:\English\PS\Setup\Windows\Ps_106_E\Windows** (where "D:" is your CD-ROM drive).

Click the button.

Installing the Printer Driver

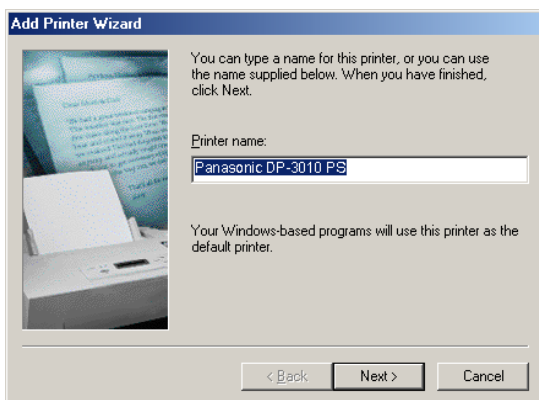
Connecting with a USB Cable (Windows Me)

9



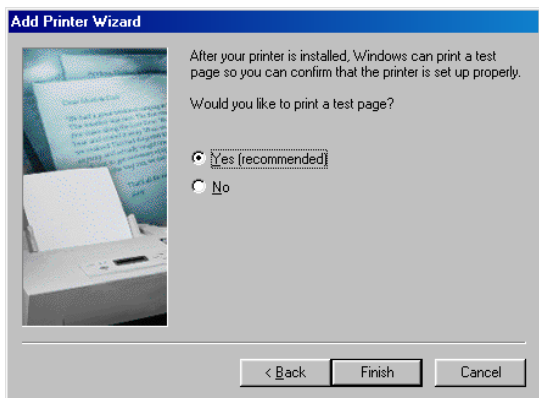
Click the **Next** button.

10



Enter the Printer name and click the **Next** button.

11



Click the **Finish** button.

12

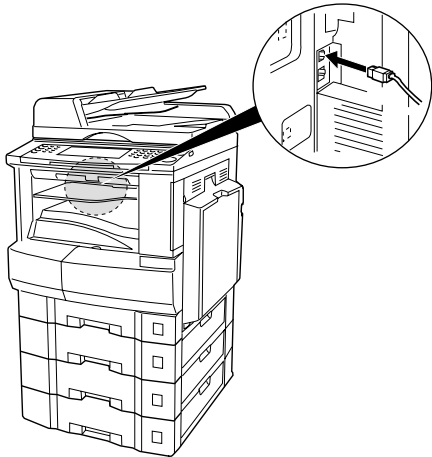


Click the **Finish** button.

Installing the Printer Driver

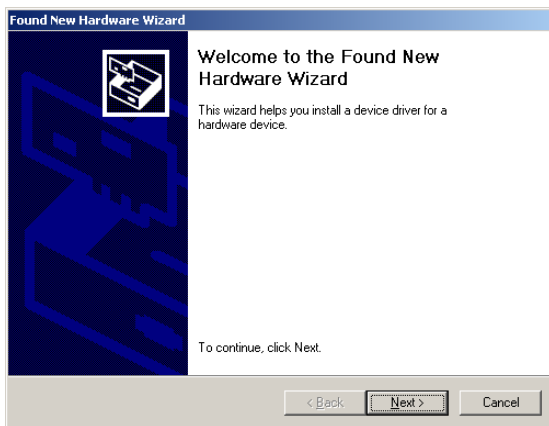
Connecting with a USB Cable (Windows 2000)

1



Connect the printer to the PC with an USB cable.
Turn the Power Switch of your machine ON.

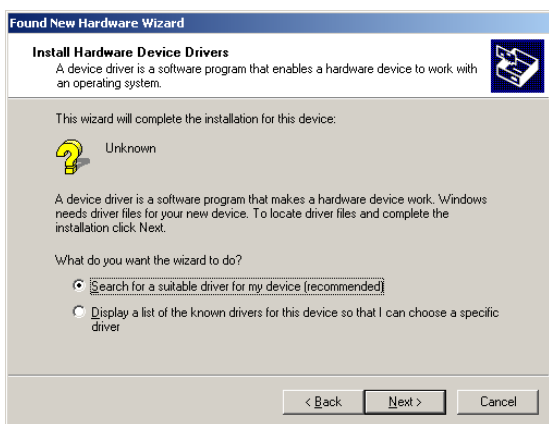
2



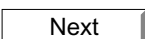
The **Found New Hardware Wizard** dialog box appears.

Click the  button.

3



Select **Search for a suitable driver for my device**.

Click the  button.

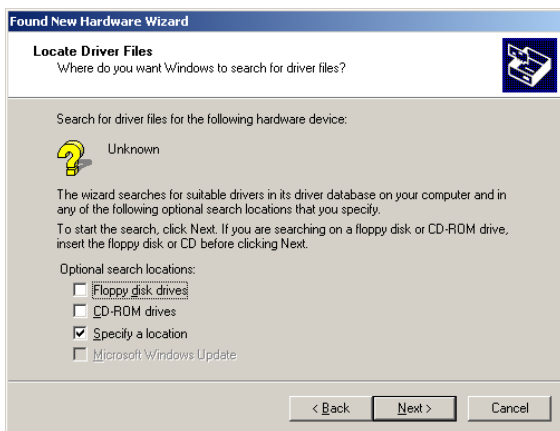
4

Insert the CD-ROM included with the Option.

Installing the Printer Driver

Connecting with a USB Cable (Windows 2000)

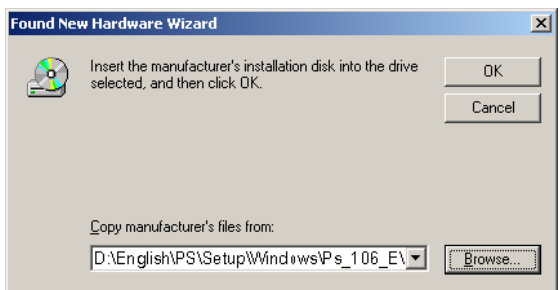
5



Select **Specify a location**.

Click the **Next** button.

6



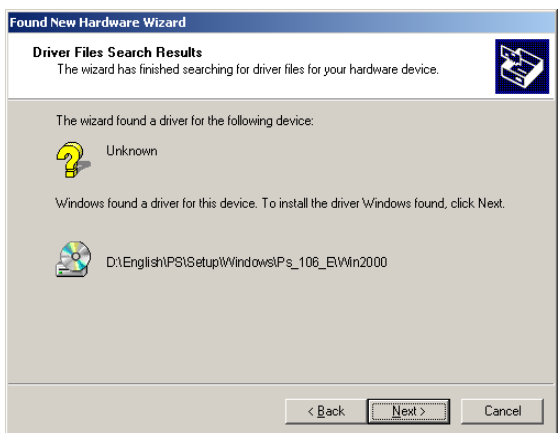
Type

**D:\English\PS\Setup\Windows\Ps_106_E\
Win2000**

(where "D:" is your CD-ROM drive).

Click the **OK** button.

7



Click the **Next** button.

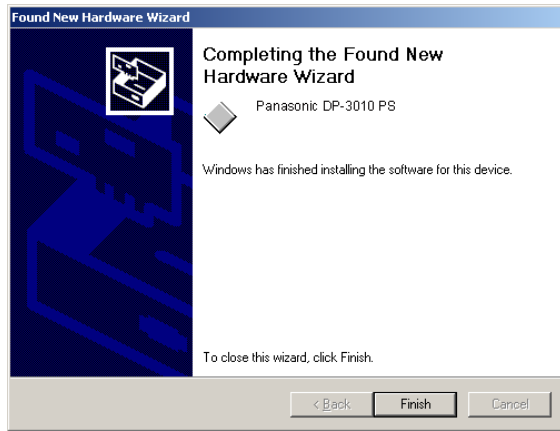
8



Click the **Yes** button.

Connecting with a USB Cable (Windows 2000)

9

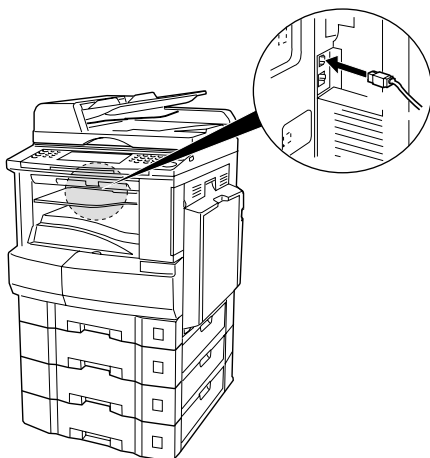


Click the button.

Installing the Printer Driver

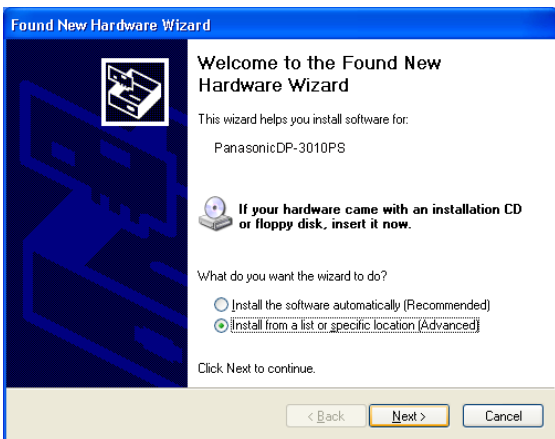
Connecting with a USB Cable (Windows XP)

1



Connect the printer to the PC with an USB cable.
Turn the Power Switch of your machine ON.

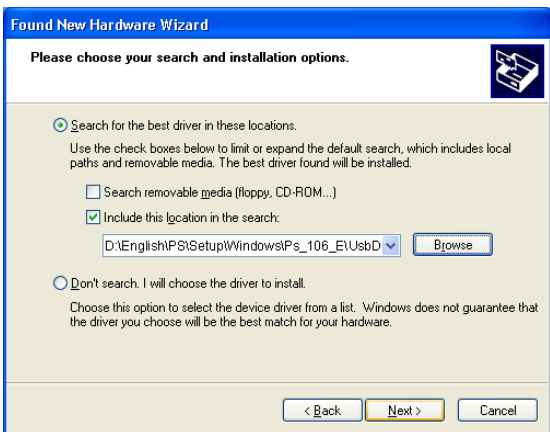
2



The **Found New Hardware Wizard** dialog box appears.
Select **Install from a list or specific location (Advanced)**.

Click the **Next** button.

3



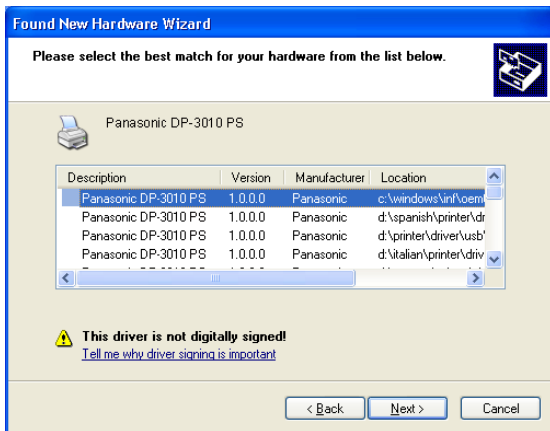
Select **Include this location in the search**.
Type
D:\English\PS\Setup\Windows\Ps_106_E\WinXP

(where "D:" is your CD-ROM drive).
Insert the CD-ROM included with the Option.

Click the **Next** button.

Connecting with a USB Cable (Windows XP)

4



This message may appear if you have a previous version of the printer driver installed.

Select the latest version of the *.inf file and click the button.

5



Click the button.

6

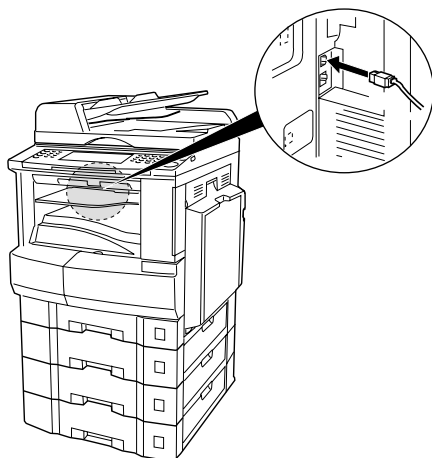


Click the button.

Installing the Printer Driver

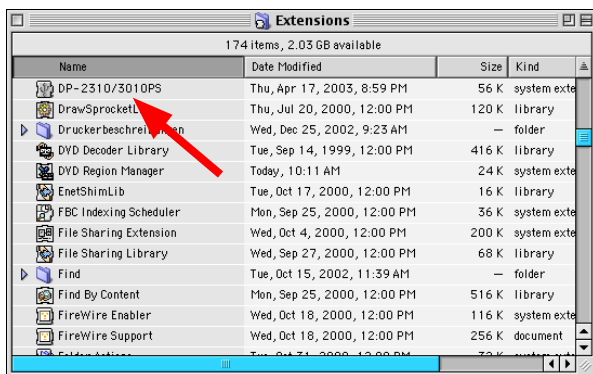
Connecting with a USB Cable (Mac 8.6/9x)

1



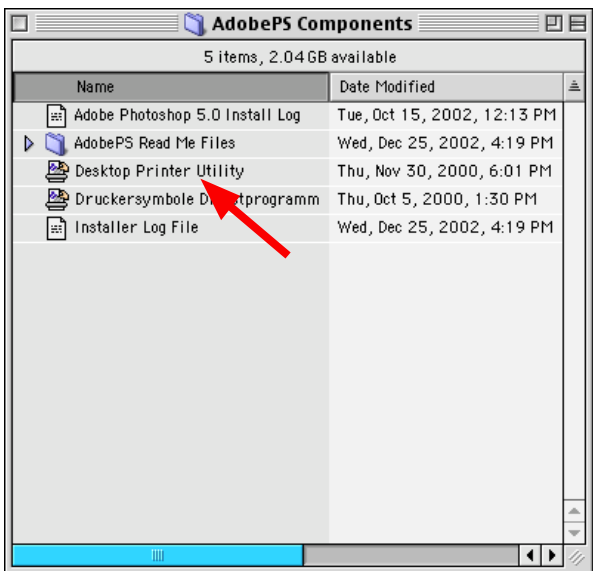
Connect the printer to the PC with an USB cable.
Turn the Power Switch of your machine ON.

2



Extract the **DP-2310/3010PS** from the **DP-2310_3010PS.sit** in the CD-ROM and paste it onto the **System Folder > Extensions**.

3



Activate the **Desktop Printer Utility** on the **Adobe PS Components** within your Macintosh.


Note: If the **Desktop Printer Utility** is not on the **Adobe PS Components**, follow the steps 1 to 7 on page 10 and 11.

Connecting with a USB Cable (Mac 8.6/9x)

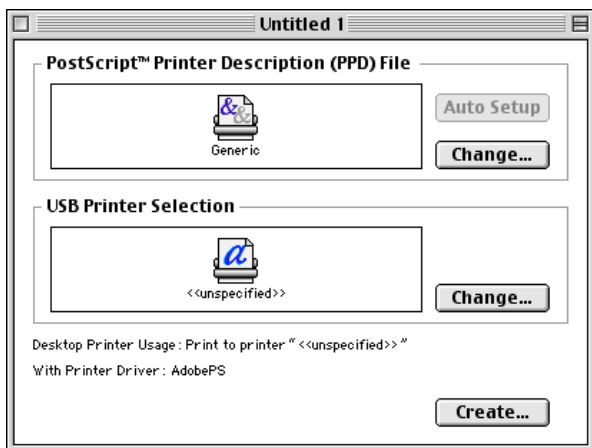
4




Select **AdobePS** from **With** menu and select the **Printer (USB)** on the **Create Desktop...** menu.

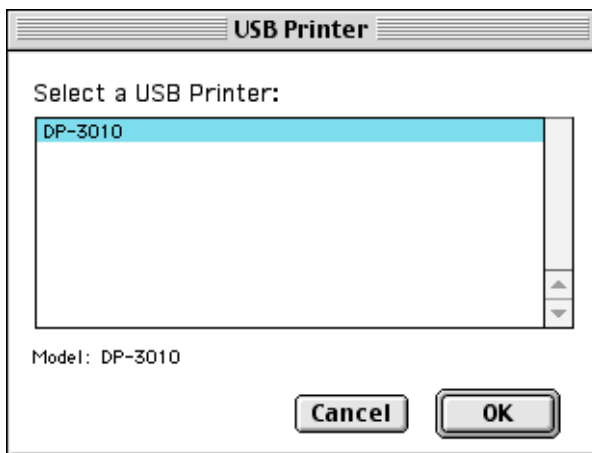
Click the  button.


5



Click the  button on the **USB Printer Selection**.

6

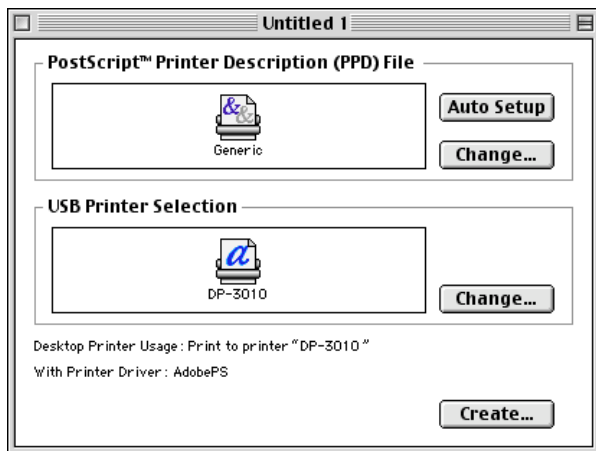


Select your machine and click the  button.

Installing the Printer Driver

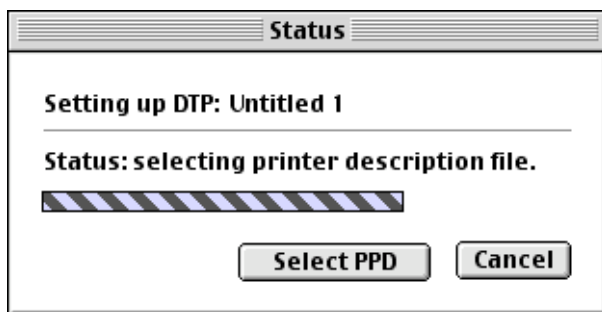
Connecting with a USB Cable (Mac 8.6/9x)

7



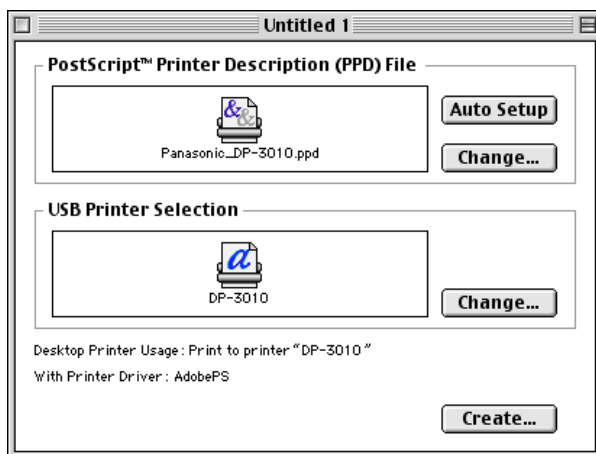
Click the **Auto Setup** button on the **PostScript Printer Description (PPD) File**.

8



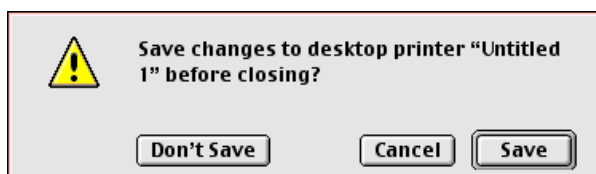
A status bar indicates that the printer driver is being installed.

9



Click the **Create...** button.

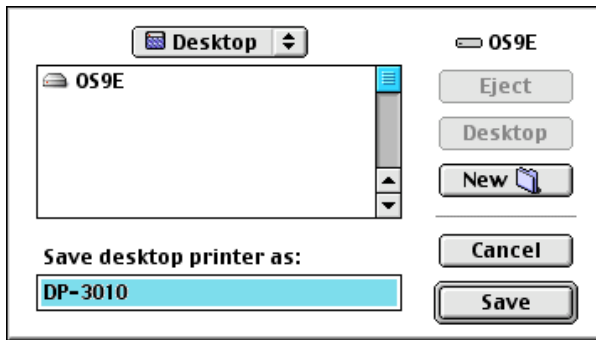
10



Click the **Save** button.

Connecting with a USB Cable (Mac 8.6/9x)

11



Click the **Save** button.

12



A status bar indicates that the printer driver is being installed.

13



The driver creates a new desktop printer icon for your device.

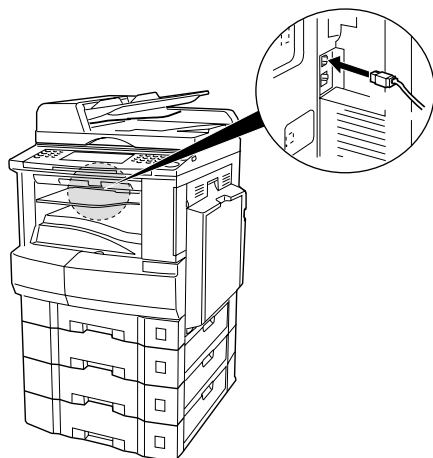
NOTE

1 Click the **Set_Default Printer** in the **Printing** menu when your machine is set to the default printer.

Installing the Printer Driver

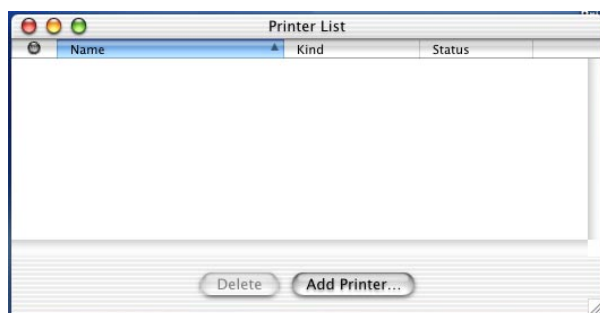
Connecting with a USB Cable (Mac OS X)

1



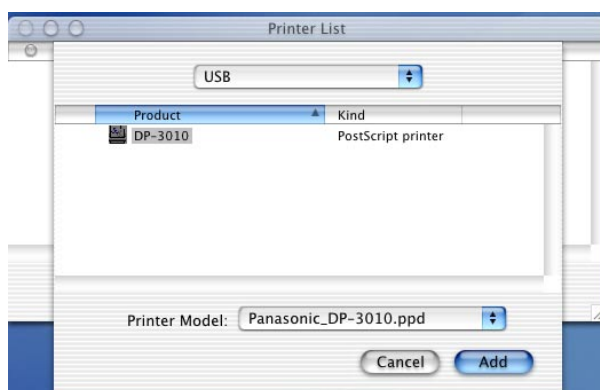
Connect the printer to the PC with an USB cable. Turn the Power Switch of your machine ON.

2



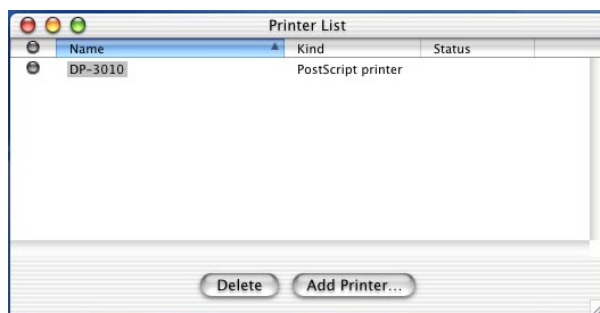
Open the **Printer Center** and click the **Add Printer...** from the **Printers** menu.

3



1. Select **USB**.
2. Select your printer.
3. Select **Auto Select** or **Panasonic_DP-xxxx.ppd** from the **Printer Model** menu.
4. Click the **Add** button.

4



Your machine is shown on the Printer List. Close the **Printer Center**.

NOTE

1 Open the **Printer Center** and click your machine, then select **Make Default** from the **Printers** menu when your machine is set to the default printer.

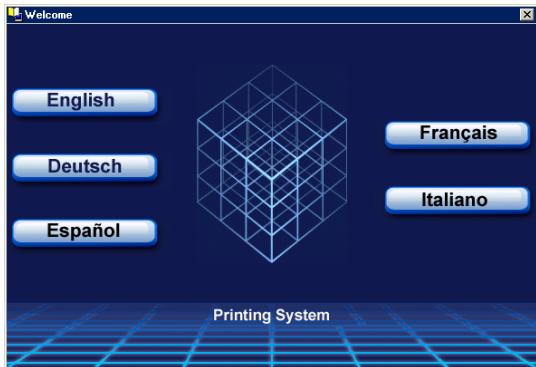
Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

1

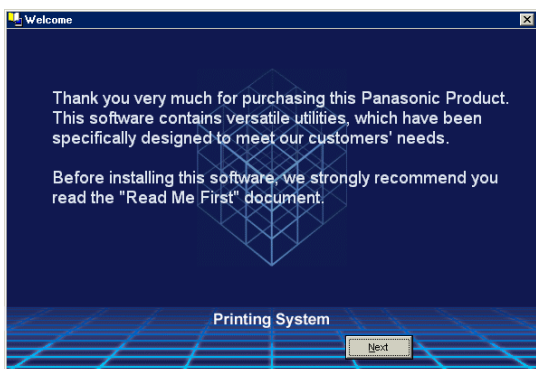
Insert the Panasonic Printing System CD-ROM.

2



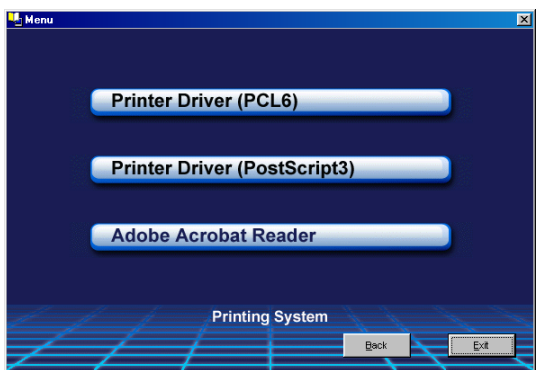
Click on the desired language.

3



Click the button.

4



Click **Printer Driver (Post Script3)**.

5

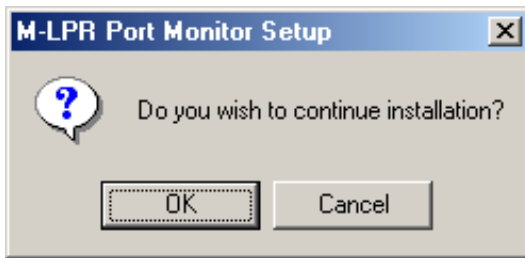


Click **Install LPR Monitor**.

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

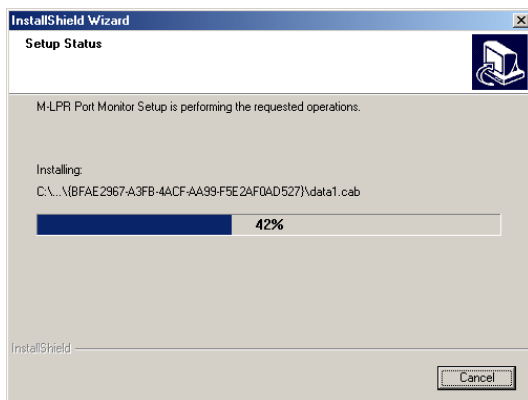
6



The **M-LPR Port Monitor Setup** dialog box appears.

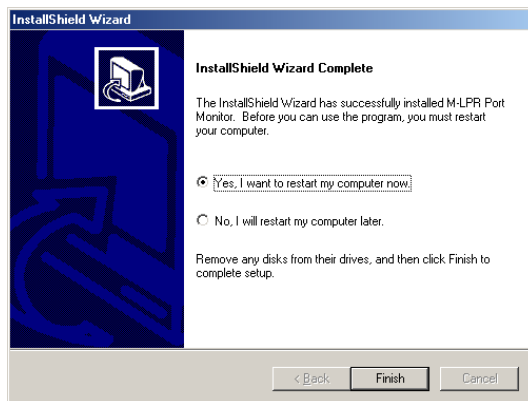
Click the **OK** button.

7



The required files are copied.

8



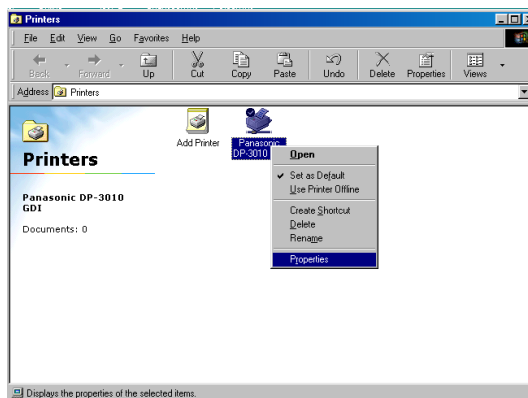
The setup program copies the necessary files onto the hard disk of your PC.

When the setup process is completed, a message is displayed prompting you to restart your computer.

It is recommended that you restart your computer now so that the LPR Monitor can be started.

Click the **Finish** button.

9



If you have not installed the printer driver yet, please proceed to "Installing the Printer Driver" on page 5.

After your computer has rebooted, click the **Start** button, select **Settings**, and then click **Printers**.

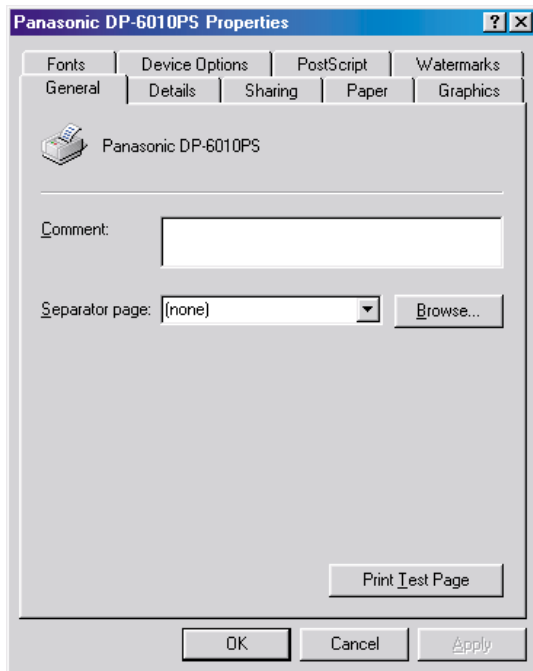
The **Printers** folder appears.

Right-click on the desired printer icon and select **Properties** from the pop-up menu.

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

10

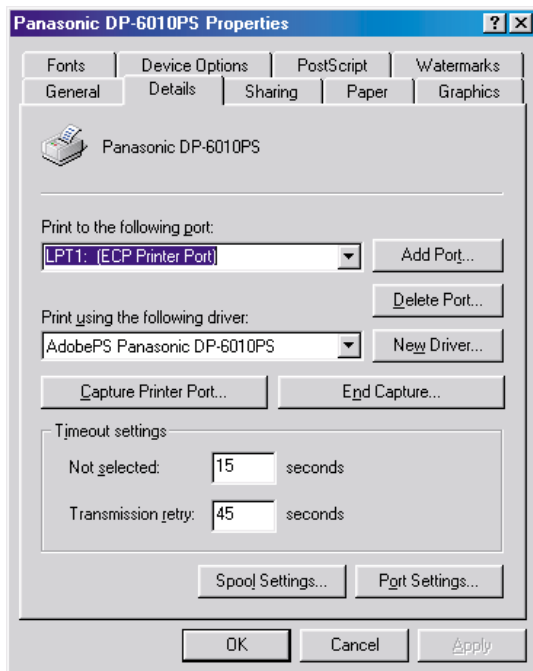


The printer properties dialog box appears.

The following step registers the LPR Port for network printing.

Before proceeding, ensure that the printer is installed, connected to the network, turned ON and is operating properly.

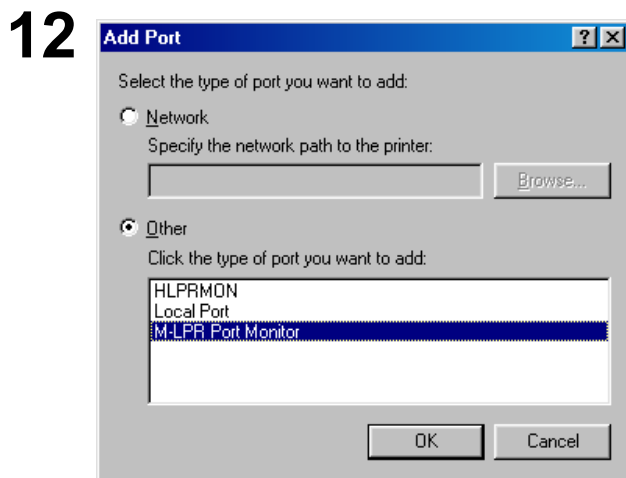
11



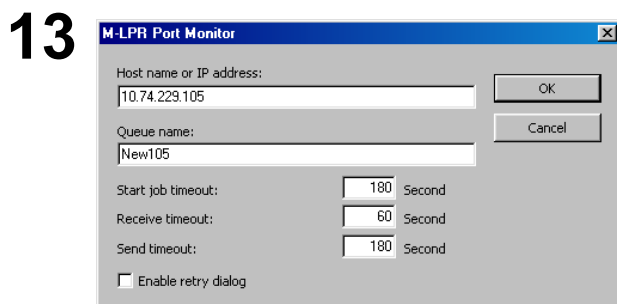
Select the **Details** tab and click the **Add Port...** button.

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

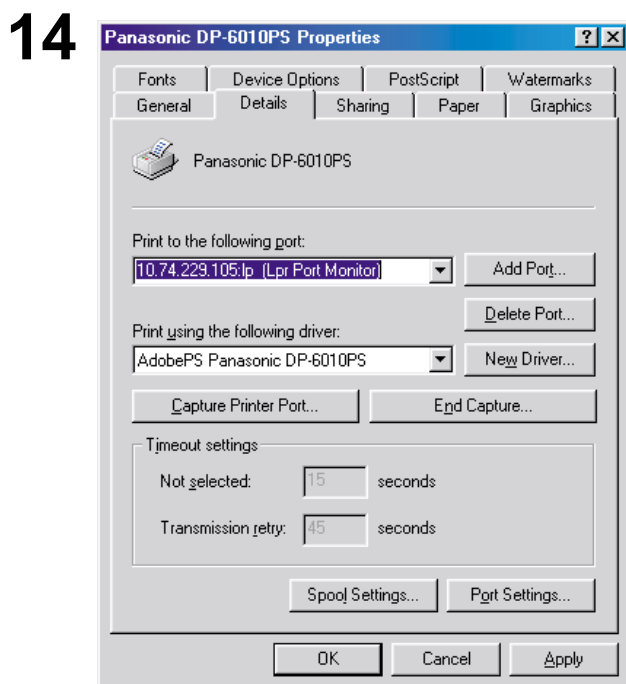


The **Add Port** dialog box appears. Click the **Other** radio button, select **M-LPR Port Monitor** from "Click the type of port you want to add:" list, and click the **OK** button.



The **M-LPR Port Monitor** dialog box appears. Type the IP Address of the machine in the **Host name or IP address:** text box and the queue name (e.g. New105) in the **Queue name:** text box.

Click the **OK** button. If an error occurs because the queue name had already been used for the same IP Address, select a different unique name such as "New106".



The screen reverts to the Printer Properties. Check that the "Print to the following port:" has been changed as entered in step 13, and click on the **Apply** button first and then the **OK** button.

The printer properties dialog box closes and you have now configured the printer as a network printer.

NOTE

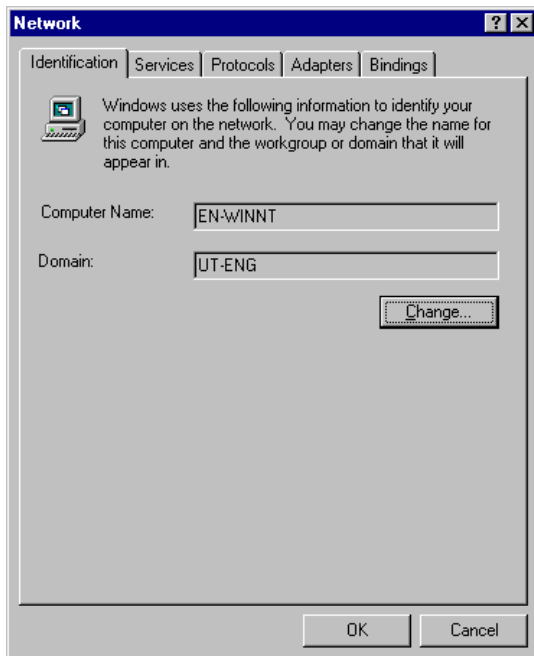
1. To print data via LAN, the LPR Monitor must be installed on your PC.

Installing the LPR (Line Printer Remote) Monitor

Windows NT 4.0

Logon using an account with administrator rights.

1



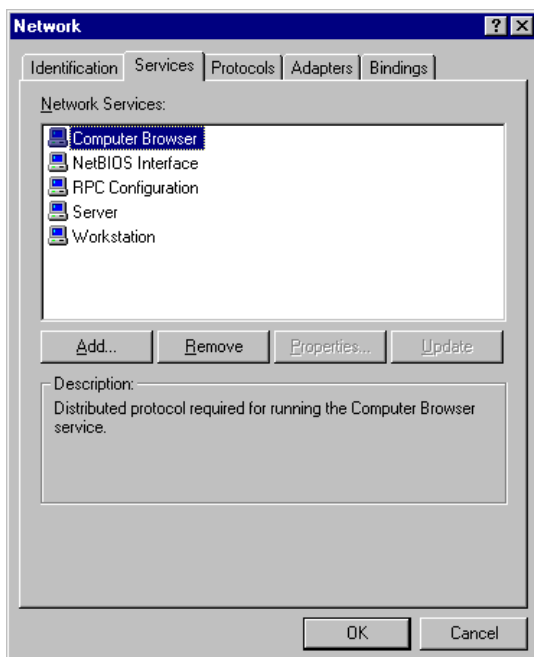
Click the **Start** button, select **Settings**, and click **Control Panel**.

The **Control Panel** window appears.

Double-click on the **Network** applet.

The **Network** dialog box appears.

2



Click on the **Services** tab.

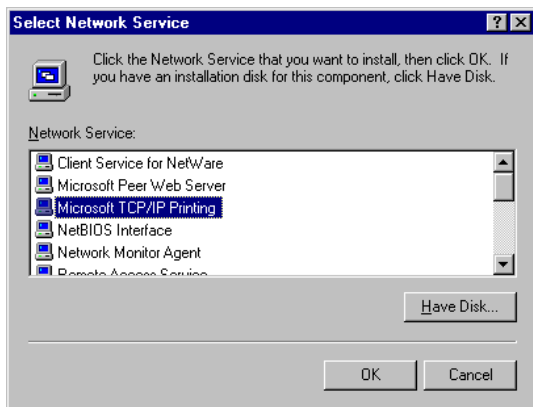
Verify whether the LPR Service is already installed. (Indicated by Microsoft TCP/IP Printing shown in the Network Services list.)

If it is already installed, skip to Step 7. Otherwise continue installing the LPR Service.

Installing the LPR (Line Printer Remote) Monitor

Windows NT 4.0

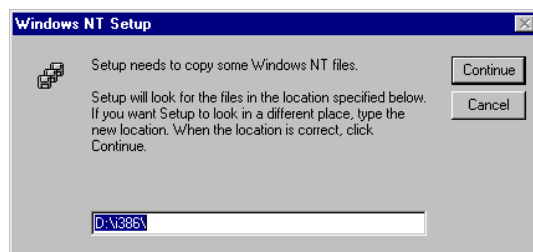
3



Click the button to display the **Select Network Service** dialog box, and select **Microsoft TCP/IP Printing**.

Click the button.

4

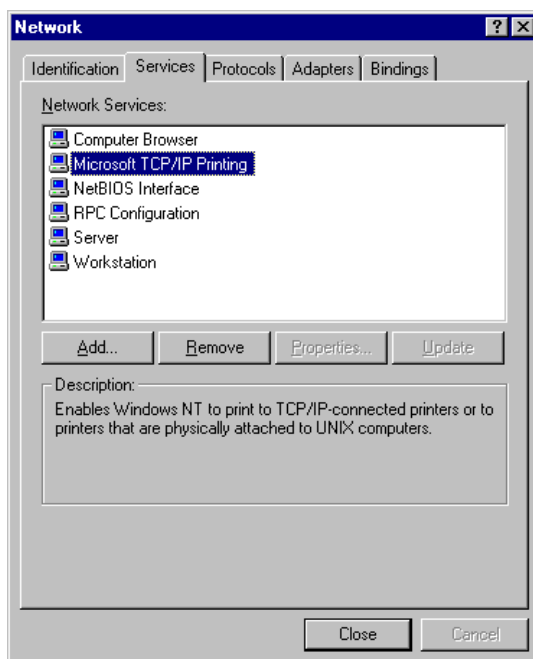


The **Windows NT Setup** dialog box appears.

Insert the Windows NT 4.0 CD-ROM, and type **D:\i386** (where "D:" is your CD-ROM drive).

Click the button.

5

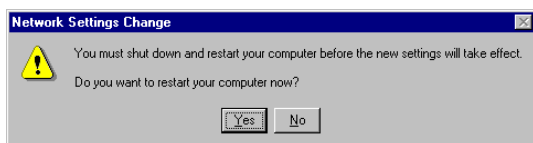


After the files have been copied into the Hard Drive of your PC, the display returns to the Network dialog box. Confirm that the Microsoft TCP/IP Printing service has been added to Network Services list.

Click the button.

Note: *If the OK button does not change into a Close button, Remove and reinstall the Microsoft TCP/IP Printing service.*

6



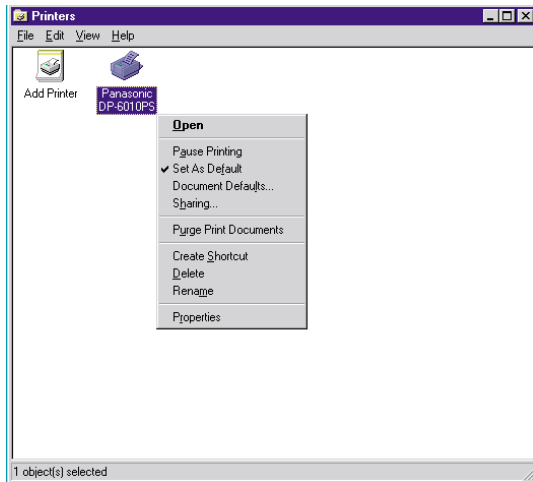
The **Network Settings Change** dialog box is displayed, click the button to restart your computer now.

You have now completed the LPR Service installation.

Installing the LPR (Line Printer Remote) Monitor

Windows NT 4.0

7

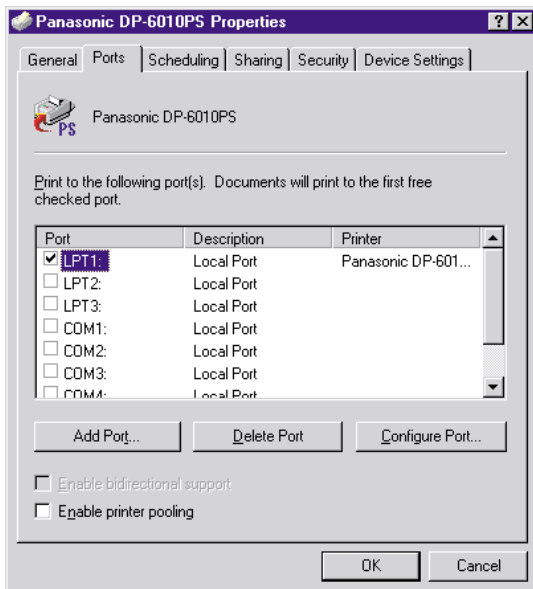


After your computer has rebooted, log on with an account with Administrator Privileges, click the **Start** button, select **Settings**, and then click **Printers**.

The **Printers** folder appears.


Right-click on the desired printer icon and select **Properties** from the pop-up menu.

8

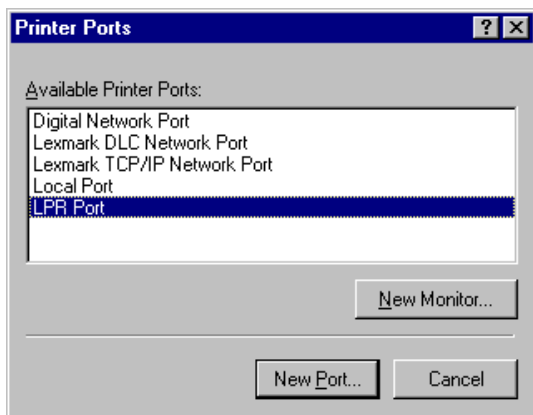


The following step registers the LPR Port for network printing.


Before proceeding, ensure that the printer is installed, connected to the network, turned ON and is operating properly.

Select the **Ports** Tab and click the  button.

9



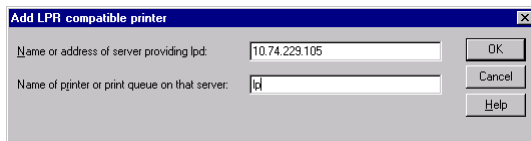
The **Printer Ports** dialog box appears.

Select **LPR Port** and click the  button.

Installing the LPR (Line Printer Remote) Monitor

Windows NT 4.0

10



The **Add LPR compatible printer** dialog box appears.

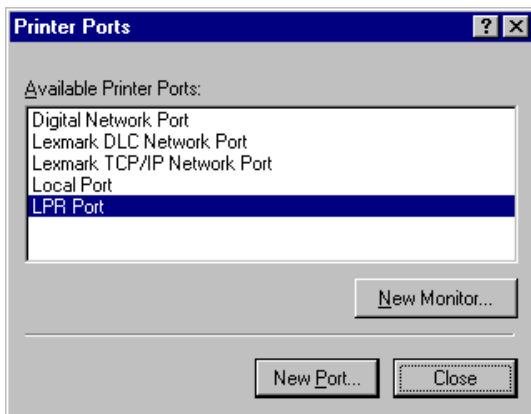
Enter the IP Address of the printer in the upper text field, and "lp" for the print queue name in the lower text field.

Click the button.

(Please wait while the wizard verifies the IP Address and connectivity to the network.)

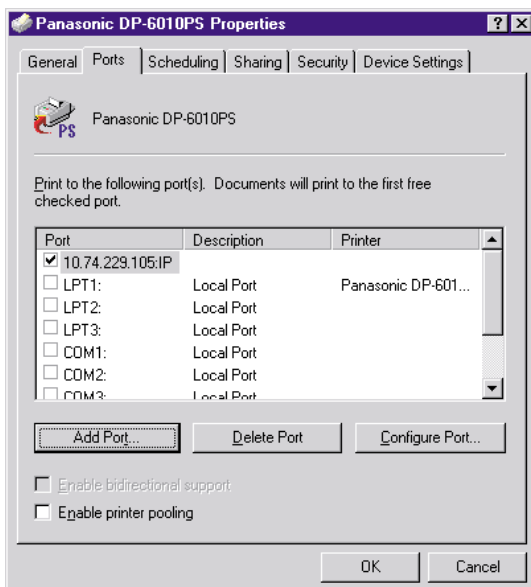
The **Printer Ports** dialog box appears.

11



Click the button.

12



Select the printer port and click the button.

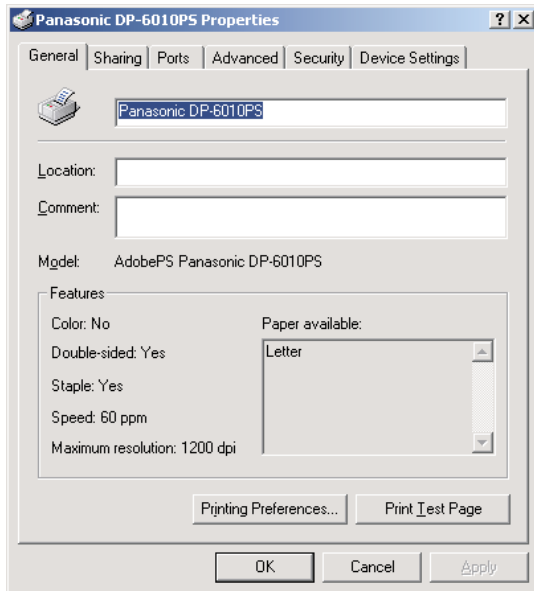
The printer properties dialog box closes and you have now configured the printer as a network printer.

Installing the LPR (Line Printer Remote) Monitor

Windows 2000/XP

Logon using an account with administrator rights.

1

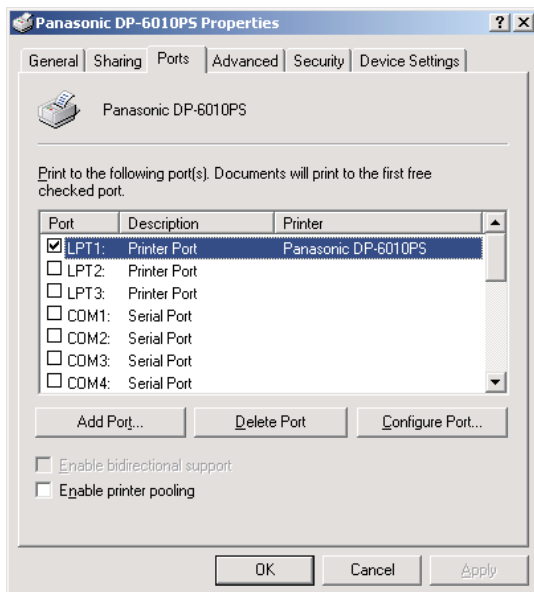


Open the **Printers** folder.

Right-click on the desired printer icon and select **Properties** from the pop-up menu.

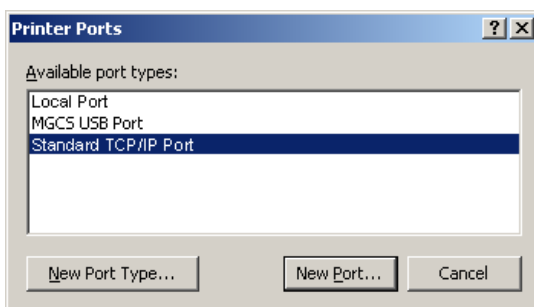
The printer properties dialog box appears.

2



Select the **Ports** Tab and click the **Add Port...** button.

3



Select **Standard TCP/IP Port** and click the **New Port...** button.

Installing the LPR (Line Printer Remote) Monitor

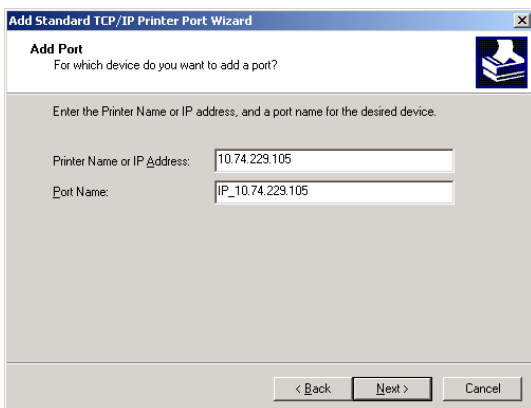
Windows 2000/XP

4



Click the **Next** button.

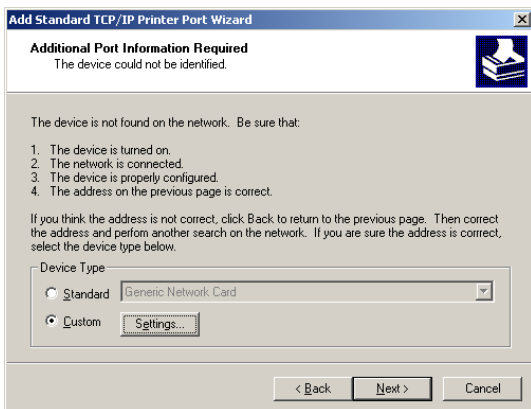
5



Enter the IP Address and the Port Name and click the **Next** button.

Note: *The Port Name is automatically entered by Windows 2000/XP. You may need to change it as required.*

6

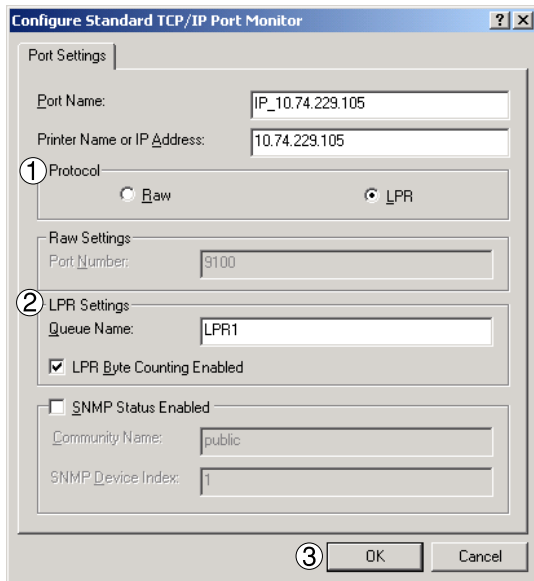


Select **Custom** and click the **Settings...** button.

Installing the LPR (Line Printer Remote) Monitor

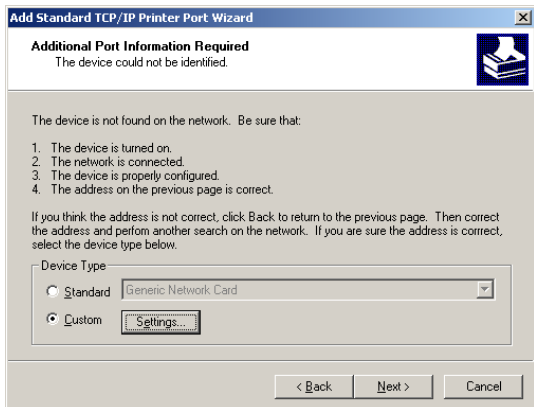
Windows 2000/XP

7



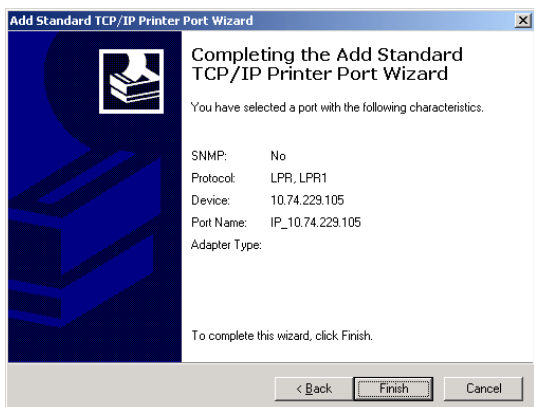
1. In the Protocol section, select **LPR**.
2. In the LPR Settings section, enter the **Queue Name** (e.g. LPR1) and select the **LPR Byte Counting Enabled**.
3. Click the **OK** button.

8



Click the **Next** button.

9

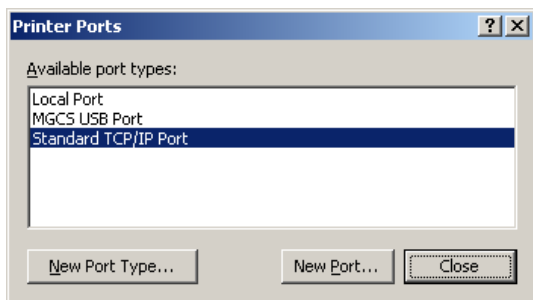


Click the **Finish** button.

Installing the LPR (Line Printer Remote) Monitor

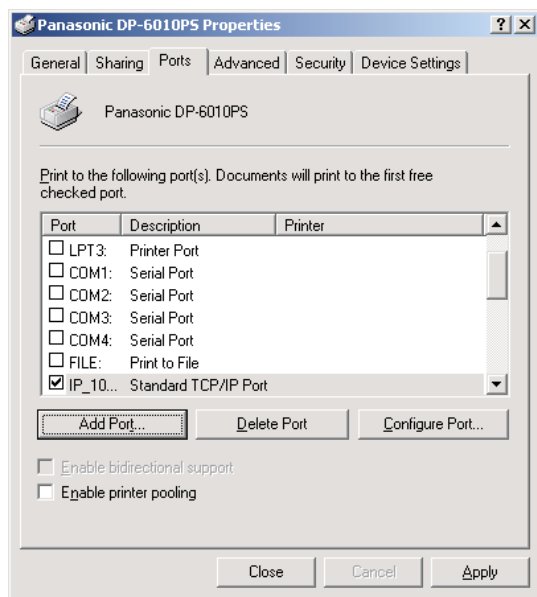
Windows 2000/XP

10



Click the **Close** button.

11



Click the **Apply** button.

Click the **OK** button.

The printer properties dialog box closes and you have now configured the printer as a network printer.

Installing the PS Driver Security Utility

Windows 98/Me/NT/2000/XP

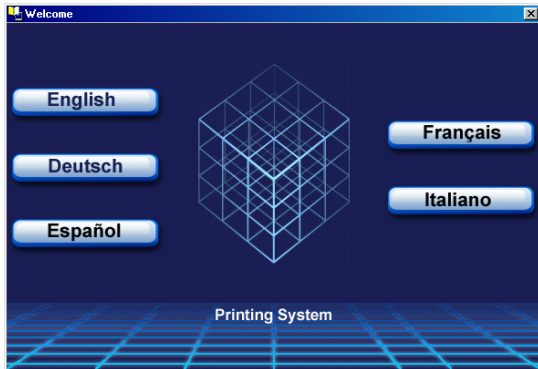
If you wish to use the Mailbox and Secure Mailbox functions, it is essential that you setup the Utility settings first.

To control the Charge Management with the Accounting Management application, it is essential that you setup the Utility settings first.

1

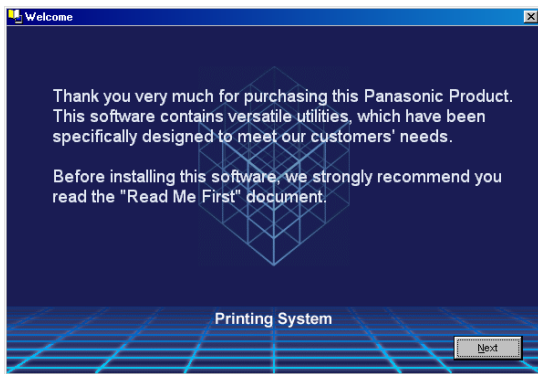
Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive.

2



Select the desired language.

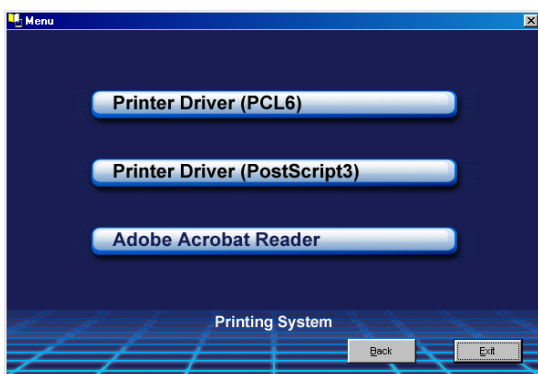
3



The setup message will display.

Click the button.

4



Click **Printer Driver (PostScript3)**.

Installing the PS Driver Security Utility

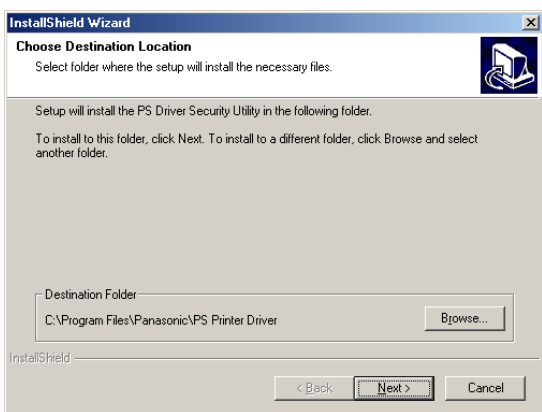
Windows 98/Me/NT/2000/XP

5



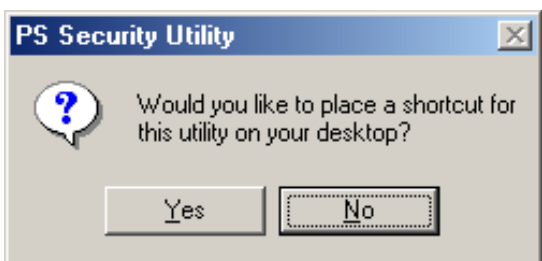
Select **Install PS Driver Security Utility**.

6



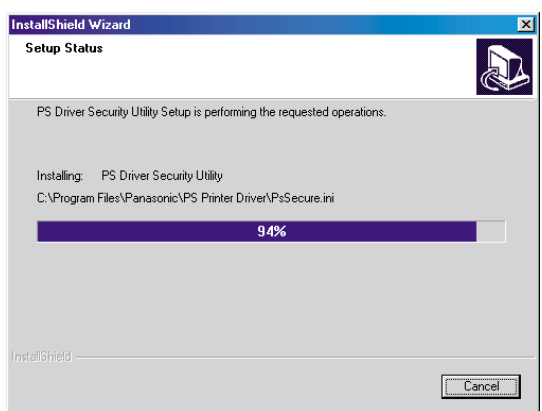
Click the button.

7



Click the button if you want to place a shortcut to PS Security Utility on your desktop.

8

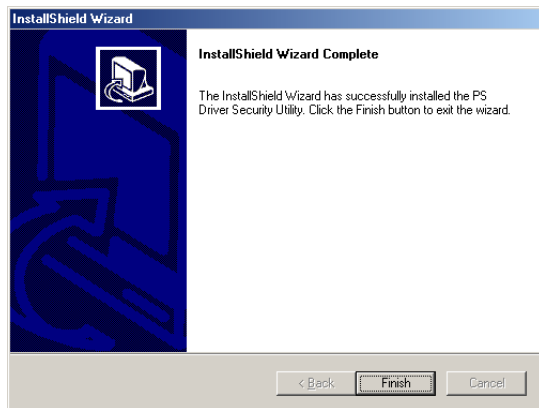


The required files are copied.

Installing the PS Driver Security Utility

Windows 98/Me/NT/2000/XP

9



Click the button.

The PS Driver Security Utility folder has been added to the Program menu, and the installation has now completed.

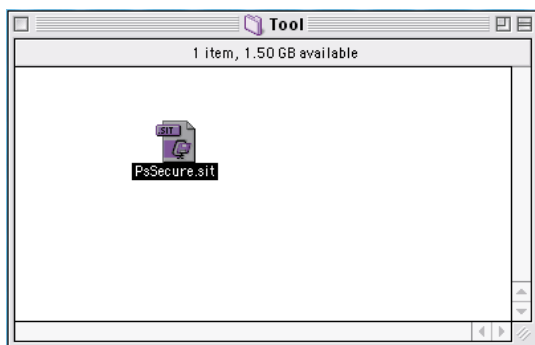
Installing the PS Driver Security Utility

Mac OS 8.6/9.x/X

In order to utilize Department Codes, Mailboxes or Secure Mailboxes, the appropriate information must be input prior to installing the printer driver.

If you are using Mac OS X, use the PS Driver Security Utility to change the setting before adding the printer. If you have already added the printer, delete it, change the setting using the PS Driver Security Utility, then add the printer.

1



Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive. Double-click the CD icon on the desktop.

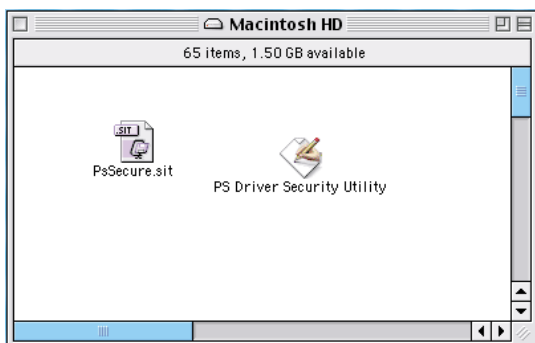
For OS 8.6/9.x: Browse to folder **English > PS > Setup > Mac > Tool >**

For OS X : Browse to folder **English > PS > Setup > Mac > Tool > OSX_only**

Copy **PsSecure.sit** to your hard disk.

Note: *If PsSecure.sit does not automatically decompress, install a suitable decompression utility.*

2



Please decompress PsSecure.sit with decompression tool. Double-click the **PS Driver Security Utility** icon to start.

Note: *Installation instructions*
A ".hqx" ".sit" ".sea" file on a Macintosh, use *Stuffit Deluxe* or *Stuffit Expander* by Aladdin Systems (<http://www.aladdinsys.com/>) to access the file's contents. *Stuffit Expander* is available as a freeware product.

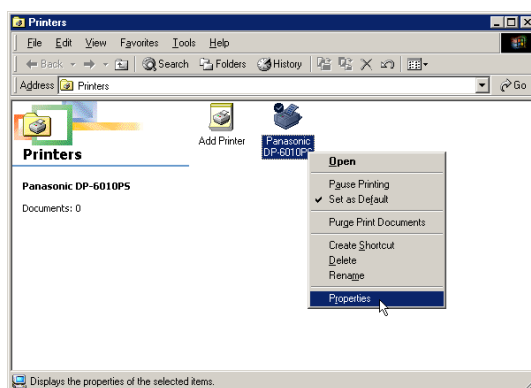
Configuring the Printer Driver Settings

Windows 98/Me

To change the printer settings, open the printer properties by performing the following steps.

- 1** Click the **Start** button, select **Settings**, and then click **Printers**.
- 2** Right-click the desired printer icon in the **Printers** folder, and select **Properties** in the popup menu.

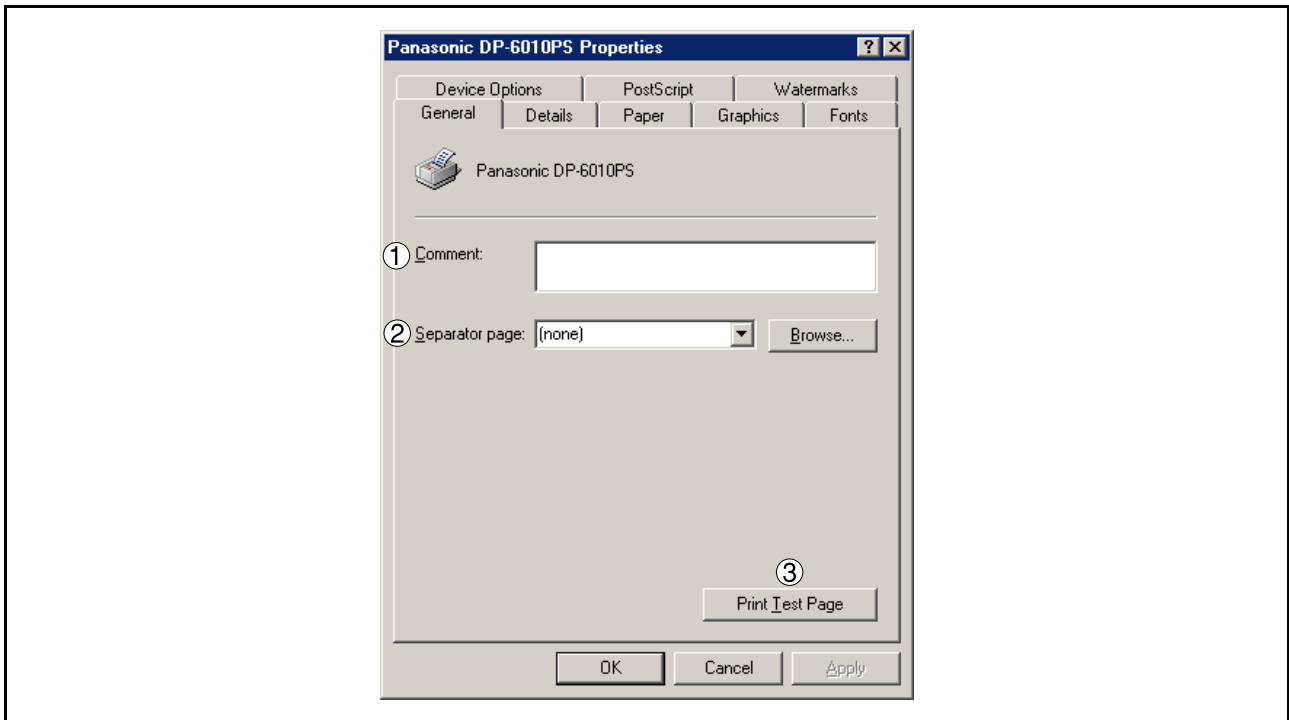
The printer properties dialog box appears.



Configuring the Printer Driver Settings

Windows 98/Me

General Tab



1. Comment

Enter comments to the properties, if any.

If another user sets up this printer on his or her computer when sharing the printer, the comment specified here will also appear on that computer. However, the comment displayed for an existing user will remain unchanged even if the comment is modified later.

2. Separator page

This feature is not available on your machine.

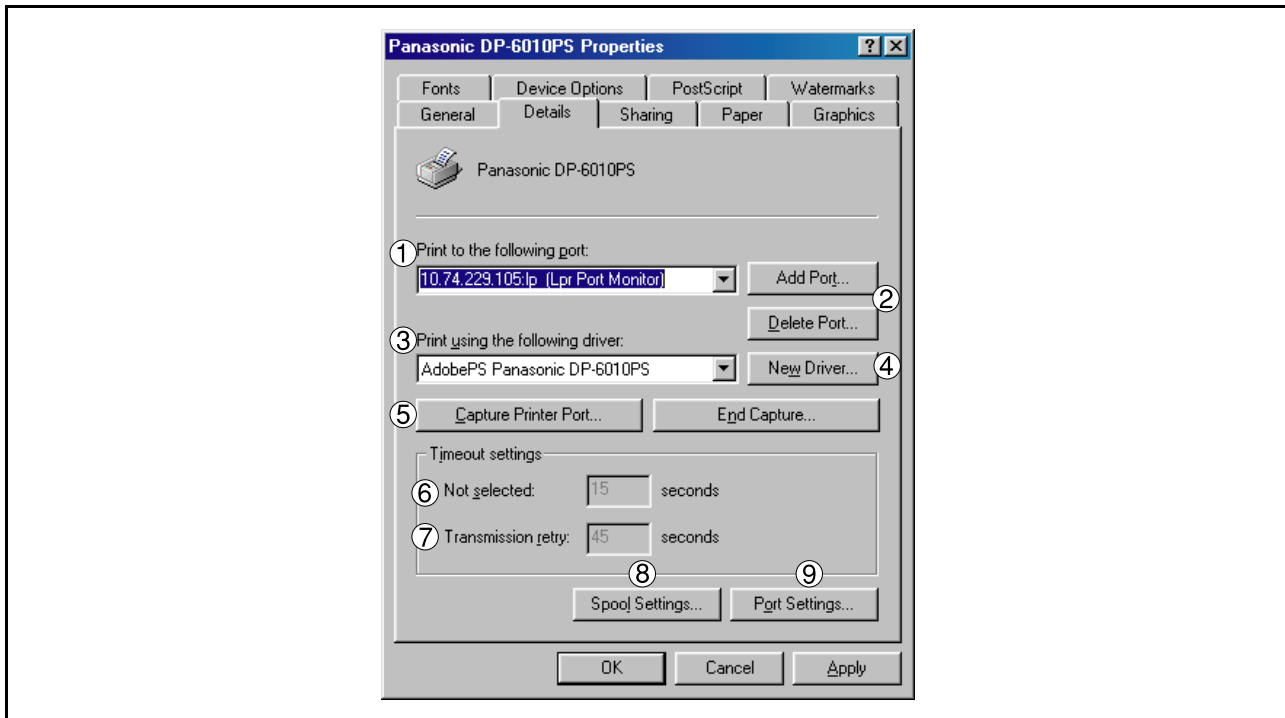
3. Print Test Page button

Prints a test page. This allows the user to verify if the printer is installed properly.

Configuring the Printer Driver Settings

Windows 98/Me

Details Tab



1. Print to the following port

Displays either the port where the printer is connected or the path to the network printer.

To change the printing destination, either select the printing destination port from the list or enter the network path here.

2. / button

Adds/deletes new port or new network path.

3. Print using the following driver

Displays the type of the printer driver. Specify the printer being used or a printer model which can be emulated with the printer being used.

4. button

Updates or modifies the printer driver.

5. / button

Assigns a local port to the network connected printer or cancels a local port assigned to the network printer.

6. Timeout settings - Not selected (For LPT Port only)

Specify the amount of time (in seconds) allowed to elapse before the printer comes online. If the printer is not online within this duration, an error message will be displayed.

Configuring the Printer Driver Settings

Windows 98/Me

7. **Timeout settings - Transmission retry (For LPT Port only)**

Specify the amount of time (in seconds) allowed to elapse before the printer is ready for printing. If the printer is not ready for printing within this duration, an error message will be displayed.

Increase this value if a timeout error occurs when printing a large document.

8. **button**

Specify the method of sending (spool) documents from the program to the printer.

• **Spool Data Format**

Select spool data type (RAW format). Specifying RAW format results in a longer time elapsing before an application becomes operational after printing from it.

• **Enable bidirectional support (The feature is not available with this model.)**

Be sure to check the check box for "Enable bidirectional support". Otherwise, status information reception may not function properly.

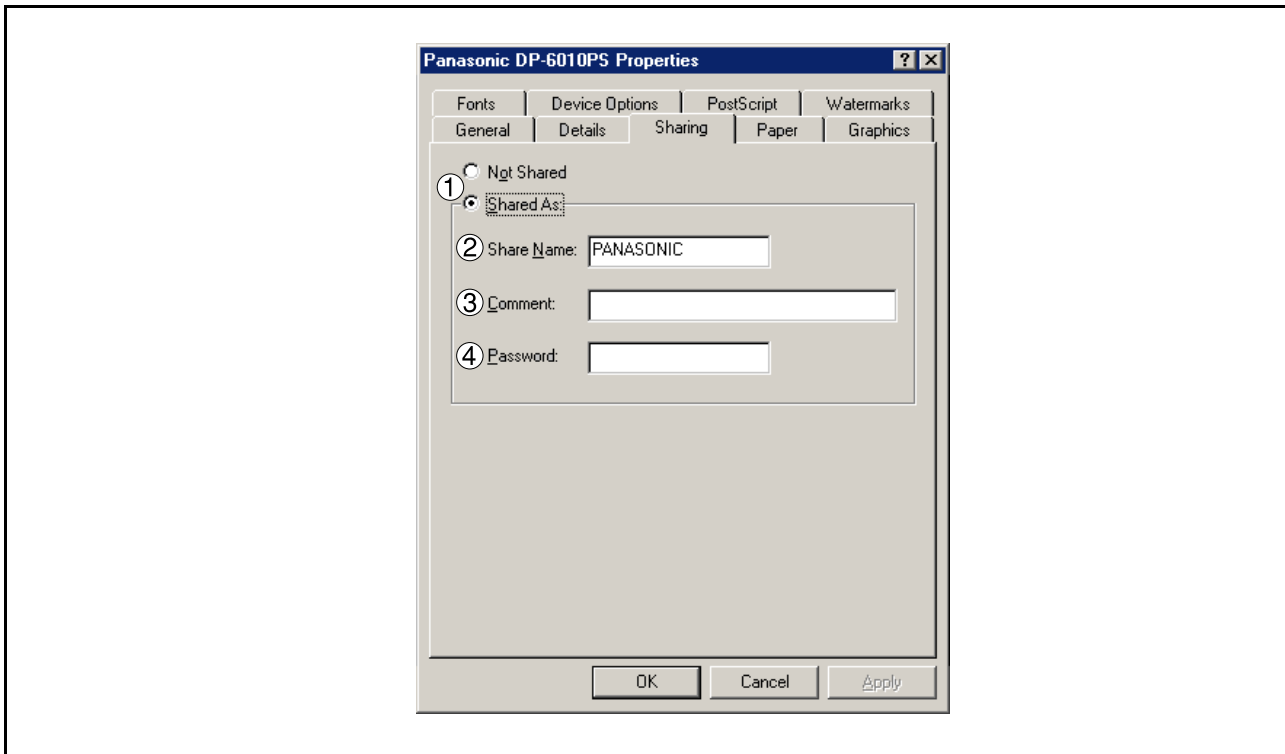
9. **button**

Modifies printer port settings.

Configuring the Printer Driver Settings

Windows 98/Me

Sharing Tab



1. Not Shared/Shared As

Select whether to display or share this printer with other computers.

2. Share Name

Specify the name of the shared printer. The displayed name can be used as it is or a new name may be entered. The name specified here will be displayed when other users view information about the printer on the network.

3. Comment

You can enter comments regarding a shared printer (such as the type of printer and the location where it is installed). When other users view information about the printer on the network, the comment specified here will be displayed.

4. Password

Specify a password required when other users will connect to this printer. Leave the box blank in order not to use any password.

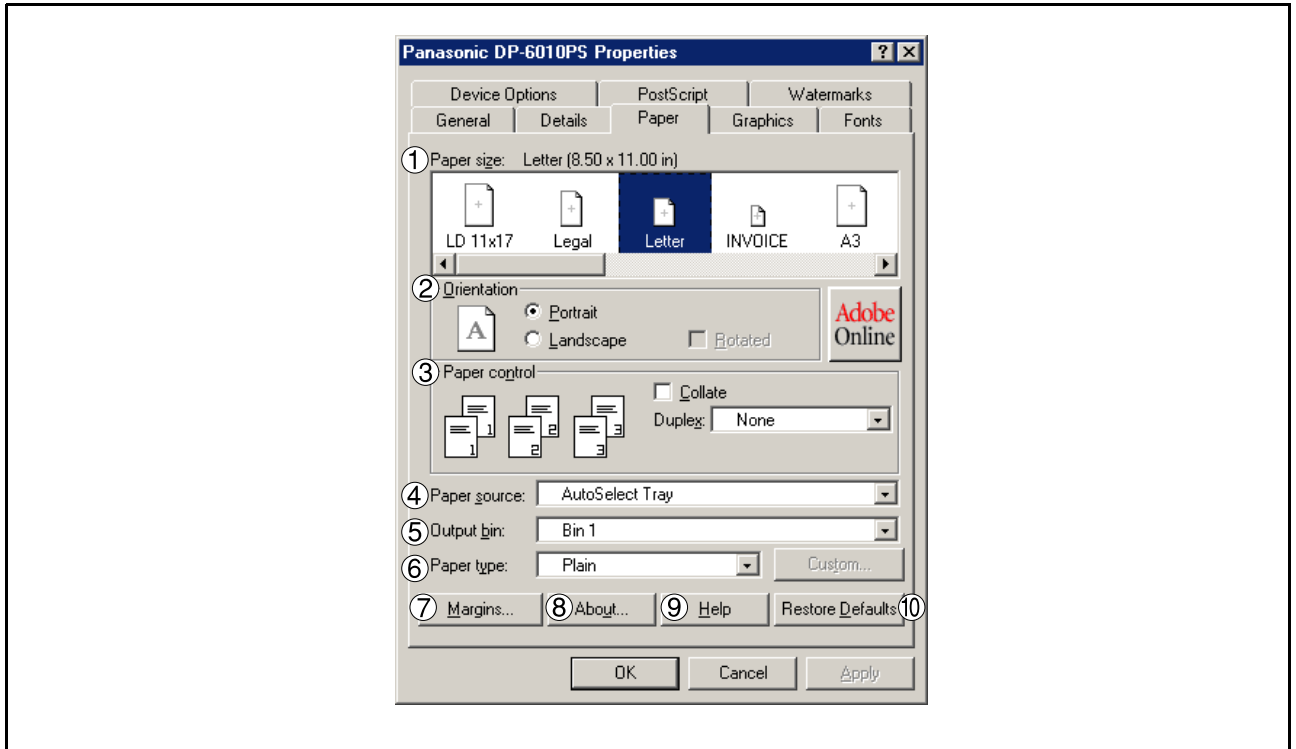
NOTE

1. *Sharing Tab in property dialog box is not displayed unless printer sharing has been specified.*

Configuring the Printer Driver Settings

Windows 98/Me

Paper Tab



1. Paper size

Select a document size.

2. Orientation

Select the print orientation (Portrait/Landscape).

3. Paper control

Controls printer outputs and groups pages.

Select **Collate** if you wish each set of multiple copies collated when you print them. Otherwise, each page is printed in individual groups.

The **Duplex** menu specifies whether and how the printer should print the document on both sides of the paper.

4. Paper source

Specify where the paper you want to use is located in the device. If you choose **Auto Select Tray**, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

5. Output bin

Specifies which output bin to use for your printed document. Some printer models have more than one output bin you can use for sorting your documents.

6. Paper type

Specifies the type of paper medium to use, such as plain or thick.

7. **Margins...** button

Displays the Margins dialog box. Click this button to view the area of the page that is unavailable for printing.

Configuring the Printer Driver Settings

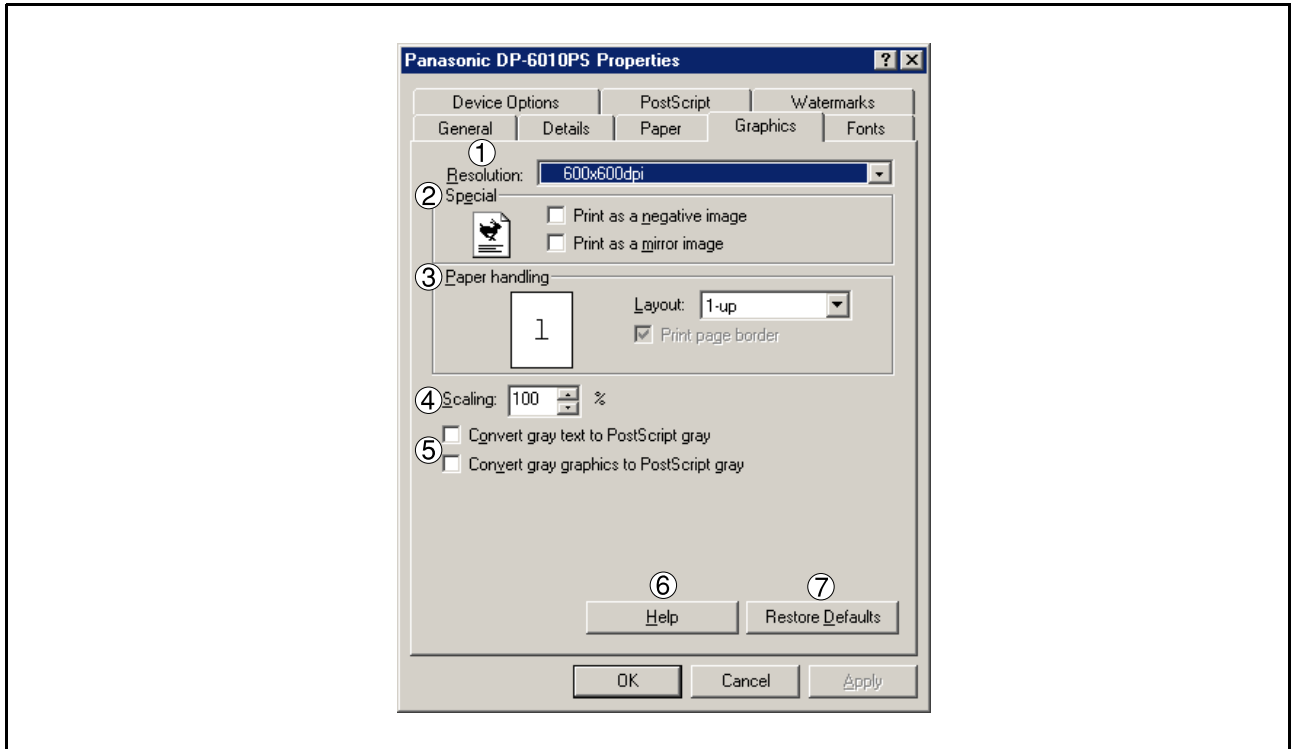
Windows 98/Me

8. **button**
Displays version and copyright information for this printer driver.
9. **button**
Displays the help window for this printer driver.
10. **button**
Sets the values of all options in the current dialog box to the default values specified in the PPD file.

Configuring the Printer Driver Settings

Windows 98/Me

Graphics Tab



1. Resolution

Select the resolution you want for printing (300dpi/600dpi/1200dpi Enhanced).

2. Special

Prints a negative image and/or mirror image of your document. Click these options to view an example.

3. Paper handling

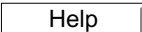
Specify the layout pattern for printing multiple documents on a single sheet of paper and whether page borders are used. Select these options to view an example.

4. Scaling (25-400%)

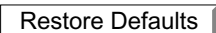
Specify an enlargement or reduction percentage when printing documents. If enlargement/reduction can be set within the application, indicate 100% here and specify the enlargement/reduction percentage in the Print dialog box of the application.

5. Convert gray text/graphics to PostScript gray

This feature is not available on your machine.

6.  button

Displays the help window for this printer driver.

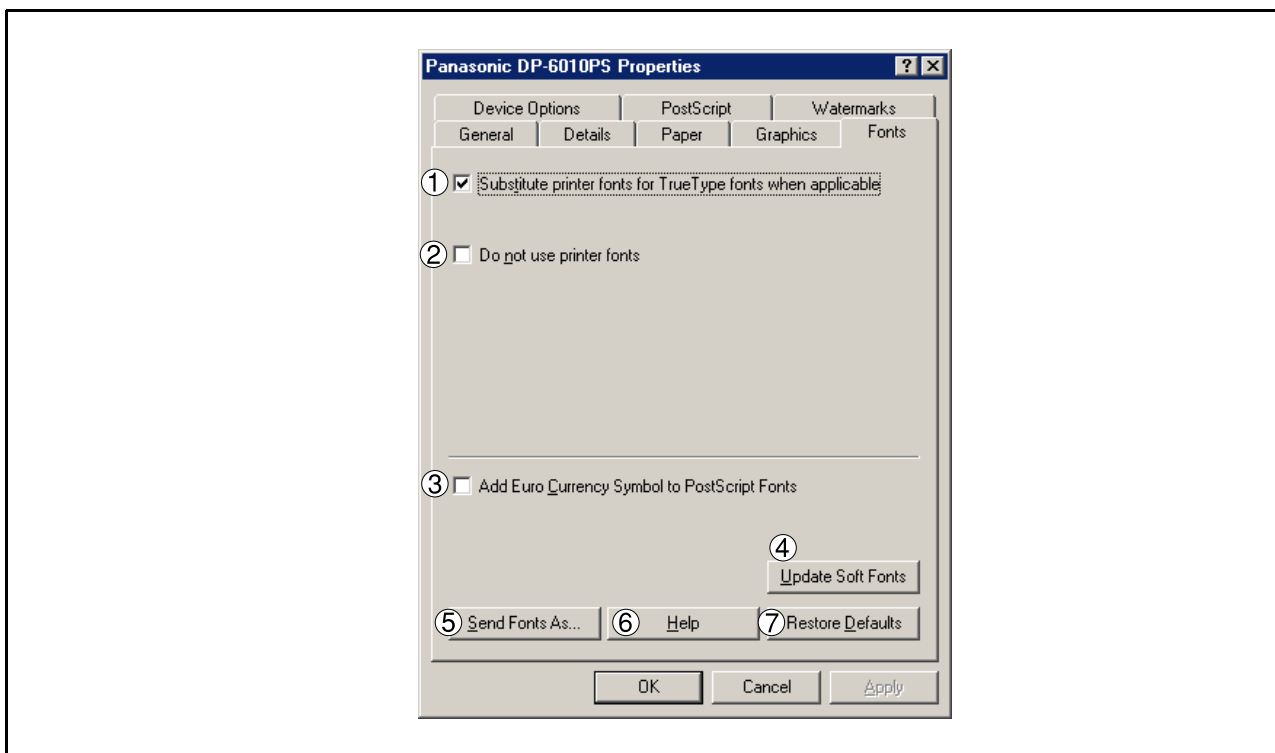
7.  button

Sets the values of all options in the current dialog box to the default values specified in the PPD file.

Configuring the Printer Driver Settings

Windows 98/Me

Fonts Tab



1. **Substitute printer fonts for TrueType fonts when applicable**

Tells the driver to determine which PostScript fonts to substitute for TrueType fonts. Instead of sending all TrueType fonts to your printer, this option substitutes a PostScript printer font for the common TrueType fonts used in your document.

By default, common TrueType fonts are substituted with their PostScript look-alikes when printing, but those with no PostScript look-alike font are sent to the printer in the format specified in the Send TrueType Fonts As box of the Send Fonts As dialog box.

2. **Do not use printer fonts**

Disables using printer-resident fonts. Use this advanced option when you expect to send the PostScript output to different printer models.

3. **Add Euro Currency Symbol to PostScript Fonts**

Adds the European currency symbol to most PostScript fonts.

4. **Update Soft Fonts** button

Updates the list of PostScript fonts that have been downloaded to the printer so that the driver prints them correctly.

5. **Send Fonts As...** button

Displays the Send Fonts As dialog box. Click this button to specify how to send TrueType or PostScript fonts.

6. **Help** button

Displays the help window for this printer driver.

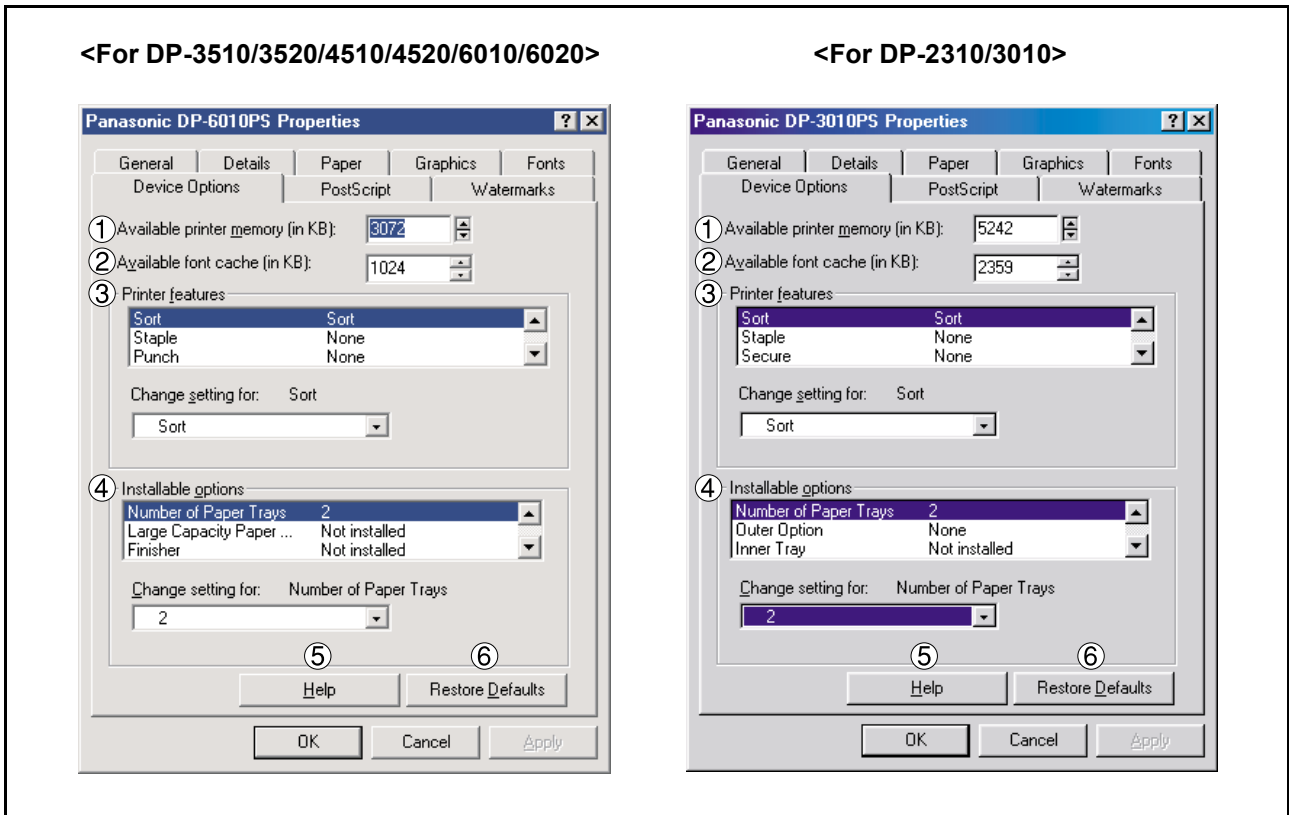
7. **Restore Defaults** button

Sets the values of all options in the current dialog box to the default values specified in the PPD file.

Configuring the Printer Driver Settings

Windows 98/Me

Device Options Tab



1. Available printer memory

Specifies the amount of available printer memory. The driver uses this information when performing printing tasks, such as sending fonts from the computer to the printer.

2. Available font cache

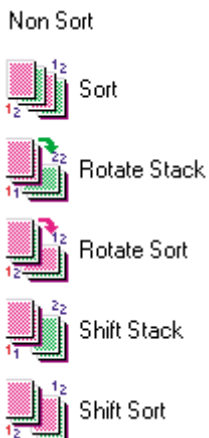
Displays the amount of font cache memory now available to Type 32 fonts (bitmap font format). The Driver automatically adjusts the font cache size according to the installed memory option selected in the Installable options box.

3. Printer features

Specifies the following printer settings:

• Sort

Select whether to Stack or Sort when printing multiple copies.

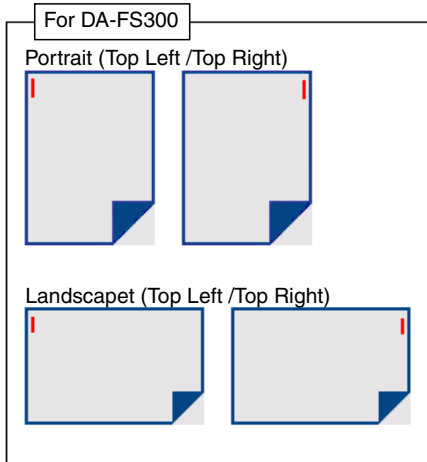
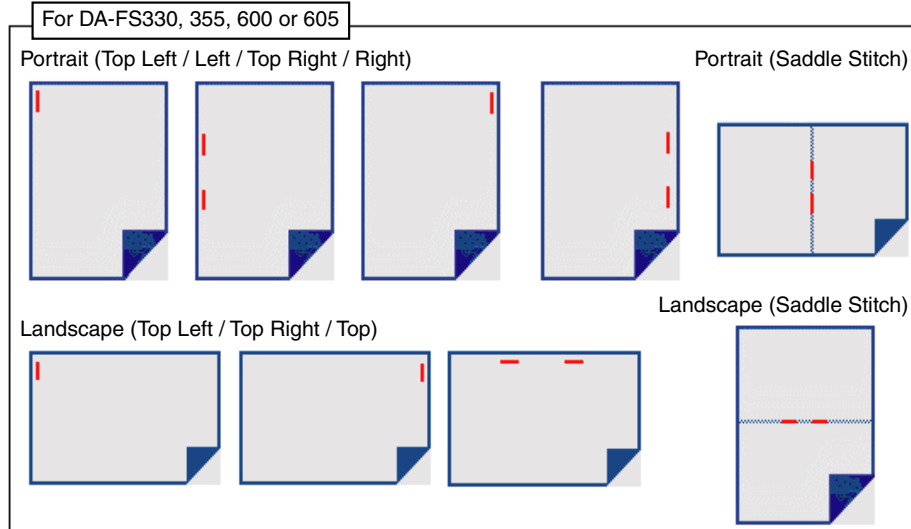


Configuring the Printer Driver Settings

Windows 98/Me

• Staple

Select the staple position. Available if the optional Finisher (DA-FS300, FS330, FS355, FS600 or FS605) is installed. Available for up to 30 sheets (Letter/A4).

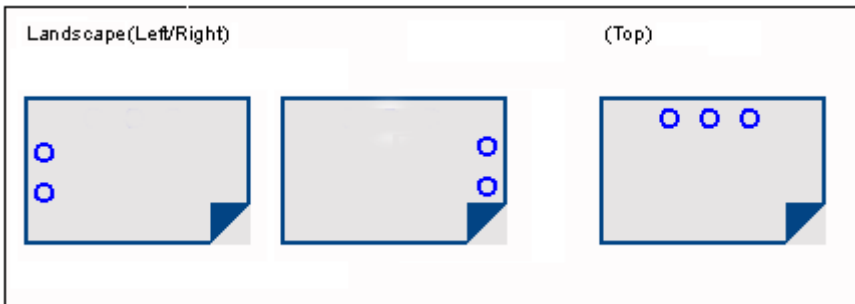
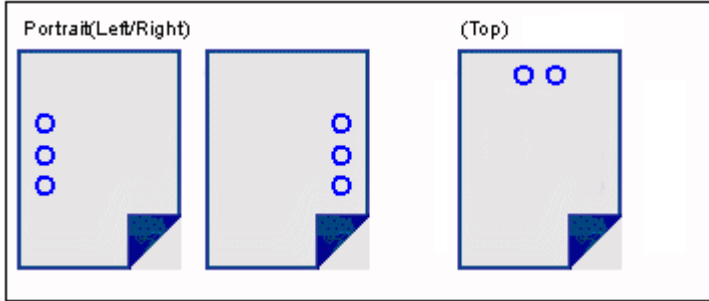


Configuring the Printer Driver Settings

Windows 98/Me

- **Punch (For DP-3510/3520/4510/4520/6010/6020 only)**

Select the punch position. Available if the optional Punch Unit is installed.



- **Secure**

Select the Mailbox or Secure Mailbox if storing the print data into the mailbox of the machine. Available if the optional Hard Disk Drive Unit (DA-HD30/HD60) is installed.

Note: The PS Driver Security Utility must be installed in order to use the user ID password.

- **Print Blank Pages**

Select whether the blank pages are printed or not.

- **Tray Switching**

Allow the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If not selected, the machine will stop if paper runs out in the chosen paper tray.

- **Front Cover Page**

Set to insert a blank page as the Front Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

- **Back Cover Page**

Set to insert a blank page as the Back Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

- **Duplex Notice (For DP-2310/3010 only)**

Check whether "2-Sided Print" is printed on the footer of 1st page when printing with 2-Sided Page Style.

Configuring the Printer Driver Settings

Windows 98/Me

4. Installable options

Specifies the following printer settings:

- **Number of Paper Trays**

Select the number of available paper trays if optional Paper Feed Module(s) are installed.

- **Large Capacity Paper Tray (LCT) (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher (For DP-3510/3520/4510/4520/6010/6020 only)**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Punch Unit is installed.

- **Outer Option (For DP-2310/3010 only)**

Select the type of Finisher if a Finisher is installed.

- **Inner Tray (For DP-2310/3010 only)**

Select "Installed" if the Inner Tray is installed.

- **Duplex Unit (For DP-2310/3010 only)**

Select "Installed" if the Duplex Unit is installed.

- **Hard Disk Drive**

Select if the HDD Unit is installed.

- **Memory**

Select the memory (Standard or additional).

(Only available if the optional HDD unit (DA-HD30/HD60) is installed)

5. **button**

Displays the help window for this printer driver.

6. **button**

Sets the values of all options in the current dialog box to the default values specified in the PPD file.

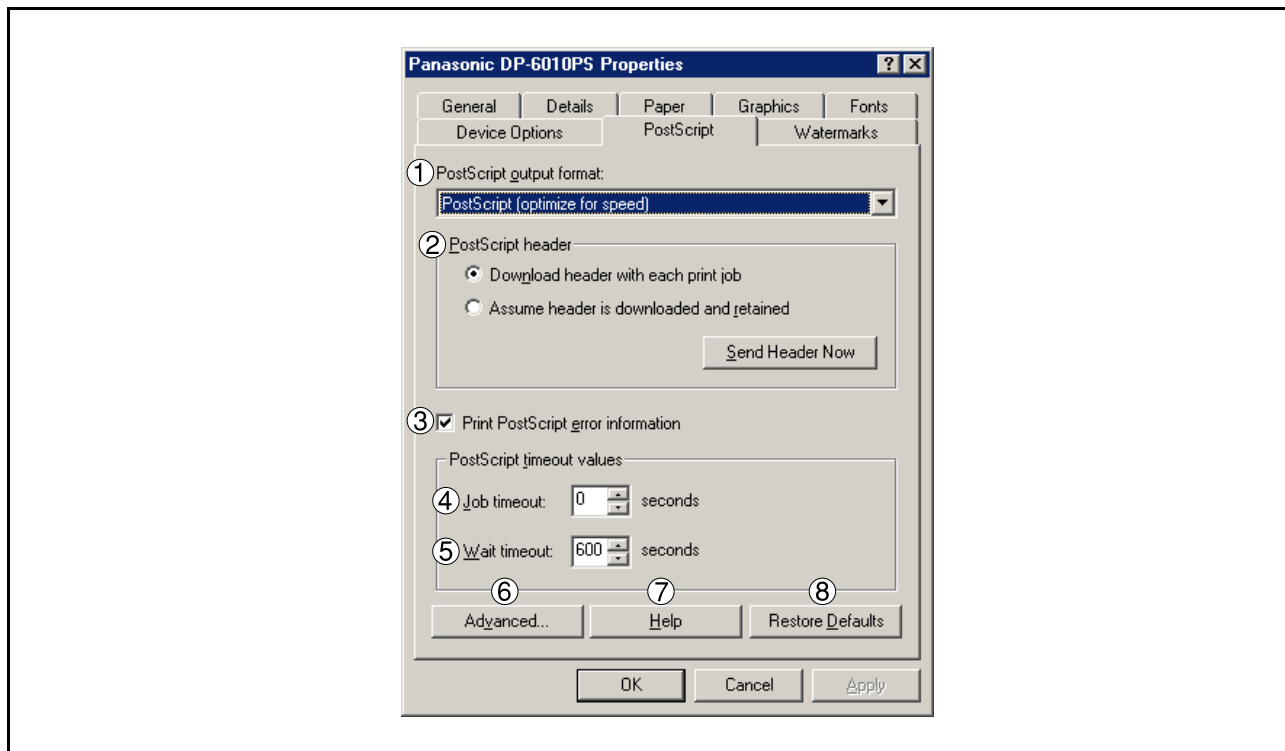
NOTE

¹ Device Option Tab specifies device-specific settings and settings of optional devices.

Configuring the Printer Driver Settings

Windows 98/Me

PostScript Tab

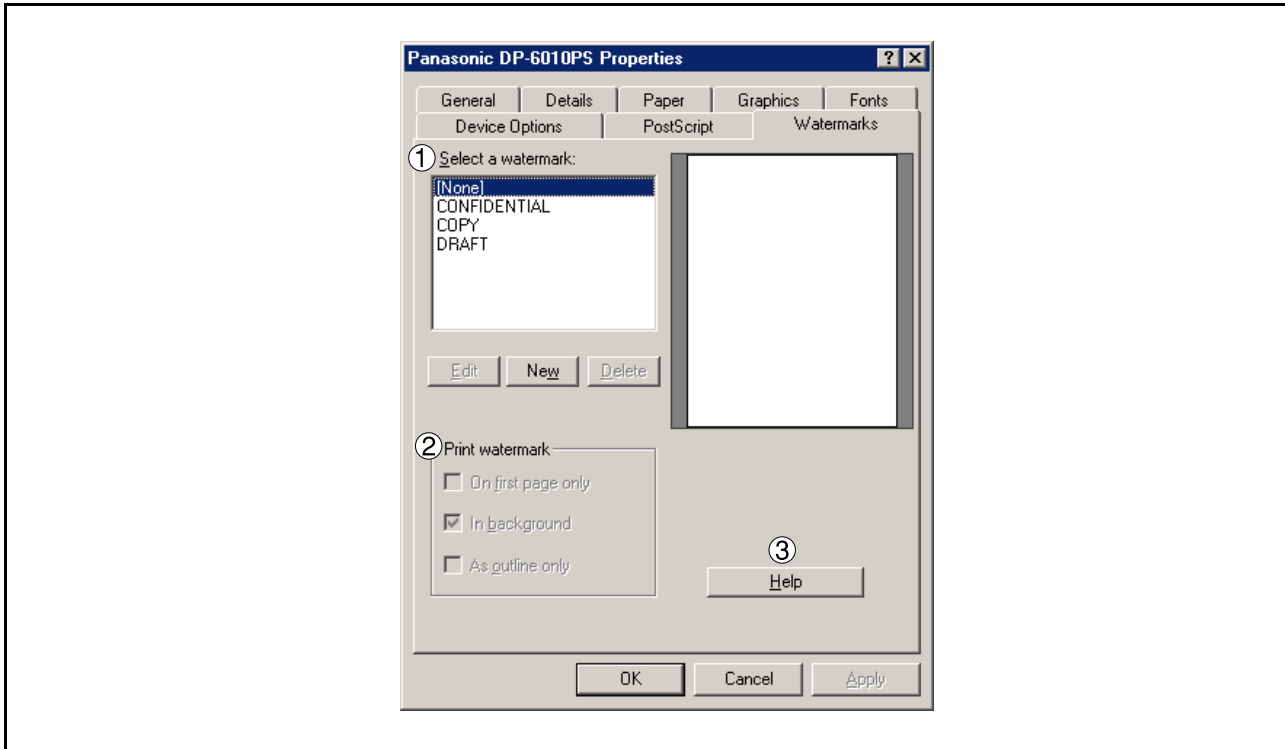


- 1. PostScript output format**
Specifies the format for the PostScript files. In general, use PostScript (Optimize For Speed) for printing a document.
- 2. PostScript header**
Specifies whether to send header information to the printer each time you print a document; this is an advanced feature to use only if you have experience working with headers.
- 3. Print PostScript error information**
Specifies whether to send a special PostScript error handler with every document that you print.
- 4. PostScript timeout value - Job timeout**
Specifies the maximum number of seconds that the print job can take to get from the computer to the printer before the job is canceled.
A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.
- 5. PostScript timeout value - Wait timeout**
Specifies the maximum number of seconds that the printer will wait for the computer to send data before canceling the job.
A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.
- 6. button**
Displays the Advanced PostScript Options dialog box. Click this button to view and change advanced PostScript settings. Only use this option if you are an advanced user with experience working with PostScript.
- 7. button**
Displays the help window for this printer driver.
- 8. button**
Sets the values of all options in the current dialog box to the default values specified in the PPD file.

Configuring the Printer Driver Settings

Windows 98/Me

Watermarks Tab



1. Select a watermark

Lists and displays the available watermark definitions. You can click an entry in the list to select it for editing or deleting.

The **New** button displays the New Watermark dialog box, which lets you add a new watermark to the Select a Watermark list.

2. Print watermark

Specifies the watermark form and style.

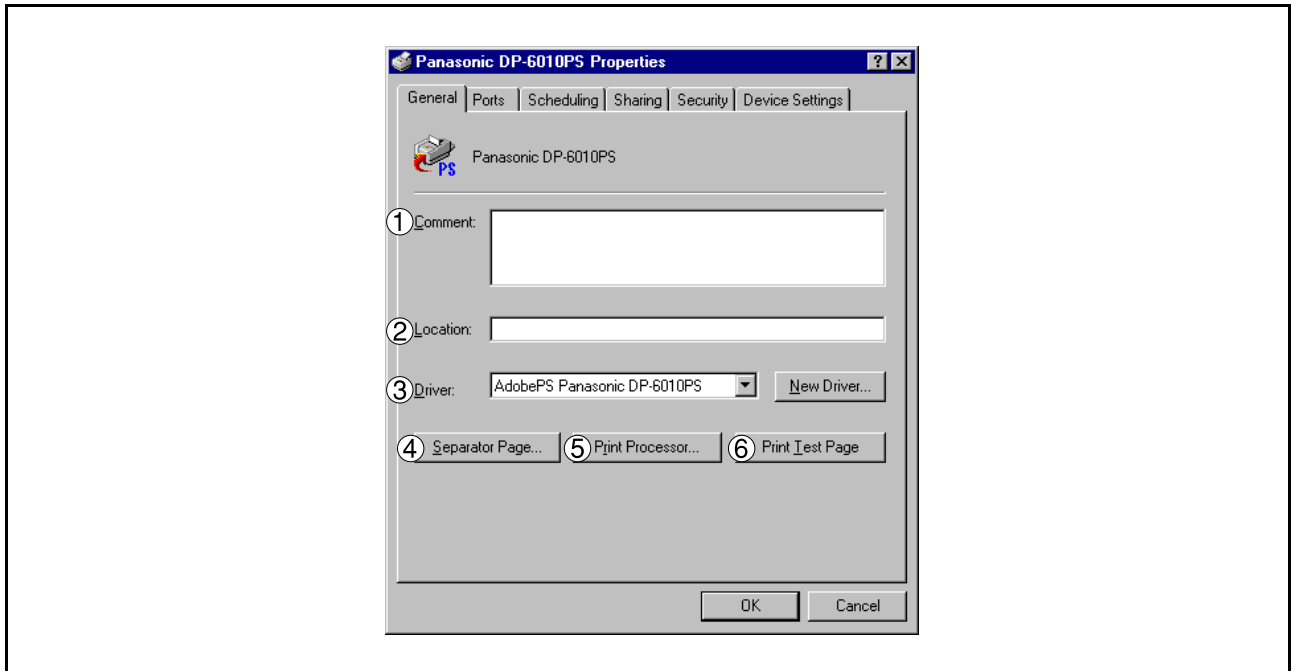
3. **Help** button

Displays the help window for this printer driver.

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

General Tab



1. **Comment**

Enter comments to the properties, if any.

If another user sets up this printer on his or her computer when sharing the printer, the comment specified here will also appear on that computer. However, the comment displayed for an existing user will remain unchanged even if the comment is modified later.

2. **Location**

Specifies the printer location.

3. **Driver**

Displays the printer driver type. Specify the printer being used or a printer model that can be emulated with the printer being used.

Click button updates or modifies the printer driver.

4. **button**

This feature is not available on your machine.

5. **button**

Specify the processor to be used for printing (Print Processor) and the data type (Default Data type).

The processor and data type affect the manner in which the printer functions in Windows NT. Normally they do not need to be modified. However, modification might be necessary when the printer is used with a special application.

6. **button**

Prints a test page. This allows the user to verify if the printer is installed properly.

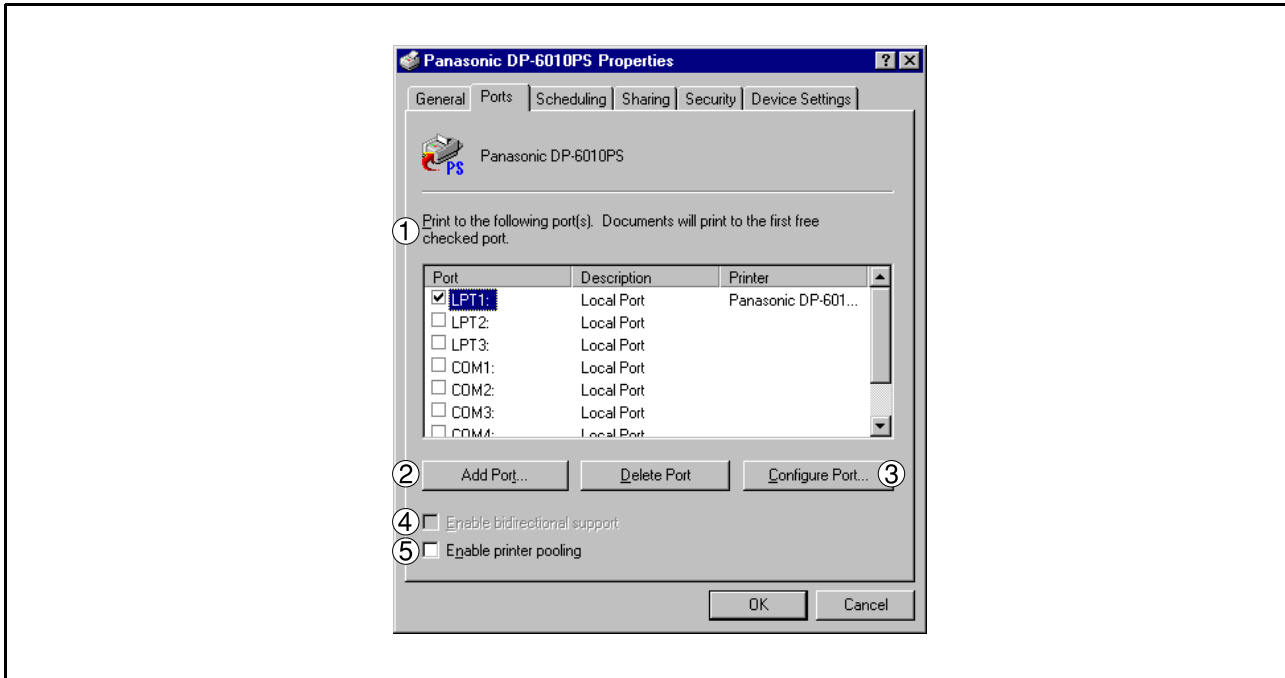
NOTE

1. In Windows NT 4.0, setting the properties depends on the logon account. This section describes properties to be specified by the administrator (system manager). See "Printing from Windows Application" for details on user properties. (See page 103)

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

Ports Tab



1. **Print to the following port(s)**

Displays a list of available ports for printing (Port), their status (Description) and printers that are connected to these ports (Printer).

2. **Add Port...** / **Delete Port** button

Adds/deletes a new port or a new network path.

3. **Configure Port...** button

Configures the selected port. In case of a parallel port, Transmission Retry should be specified.

4. **Enable bidirectional support (The feature is not available with this model.)**

On a printer, this setting enables reception of configuration data and status data from computer.

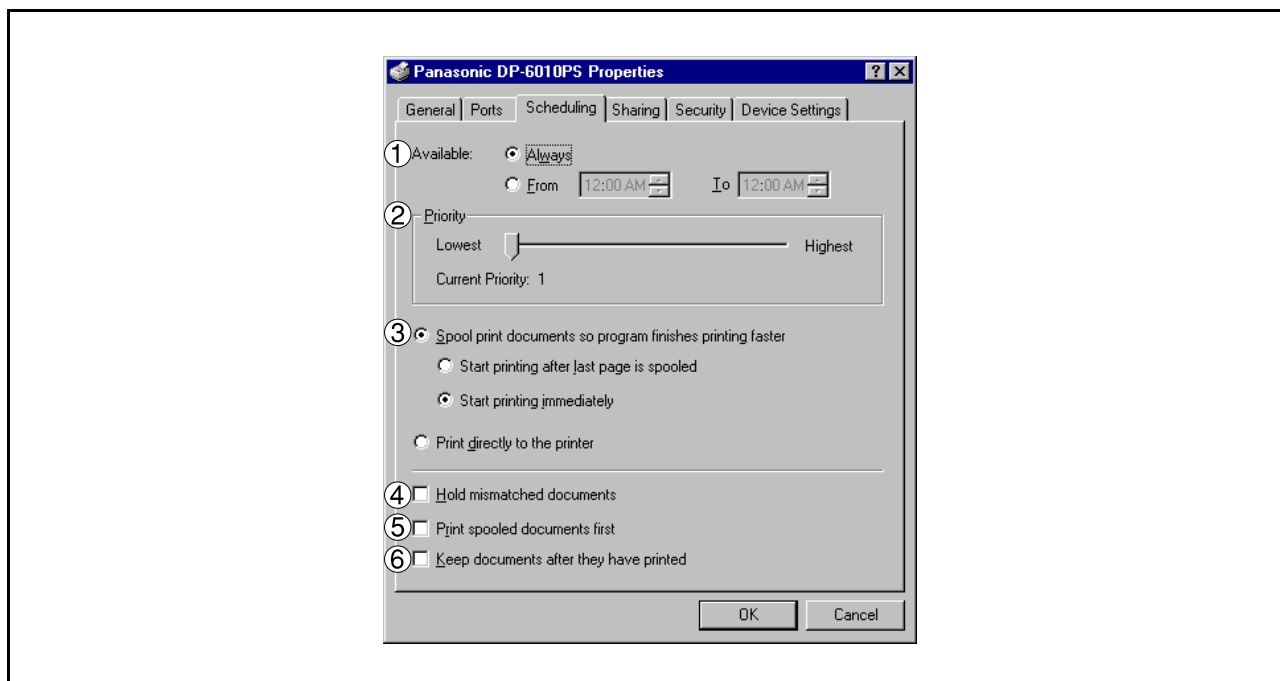
5. **Enable printer pooling**

Printer pooling allows outputting data from one logical printer to two or more printers. With printer pooling enabled, a transmitted printing job is output to the first printer that is ready for printing.

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

Scheduling Tab



1. Available

Schedules when the printer is available for operation. Specify operating hours when **From-To** is selected.

2. Priority

Sets printing priority. The slider allows the priority to be adjusted from 1 through 99.

3. Spool print documents... / Print directly to the printer

Specify how documents should be sent from an application to the printer.

4. Hold mismatched documents

The spooler compares document settings against printer settings and holds printing of a document if its settings (Paper Size, Orientation, and so on) do not match the printer settings.

5. Print spooled documents first

Always prints spooled documents first regardless of printing priority.

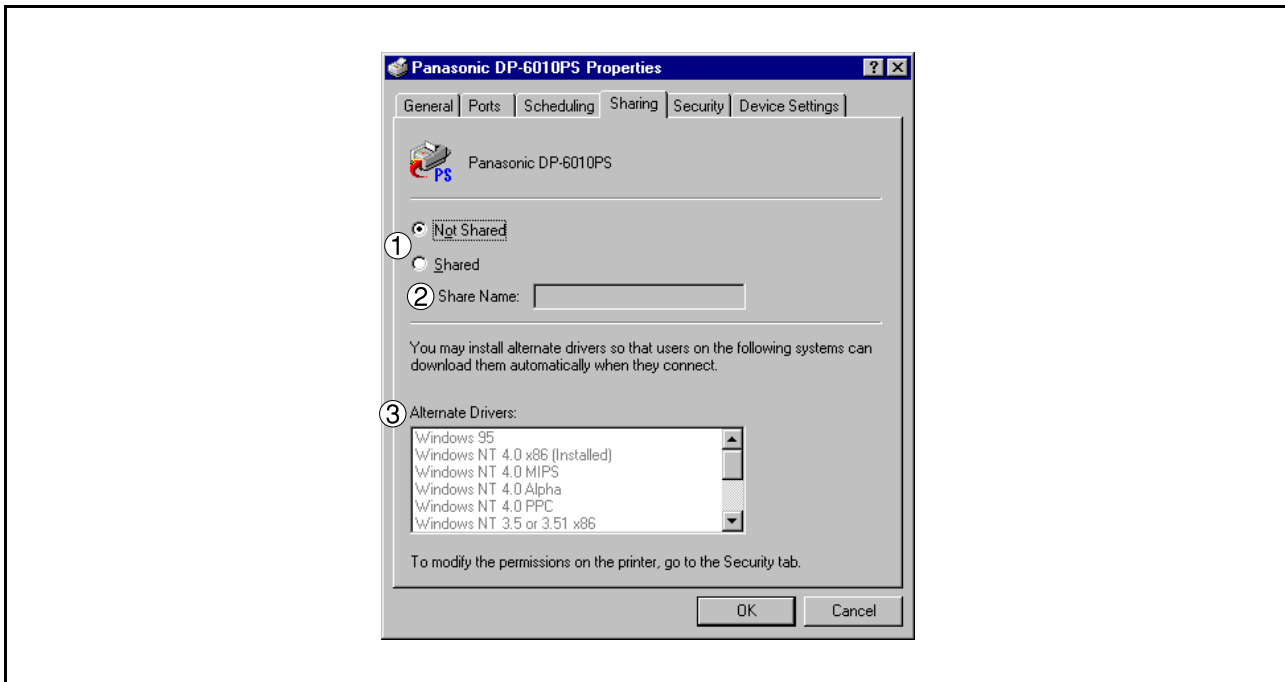
6. Keep documents after they have printed

Holds documents in the print queue even after they have been printed. These documents can be printed again directly from the queue regardless of the state the application is in.

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

Sharing Tab



1. Not Shared/Shared

Select whether to display or share this printer with other computers.

2. Share Name

Specify the name of the shared printer. The displayed name can be used as it is or a new name may be entered. The name specified here will be displayed when other users view information about the printer on the network.

3. Alternate Drivers (The PS Printer Driver is not available in this menu.)

Allows other operating systems printer drivers to be loaded. When users of these operating systems connect to the printer, the printer driver is automatically loaded.

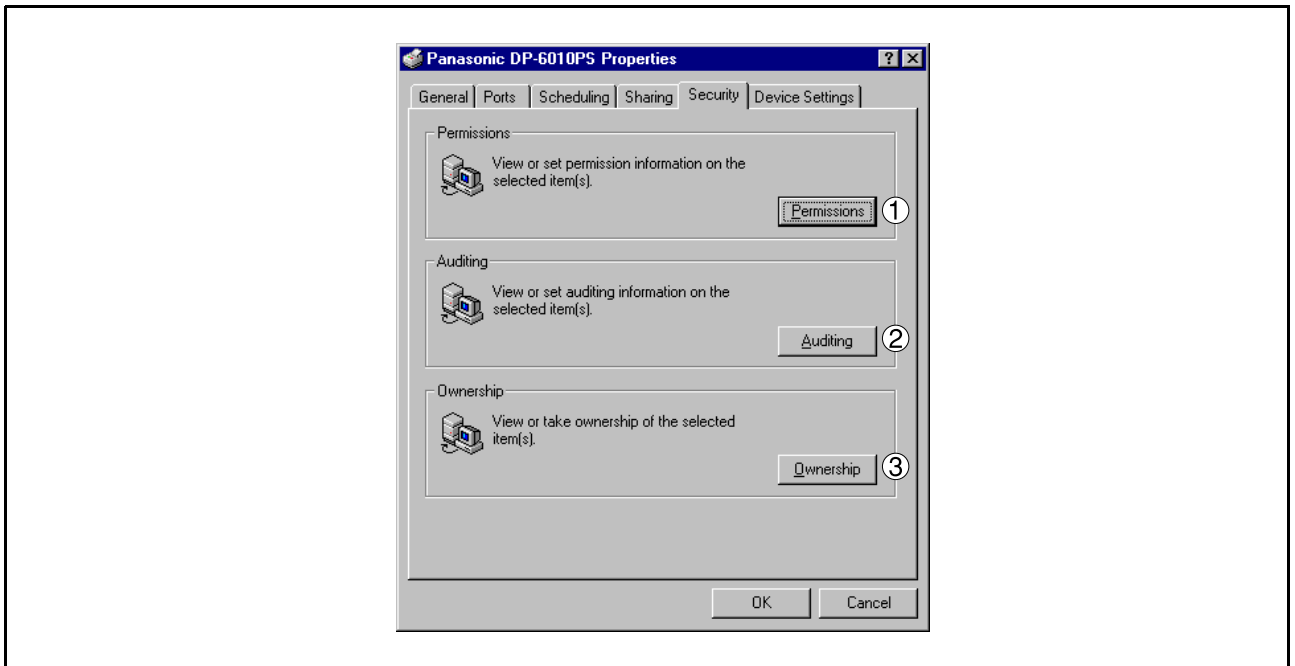
NOTE

1. When sharing a printer on the network, the print driver needs to be installed on the print server only, other computers will automatically copy and use that driver. For this reason, the print server must be ready with printer drivers for all the operating systems of all the computers that will be sharing the printer.

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

Security Tab



1. **Permissions button**
Set printer access privileges.
2. **Auditing button**
Displays the users who have used this printer and how they used it.
3. **Ownership button**
Set the ownership of the printer.

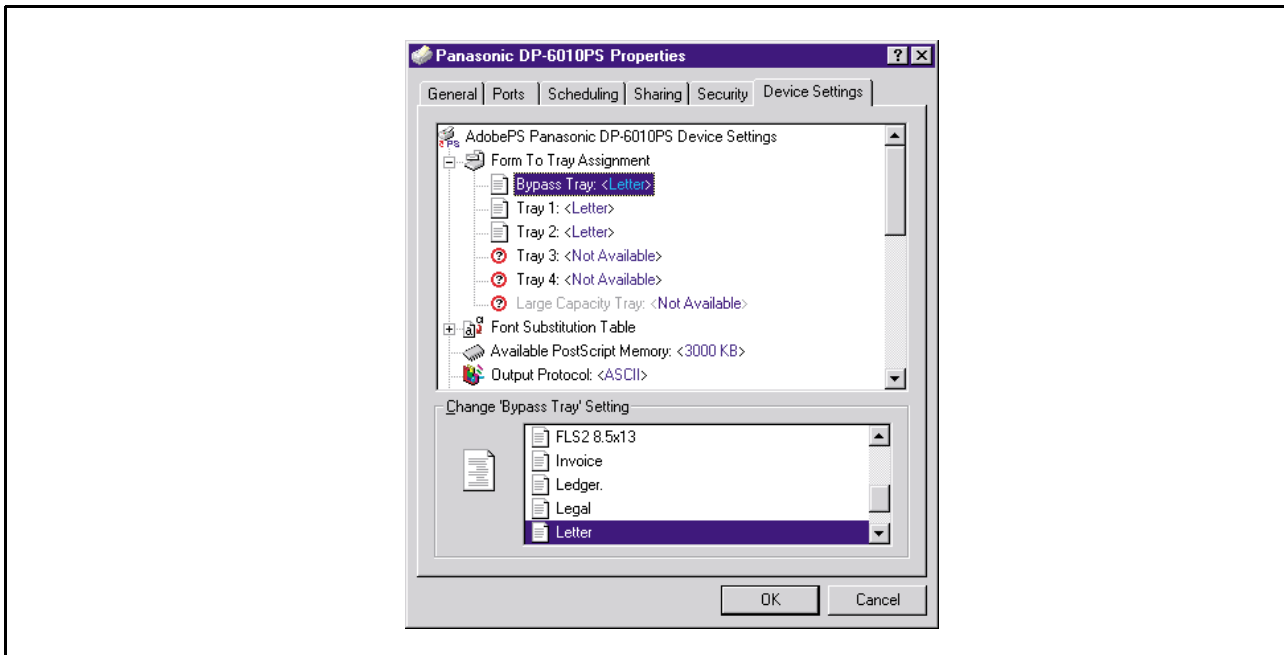
NOTE

1. In order to utilize these features, first you need to select **Audit...** from **User Manager's Policies** and enable **File and Object Access** in the **Audit Policy** dialog box.

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

Device Settings Tab



Specifies the following printer settings and options:

- **Form To Tray Assignment**

Specifies the paper size of each available tray.

- **Font Substitution Table**

Specifies which PostScript fonts to substitute for TrueType fonts. Instead of sending all TrueType fonts to your printer, this option substitutes a PostScript printer font for the common TrueType fonts used in your document.

- **Available PostScript Memory**

Specifies the amount of available printer memory. The driver uses this information when performing printing tasks, such as sending fonts from the computer to the printer.

- **Output Protocol**

Specifies the data format to the printer. Only use this option if you are an advanced user with experience working with PostScript.

- **Send CTRL-D Before/After Each Job**

Sends a CTRL+D to notify the printer that the current job has finished printing and to reset the printer. Only use this option if you are an advanced user with experience working with PostScript.

- **Convert Gray Text/Graphics to PostScript Gray**

This feature is not available on your machine.

- **Add Euro Currency Symbol to PostScript Fonts**

Adds the European currency symbol to most PostScript fonts.

- **Job timeout**

Specifies the maximum number of seconds that the print job can take to get from the computer to the printer before the job is canceled.

A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.

Continued on the next page...

Configuring the Printer Driver Settings

Windows NT 4.0 (Administrator Settings)

- **Wait timeout**

Specifies the maximum number of seconds that the printer will wait for the computer to send data before canceling the job.

A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.

- **Minimum Font Size to Download as Outline**

Specifies the minimum font size to download as Outline. Increasing this value can speed up printing.

- **Maximum Font Size to Download as Bitmap**

Specifies the maximum font size to download as Bitmap. Decreasing this value can speed up printing.

Installable Options

- **Number of Paper Trays**

Select the number of available paper trays if optional Paper Feed Module(s) are installed.

- **Large Capacity Paper Tray (LCT) (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher (For DP-3510/3520/4510/4520/6010/6020 only)**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Punch Unit is installed.

- **Outer Option (For DP-2310/3010 only)**

Select the type of Finisher if a Finisher is installed.

- **Inner Tray (For DP-2310/3010 only)**

Select "Installed" if the Inner Tray is installed.

- **Duplex Unit (For DP-2310/3010 only)**

Select "Installed" if the Duplex Unit is installed.

- **Hard Disk Drive**

Select if the HDD Unit is installed.

- **Memory**

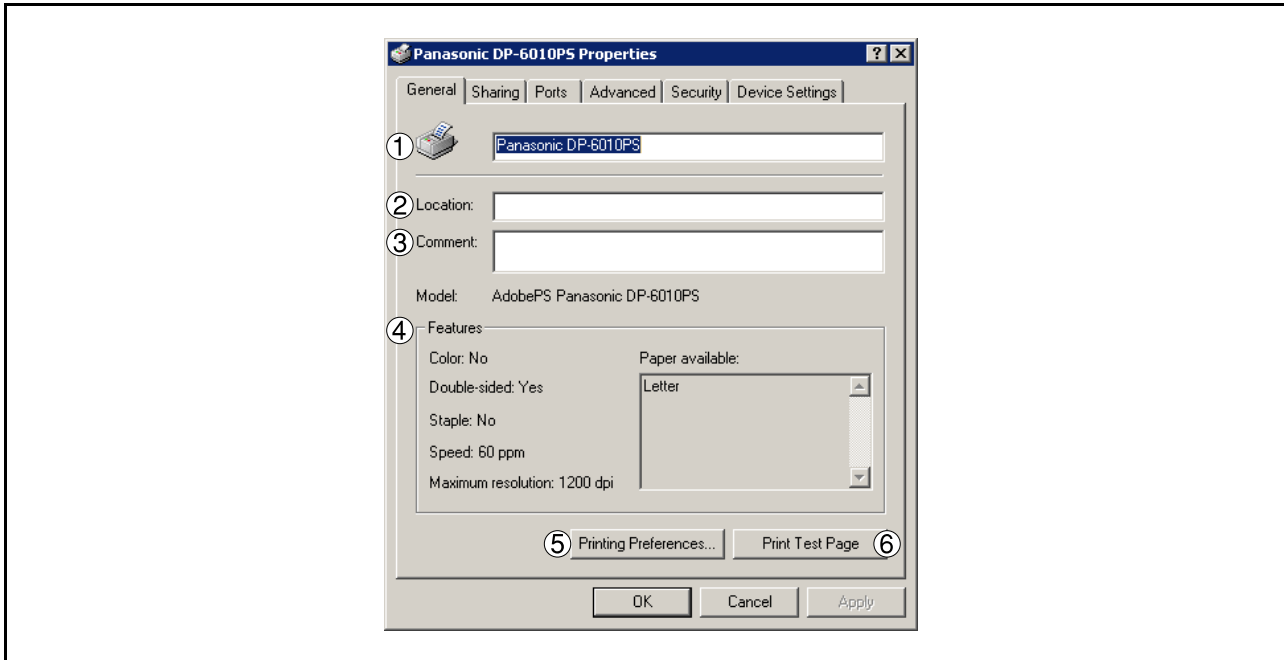
Select the memory (Standard or additional).

(Only available if the optional HDD unit (DA-HD30/HD60) is installed)

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

General Tab



1. Printer Name

Name of the printer specified upon installation is displayed.

2. Location

Specifies the printer location.

3. Comment

Enter comments to the properties, if any.

If another user sets up this printer on his or her computer when sharing the printer, the comment specified here will also appear on that computer. However, the comment displayed for an existing user will remain unchanged even if the comment is modified later.

4. Features

Functions and settings of the printer are displayed.

5. Printing Preferences... button

Changes properties (print settings) specifiable for each user.

Refer to "Printing from Windows Applications" for detailed settings. (See page 103)

6. Print Test Page button

Prints a test page. This allows the user to verify if the printer is installed properly.

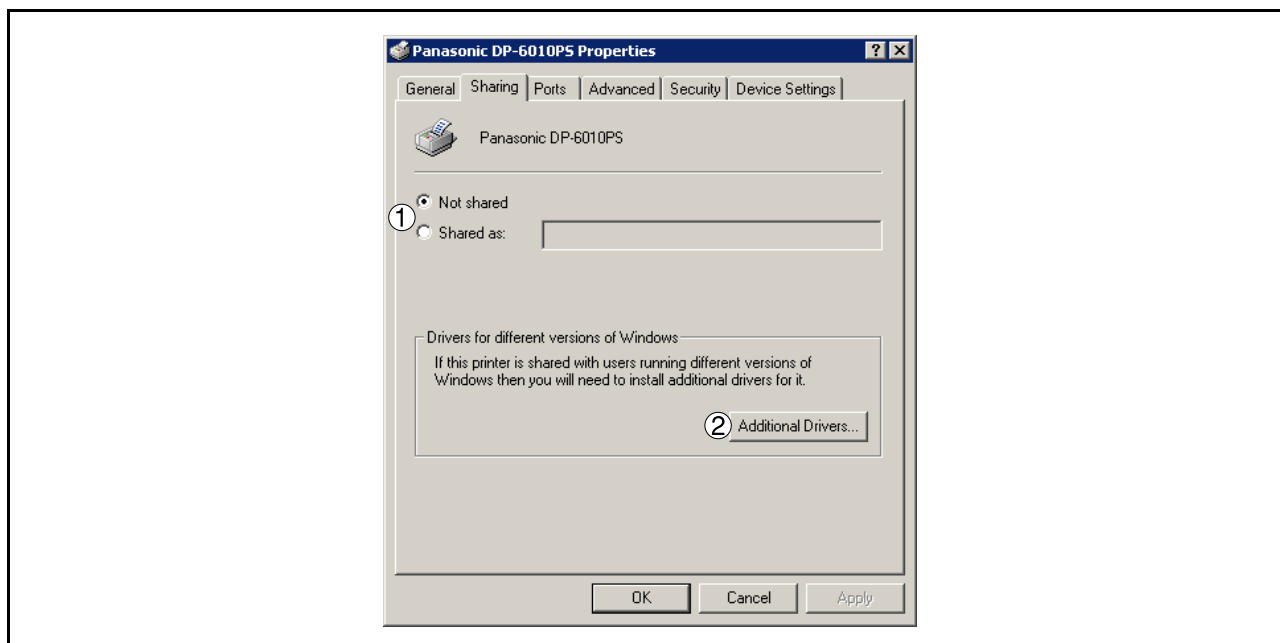
NOTE

1. In Windows 2000/XP, setting the properties depends on the logon account. This section describes properties to be specified by the administrator (system manager). See "Printing from Windows Applications" for details on user properties. (See page 103)

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

Sharing Tab



1. Not shared/Shared as

Select whether to display or share this printer with other computers.

For sharing a printer, specify the share name of a printer to be shared. A name specified here appears when other users view the printer information on a network.

2. Additional Drivers... button (The PS Printer Driver is not available in this menu.)

Allows other operating systems printer drivers to be loaded. When users of these operating systems connect to the printer, the printer driver is automatically loaded.

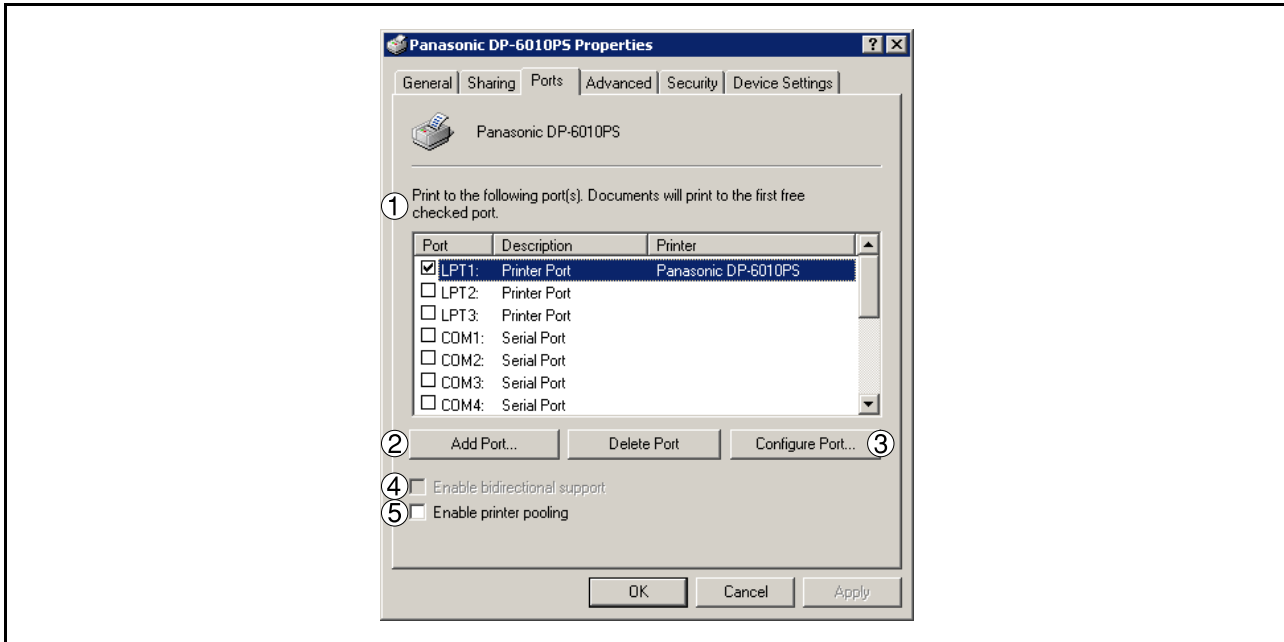
NOTE

1. When sharing a printer on the network, the print driver needs to be installed on the print server only, other computers will automatically copy and use that driver. For this reason, the print server must be ready with printer drivers for all the operating systems of all the computers that will be sharing the printer.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

Ports Tab



1. Print to the following port(s)

Displays a list of available ports for printing (Port), their status (Description) and printers that are connected to these ports (Printer).

2. Add Port... / Delete Port button

Adds/deletes a new port or a new network path.

3. Configure Port... button

Configures the selected port. In case of a parallel port, Transmission Retry should be specified.

4. Enable bidirectional support (The feature is not available with this model.)

Be sure to check the check box for "Enable bidirectional support" when installing the status monitor. Otherwise, status information reception may not function properly.

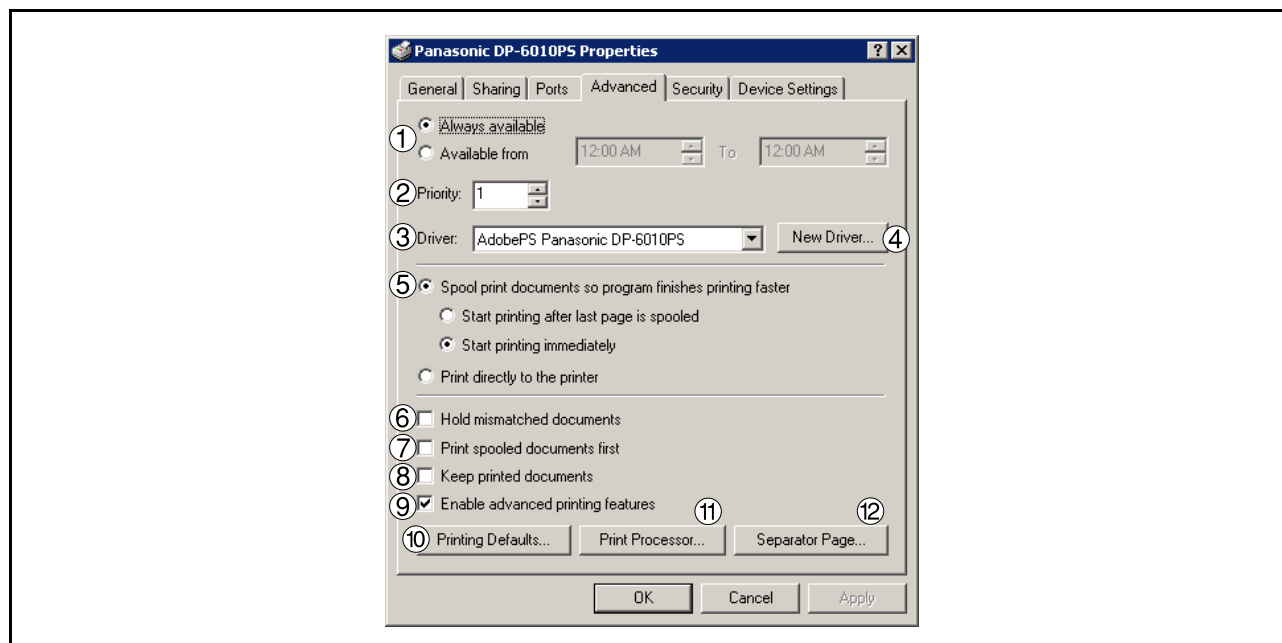
5. Enable printer pooling

Printer pooling allows outputting data from one logical printer to two or more printers. With printer pooling enabled, a transmitted printing job is output to the first printer that is ready for printing.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

Advanced Tab



1. Always available/Available from

Schedules when the printer is available for operation. Specify operating hours when **From-To** is selected.

2. Priority

Sets printing priority. The slider allows the priority to be adjusted from 1 through 99.

3. Driver

Displays the printer driver type. Specify the printer being used or a printer model that can be emulated with the printer being used.

4. button

Updates or modifies the printer driver.

5. Spool print documents... / Print directly to the printer

Specify how documents should be sent from an application to the printer.

6. Hold mismatched documents

The spooler compares document settings against printer settings and holds printing of a document if its settings (Paper Size, Orientation, and so on) do not match the printer settings.

7. Print spooled documents first

Always prints spooled documents first regardless of printing priority.

8. Keep printed documents

Holds documents in the print queue even after they have been printed. These documents can be printed again directly from the queue regardless of the state the application is in.

9. Enable advanced printing features

Enables advanced printing features. Optional printer features (page ordering, booklet printing, numbering on sheets) are enabled. These features can be disabled if a problem occurs due to incompatibility. Disabling the features may also disable the printing options.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

10. **Printing Defaults...** button

Specifies standard (default) values for the properties (print settings) specifiable for each user. If a local printer is shared, the settings here are used as printing defaults for other users. Refer to "Printing from Windows Applications" for detailed settings. (See page 103)

11. **Print Processor...** button

Specify the processor to be used for printing (Print Processor) and the data type (Default Data type). The processor and data type affect the manner in which the printer functions in Windows 2000/XP. Normally they do not need to be modified. However, modification might be necessary when the printer is used with a special application.

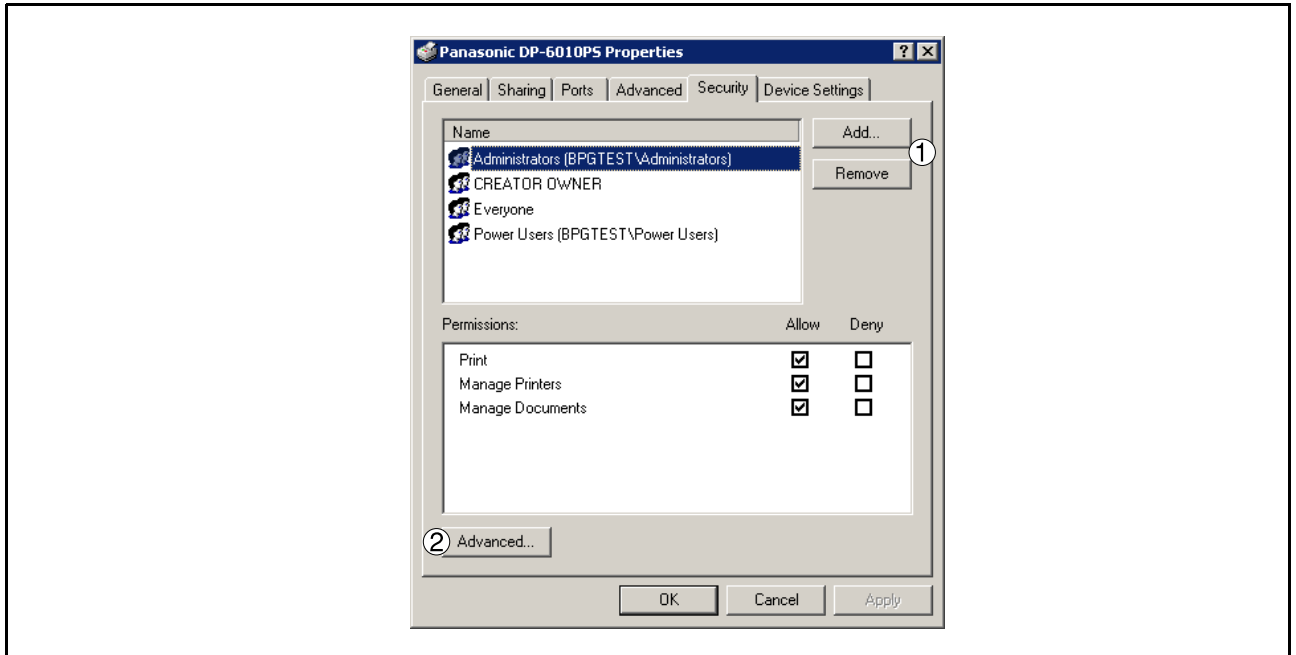
12. **Separator Page...** button

This feature is not available on your machine.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

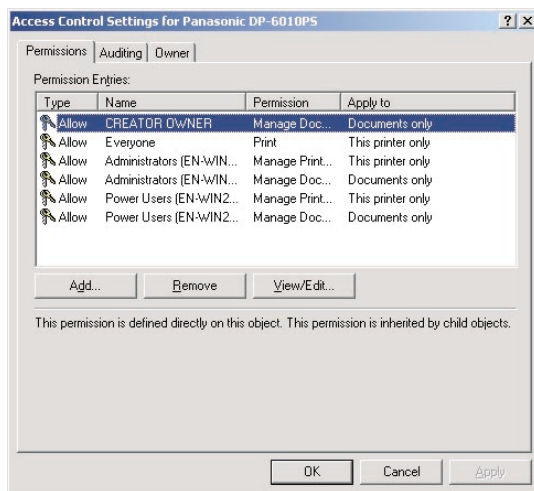
Security Tab



Displays a list of users and groups to whom printer access is assigned to. A list of standard permissions for each group or user is displayed. Check the checkboxes for permitting or prohibiting access. Gray checkbox indicates the permission inheritance.

1. **Add...** / **Remove** button
Add or delete a user or group from the list.

2. **Advanced...** button
Specify access to a printer, audit, and owner.



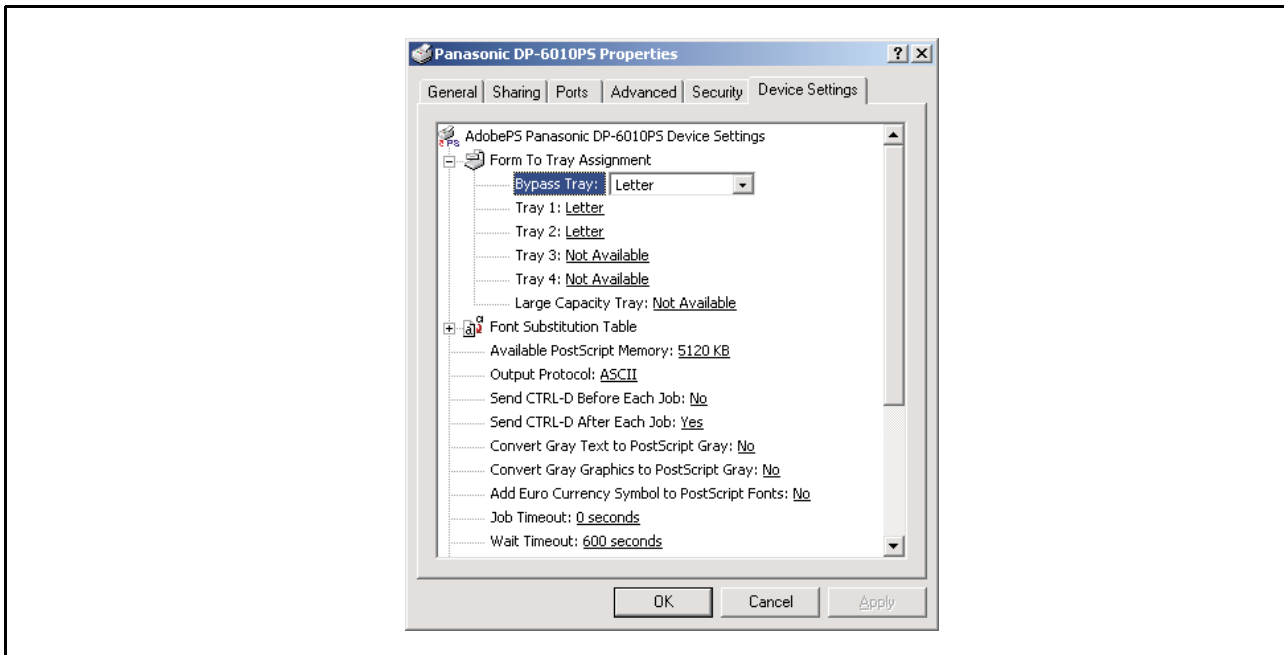
NOTE

1. Windows 2000 provides the capability of managing access to various objects (e.g. printers) by users.
2. Refer to the Windows 2000 documentation for details on access permission, audit, and owner.
3. The Security Tab is not shown in Windows XP.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

Device Settings Tab



Specifies the following printer settings and options:

- **Form To Tray Assignment**

Specifies the paper size of each available tray.

- **Font Substitution Table**

Specifies which PostScript fonts to substitute for TrueType fonts. Instead of sending all TrueType fonts to your printer, this option substitutes a PostScript printer font for the common TrueType fonts used in your document.

- **Available PostScript Memory**

Specifies the amount of available printer memory. The driver uses this information when performing printing tasks, such as sending fonts from the computer to the printer.

- **Output Protocol**

Specifies the data format to the printer. Only use this option if you are an advanced user with experience working with PostScript.

- **Send CTRL-D Before/After Each Job**

Sends a CTRL+D to notify the printer that the current job has finished printing and to reset the printer. Only use this option if you are an advanced user with experience working with PostScript.

- **Convert Gray Text/Graphics to PostScript Gray**

This feature is not available on your machine.

- **Add Euro Currency Symbol to PostScript Fonts**

Adds the European currency symbol to most PostScript fonts.

- **Job timeout**

Specifies the maximum number of seconds that the print job can take to get from the computer to the printer before the job is canceled.

A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.

Continued on the next page...

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

- **Wait timeout**

Specifies the maximum number of seconds that the printer will wait for the computer to send data before canceling the job.

A value of zero means that the job is never canceled. If your printer is shared, do not specify a value of zero.

- **Minimum Font Size to Download as Outline**

Specifies the minimum font size to download as Outline. Increasing this value can speed up printing.

- **Maximum Font Size to Download as Bitmap**

Specifies the maximum font size to download as Bitmap. Decreasing this value can speed up printing.

Installable Options

- **Number of Paper Trays**

Select the number of available paper trays if optional Paper Feed Module(s) are installed.

- **Large Capacity Paper Tray (LCT) (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher (For DP-3510/3520/4510/4520/6010/6020 only)**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit (For DP-3510/3520/4510/4520/6010/6020 only)**

Select if a Punch Unit is installed.

- **Outer Option (For DP-2310/3010 only)**

Select the type of Finisher if a Finisher is installed.

- **Inner Tray (For DP-2310/3010 only)**

Select "Installed" if the Inner Tray is installed.

- **Duplex Unit (For DP-2310/3010 only)**

Select "Installed" if the Duplex Unit is installed.

- **Hard Disk Drive**

Select if the HDD Unit is installed.

- **Memory**

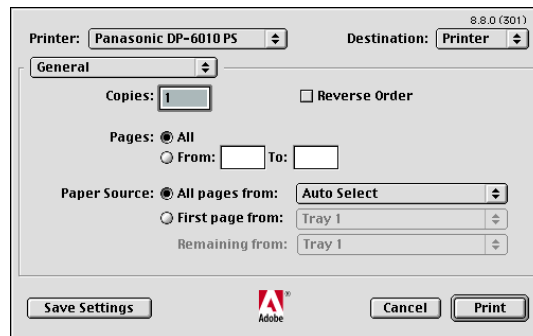
Select the memory (Standard or additional).

(Only available if the optional HDD unit (DA-HD30/HD60) is installed)

Configuring the Printer Driver Settings (Macintosh)

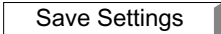
To change the printer settings, open the printer properties by performing the following steps.

- 1** Select the **File** menu > **Print**.
- 2** Select the Panasonic printer.



In print window, you will see a number of titles in the pop-up menu. The appropriate operating system shows different titles in the window.

Mac OS 8.6/9.x:

Click the  button to save the current settings for the default values.

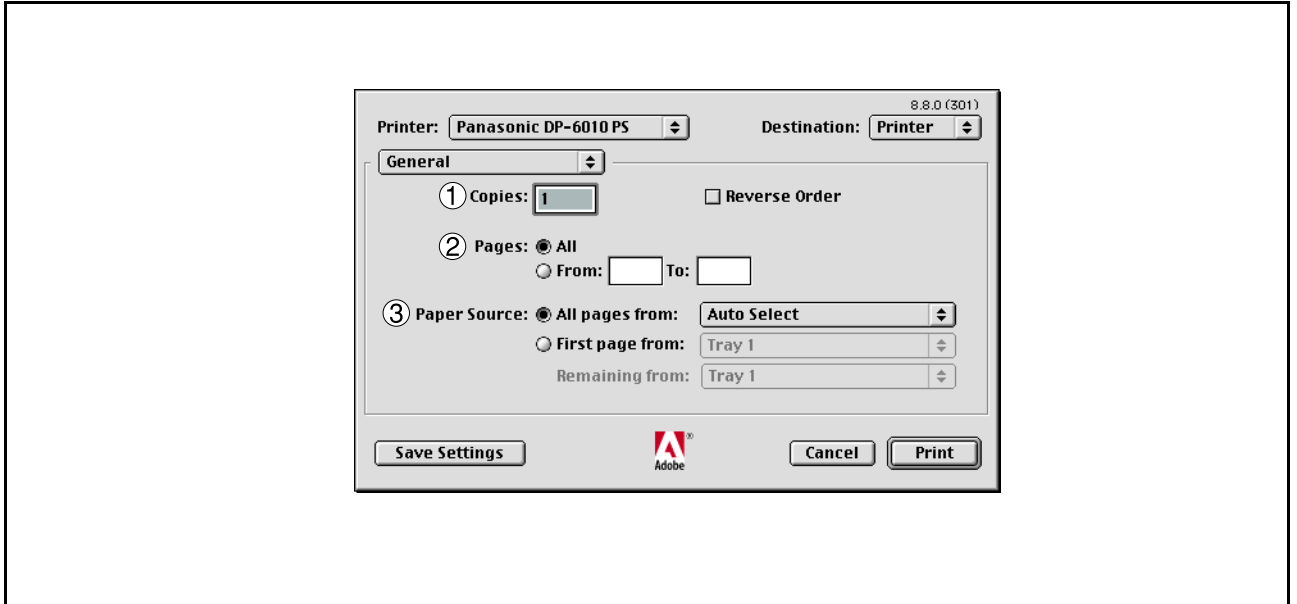
Mac OS X:

Select **Save Custom Setting** menu to save the current settings for the default values.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

General menu



1. Copies

Specify the number of copies to be printed.

2. Pages

Specify the range of printing pages.

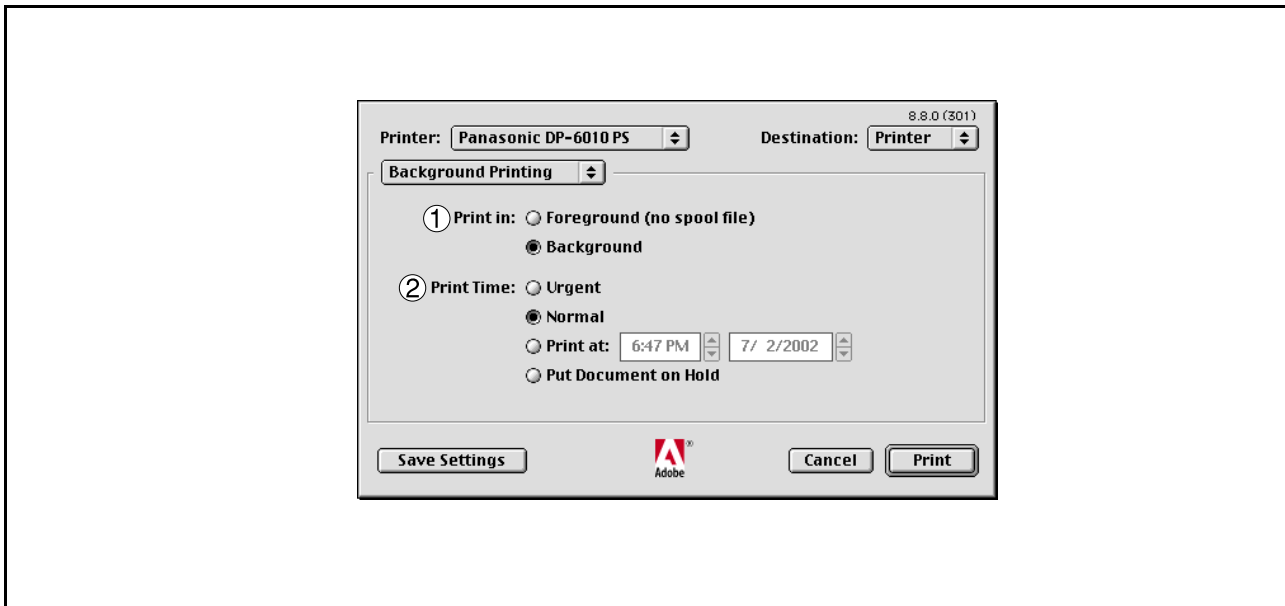
3. Paper Source

Specify where the paper you want to use is located in the device. If you choose **Auto Select**, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Background Printing menu



1. Print in

Select Foreground or Background printing.

Foreground printing ties-up your Macintosh while it prints the job. Printing is completed more quickly, and the document takes less disk space when preparing for printing.

The Background selection causes your Macintosh to write your job to the hard disk before printing it. This frees-up the computer so you can work while the job is printing, but it takes longer overall.

2. Print Time

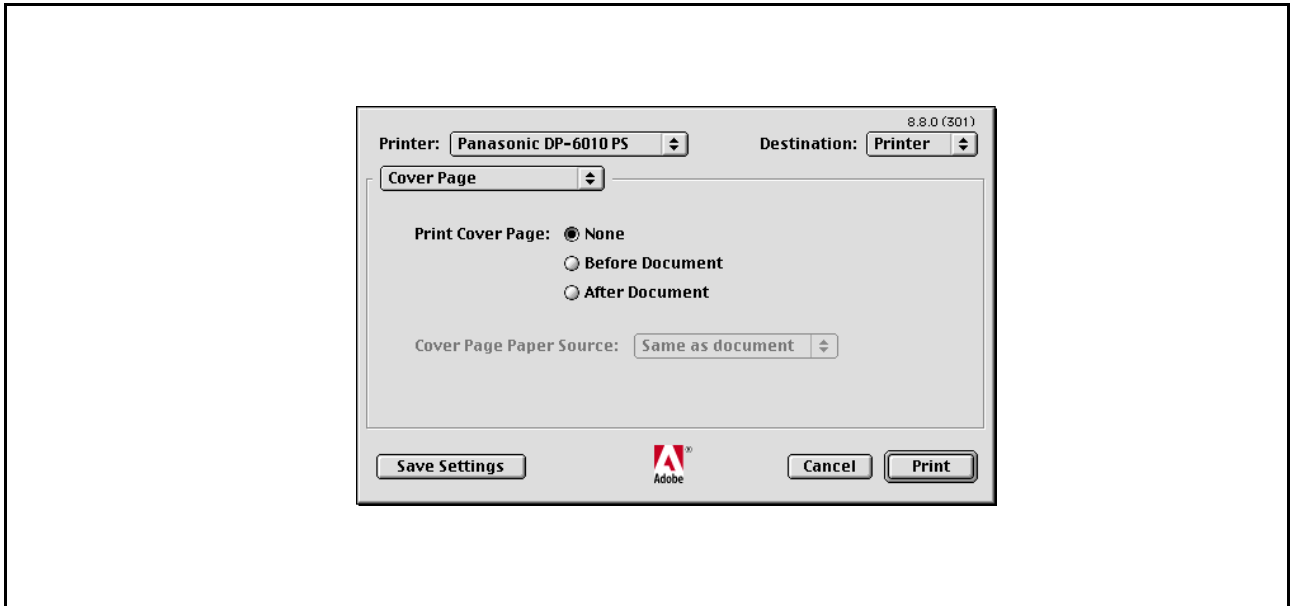
Schedules when the printer outputs current documents.

You can specify operating hours when From-To is selected, or holds documents in the print queue.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Cover Page menu

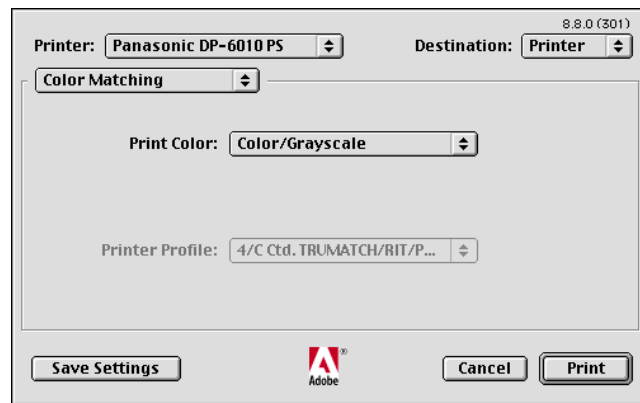


NOTE:
This feature is not available on your machine.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Color Matching Menu



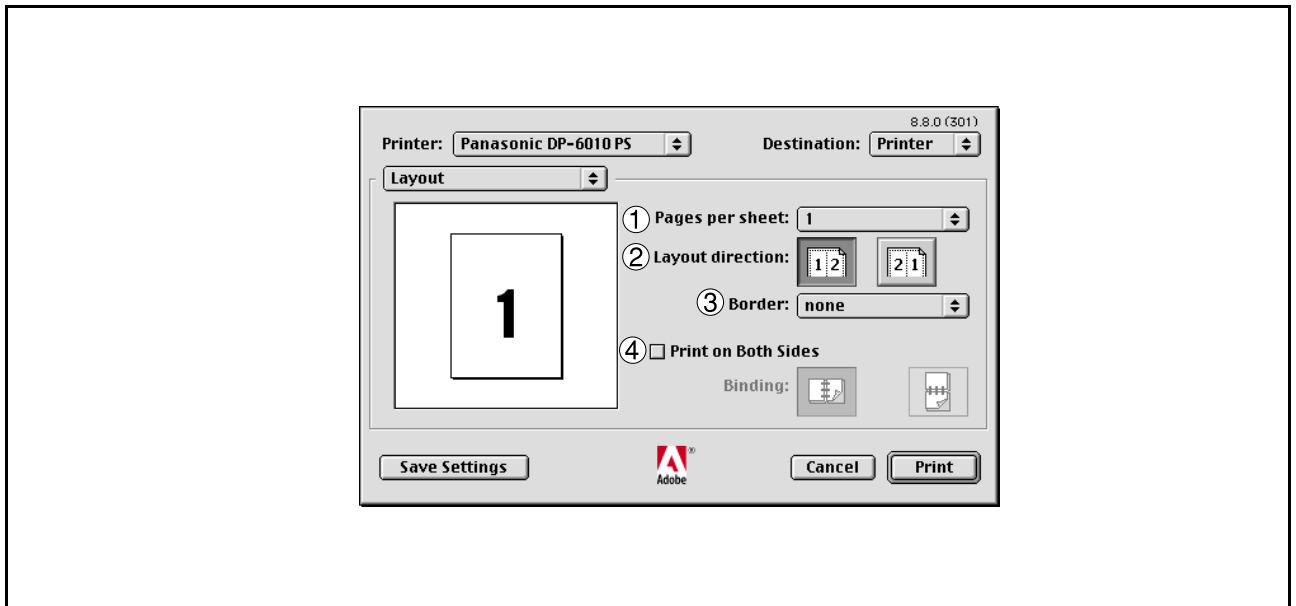
NOTE:

This feature is not available on your machine.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Layout Menu



1. Pages per sheet

Specify the number for printing multiple documents on a single sheet of paper. Select this option to view an example.

2. Layout direction

Specify the layout direction for printing multiple documents on a single sheet of paper. Select this option to view an example.

3. Border

Specify whether page borders are used when printing multiple documents on a single sheet of paper.

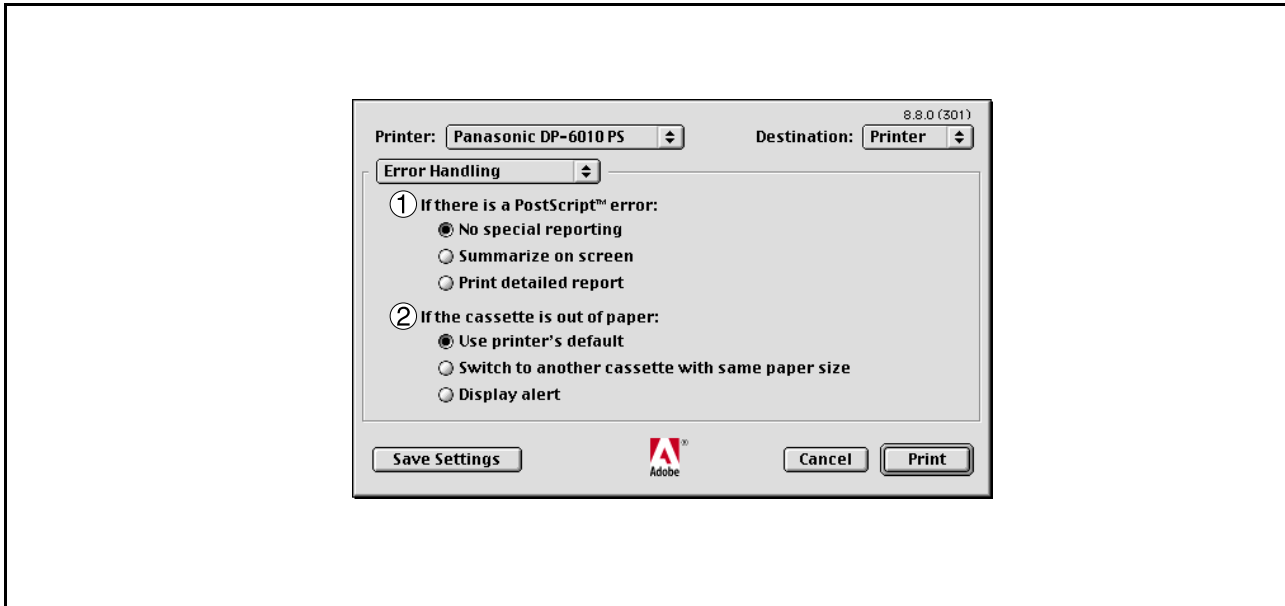
4. Print on Both Sides / Binding

Specify whether and how the printer should print the document on both sides of the paper.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Error Handling Menu



1. If there is a PostScript error

Specifies how to send PostScript error information with every document that you print.

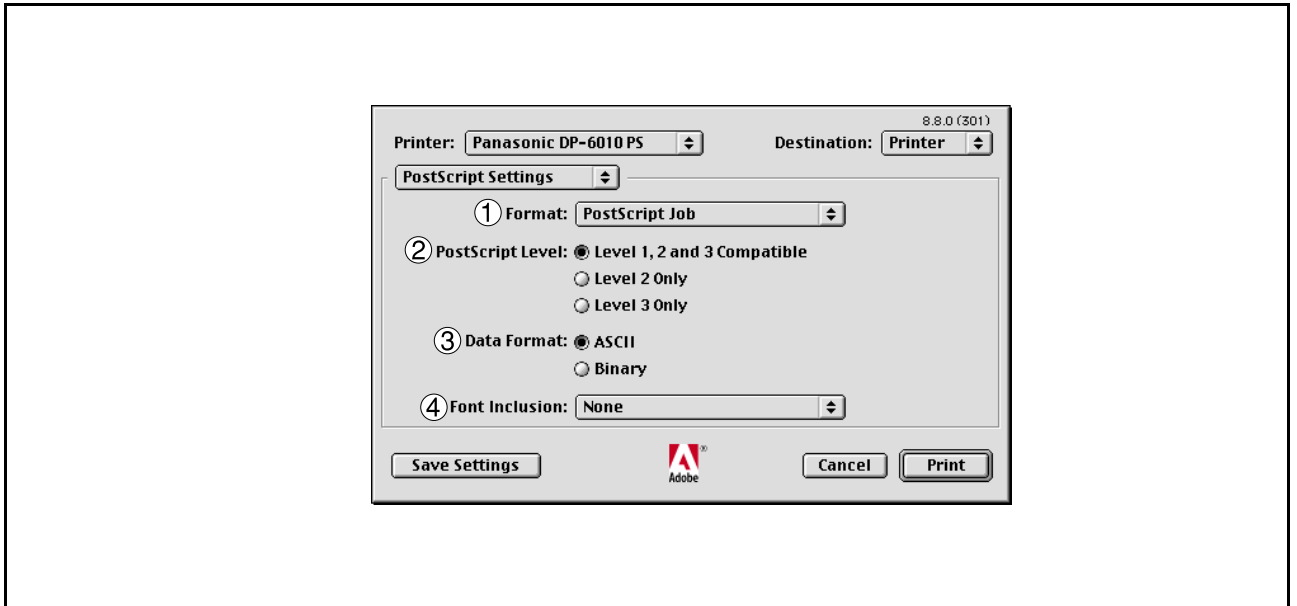
2. If the cassette is out of paper

Specify what will happen if paper runs out in the chosen paper tray.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

PostScript Settings Menu



1. Format

Specifies the format for the PostScript files. In general, use PostScript job for printing a document.

2. PostScript Level

Specifies the level for the PostScript.

3. Data Format

Specifies the data format to the printer. Only use this option if you are an advanced user with experience working with PostScript.

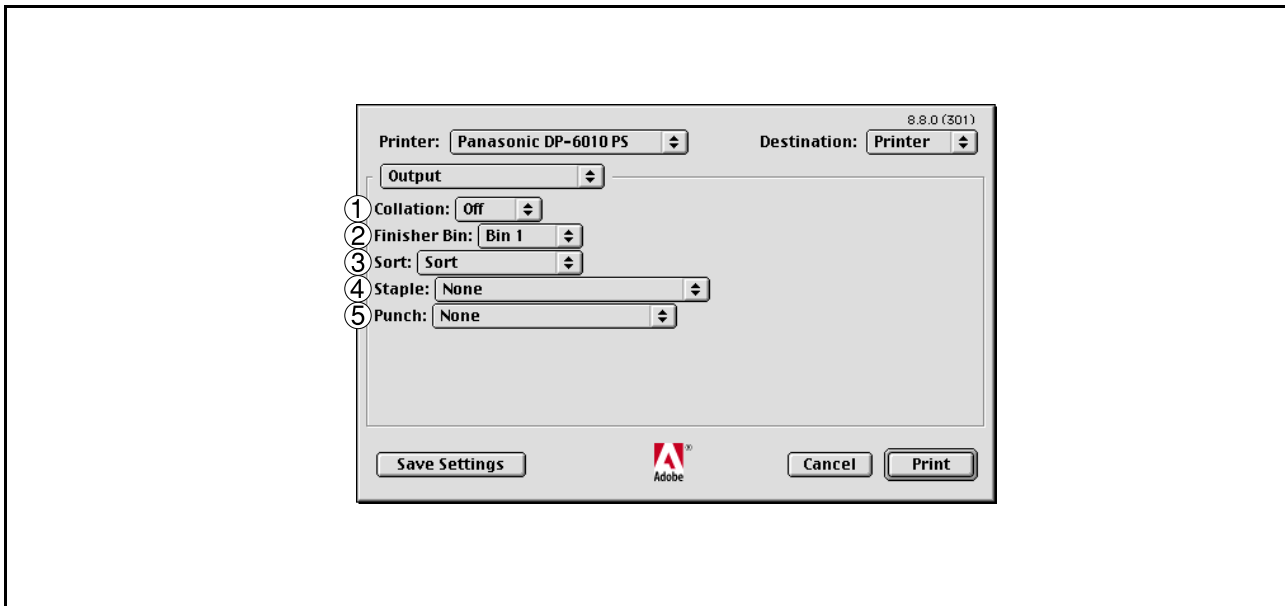
4. Font Inclusion

Specifies the font inclusion for the PostScript print.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Output Menu



1. Collation

This feature is not available on your machine.

2. Finisher Bin/Output Tray

Specifies which output bin to use for your printed document. Some printer models have more than one output bin you can use for sorting your documents.

3. Sort

Select whether to Stack or Sort when printing multiple copies.

4. Staple

Select the staple position. Available if the optional Finisher (DA-FS300, FS330, FS355, FS600 or FS605) is installed.

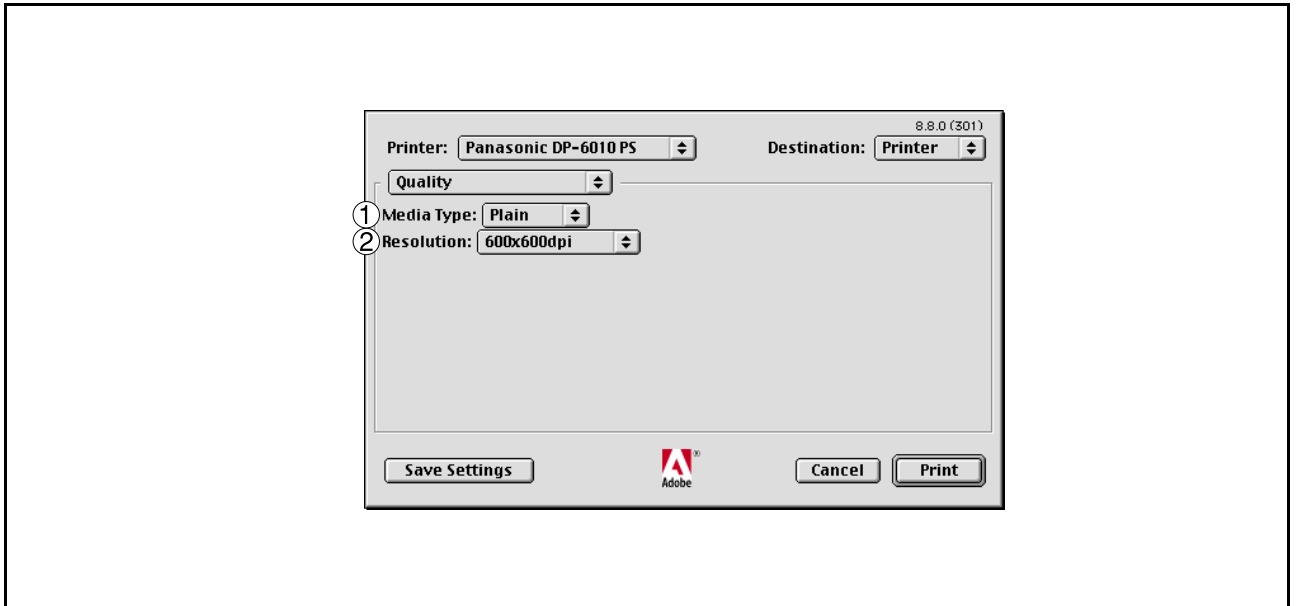
5. Punch (For DP-3510/3520/4510/4520/6010/6020 only)

Select the punch position. Available if the optional Punch Unit is installed.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Quality Menu



1. Media Type

Select the paper type.

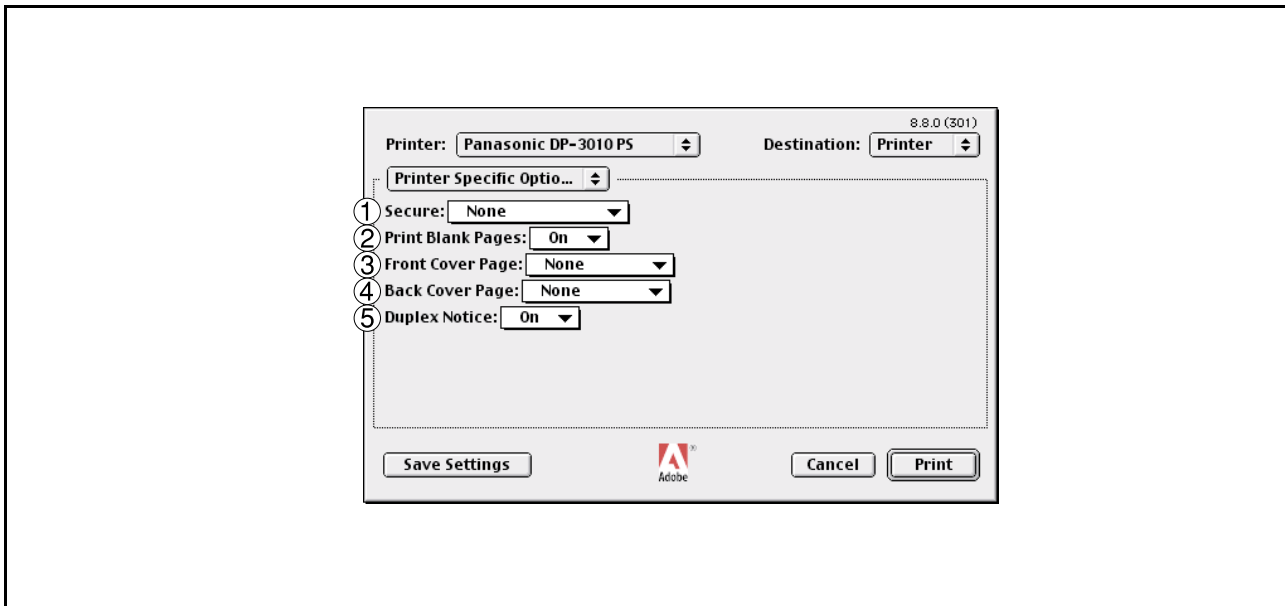
2. Resolution

Select the resolution you want for printing (300dpi/600dpi/1200dpi Enhanced).

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Printer Specific Options Menu



1. Secure

Select the Mailbox or Secure Mailbox if storing the print data into the mailbox of the machine. Available if the optional Hard Disk Drive Unit (DA-HD30/HD60) is installed.

Note: The PS Driver Security Utility must be installed in order to use the user ID password.

2. Print Blank Pages

Select whether the blank pages are printed or not.

3. Front Cover Page

Set to insert a blank page as the Front Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

4. Back Cover Page

Set to insert a blank page as the Back Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

5. Duplex Notice (For DP-2310/3010 only)

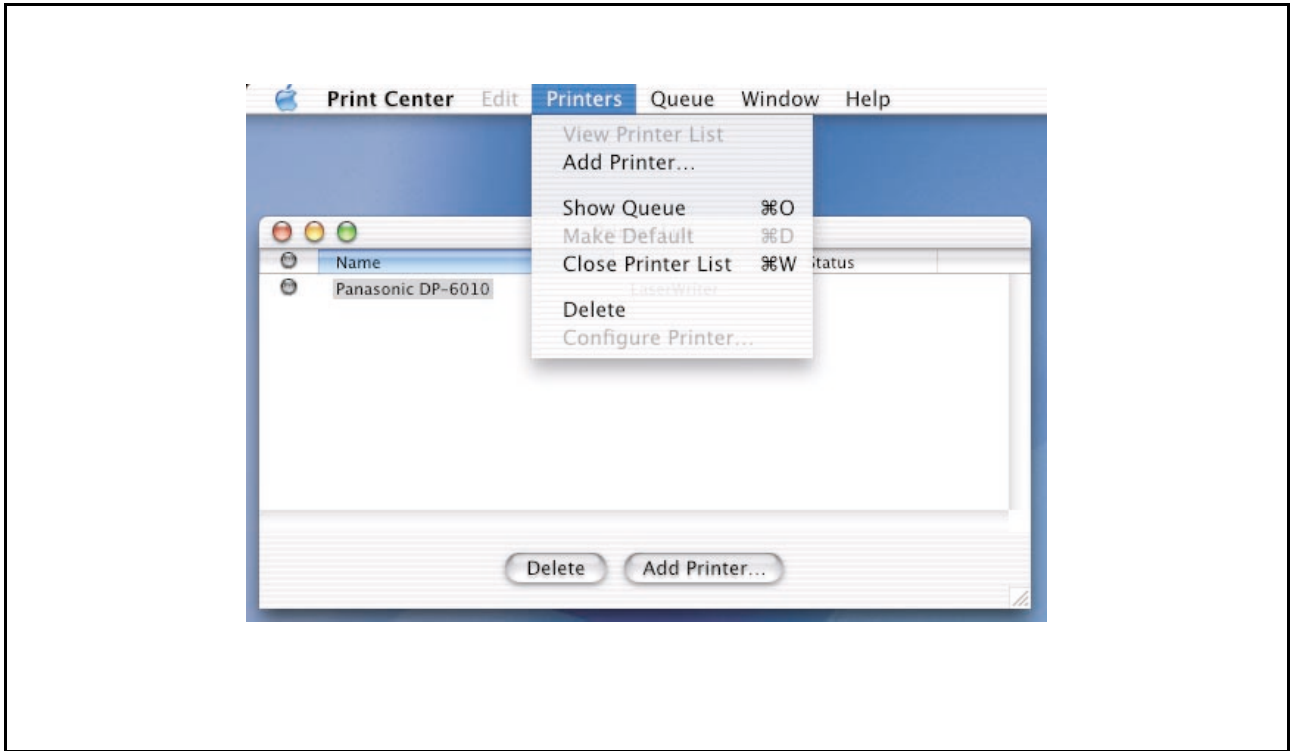
Check whether "2-Sided Print" is printed on the footer of 1st page when printing with 2-Sided Page Style.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

<For Mac OS X 10.1>

With Macintosh OS X, such functions as Staple, Punch and Secure cannot be used because **Print Center > Printers > Configure Printer...** is grayed out and Device Options cannot be selected.

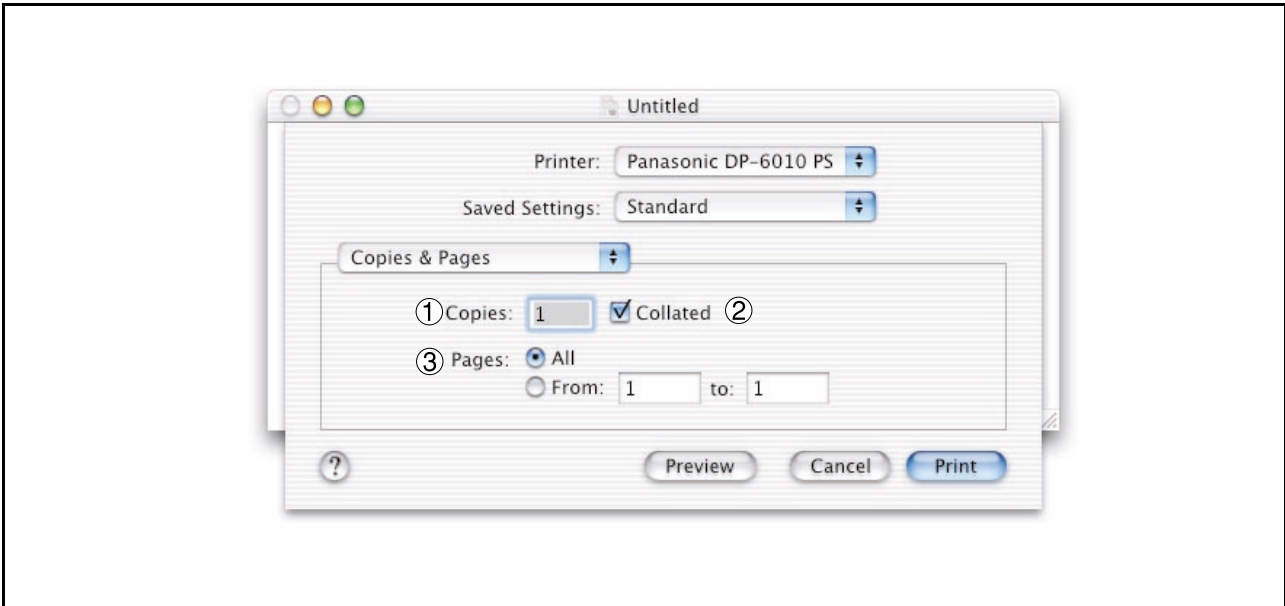


For details, refer to Support on Apple's website (<http://www.info.apple.com/>).

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Copies & Pages Menu

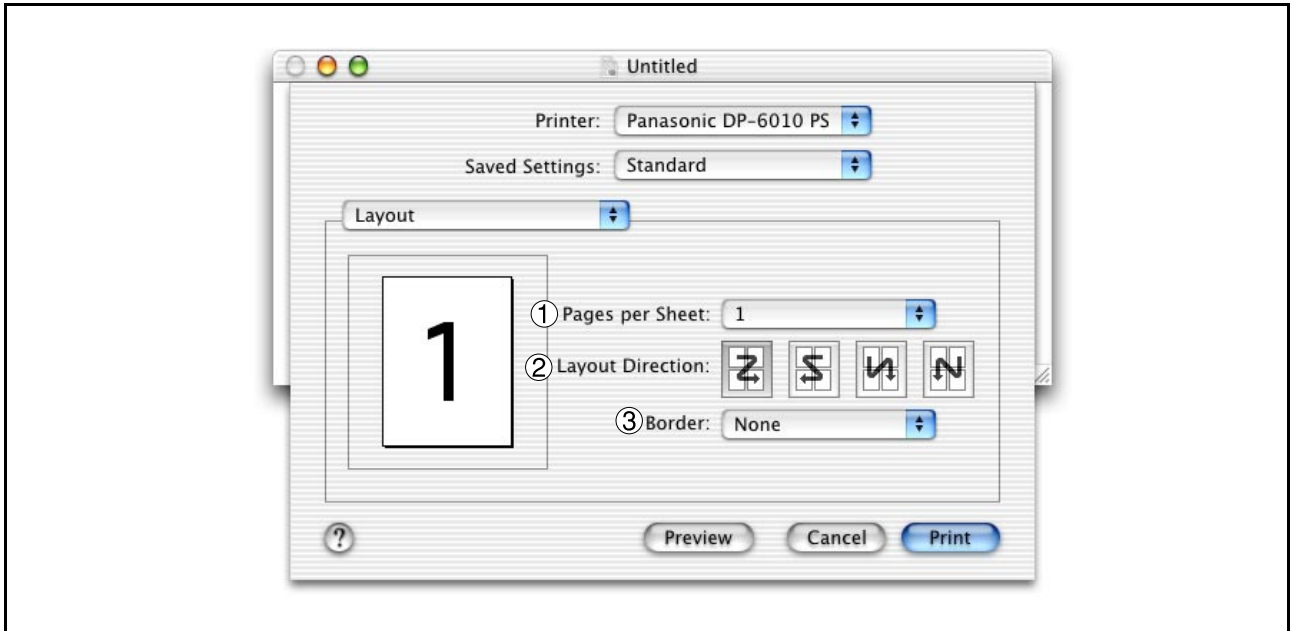


- 1. Copies**
Specify the number of copies to be printed.
- 2. Collated**
This feature is not available on your machine.
- 3. Pages**
Specify the range of printing pages.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Layout Menu

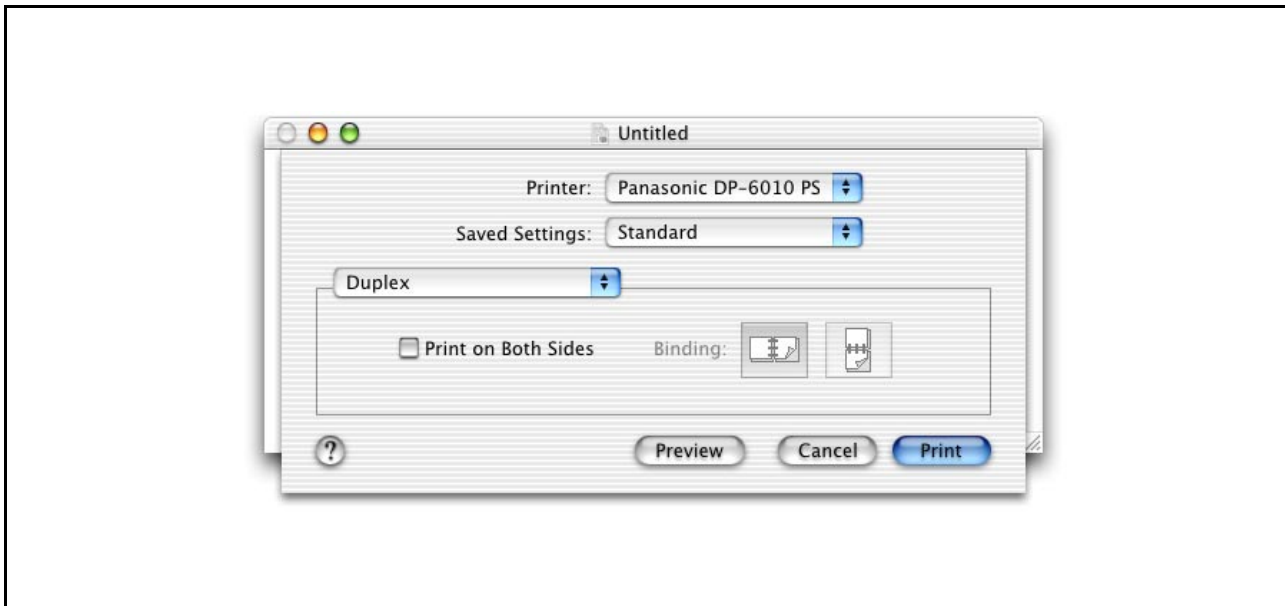


- 1. Pages per Sheet**
Specify the number for printing multiple documents on a single sheet of paper. Select this option to view an example.
- 2. Layout Direction**
Specify the layout direction for printing multiple documents on a single sheet of paper. Select this option to view an example.
- 3. Border**
Specify whether page borders are used when printing multiple documents on a single sheet of paper.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Duplex Menu



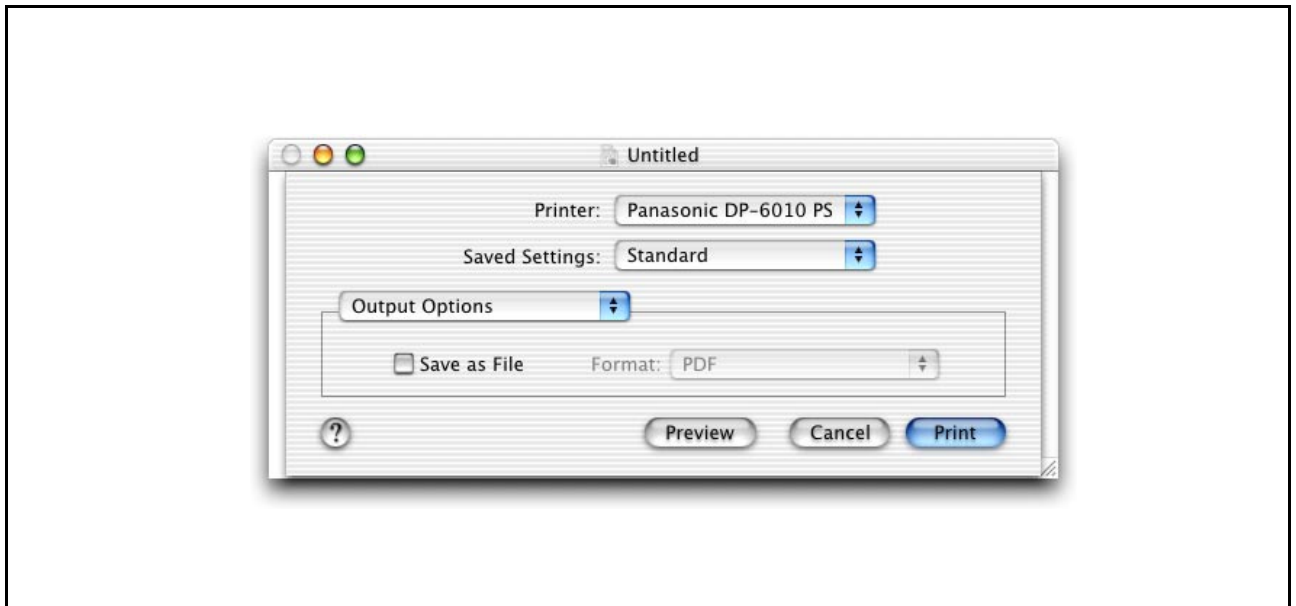
Print on Both Sides / Binding

Specify whether and how the printer should print the document on both sides of the paper.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Output Options Menu



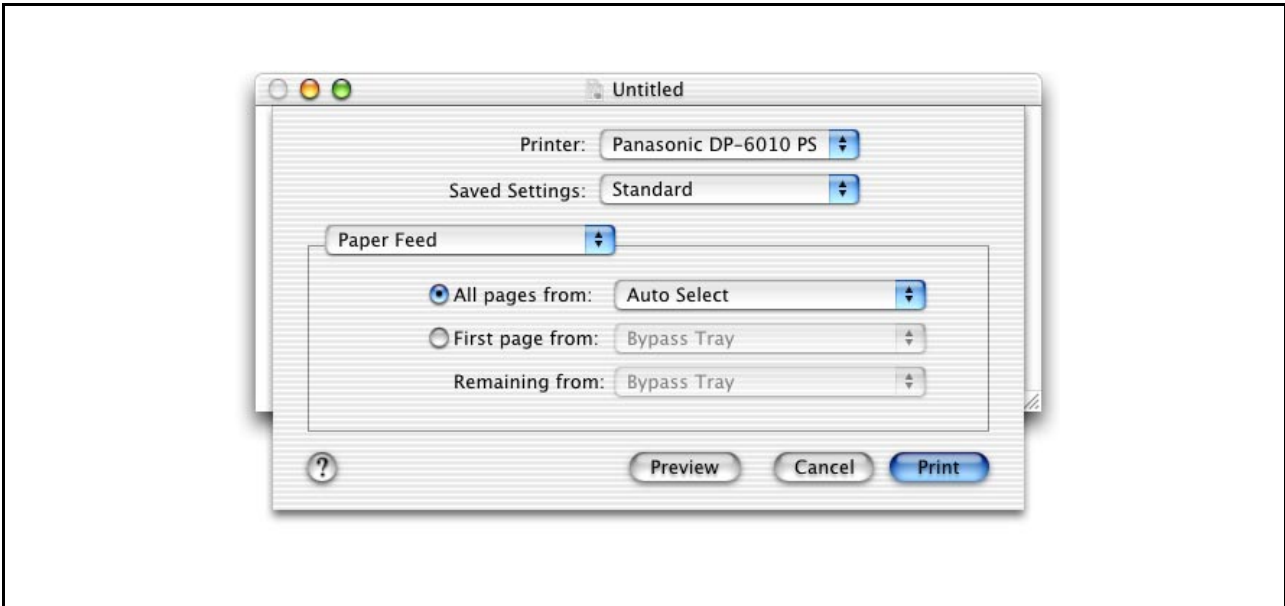
Save as File / Format

Select to save your document as a file. You can specify the file format. The document will not be send to the printer.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Paper Feed Menu



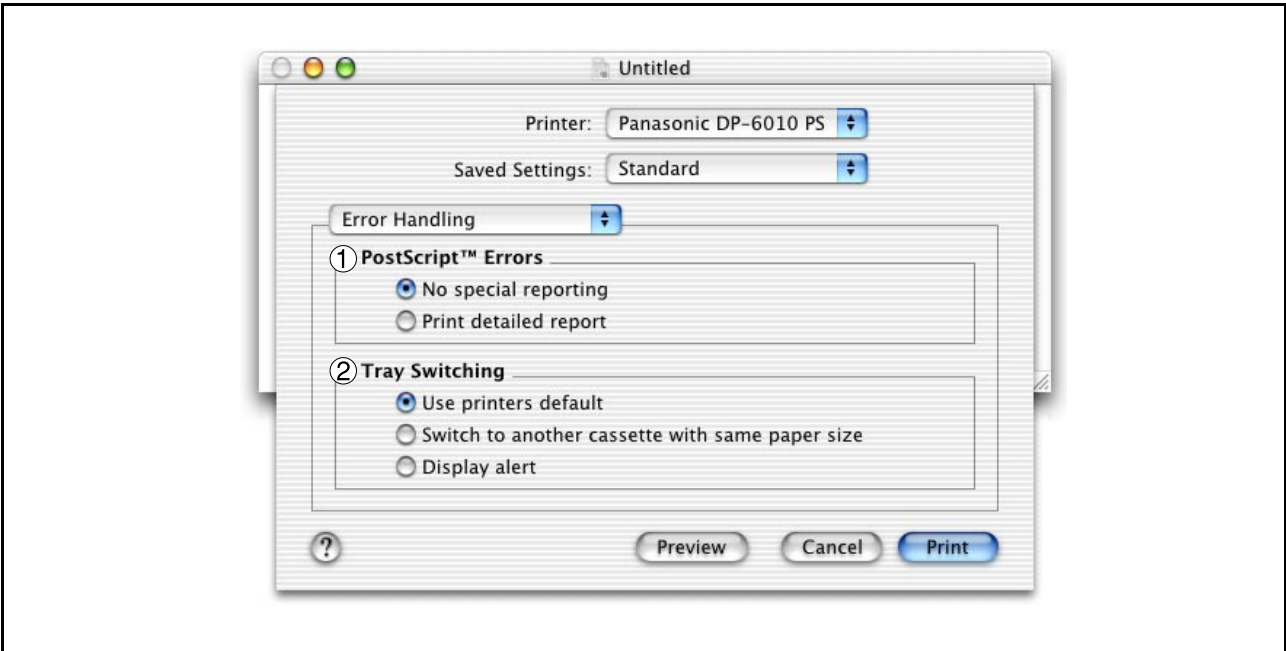
All pages from / First page from

Specify where the paper you want to use is located in the device. If you choose Auto Select, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Error Handling Menu



1. PostScript Errors

Specifies how to send PostScript error information with every document that you print.

2. Tray Switching

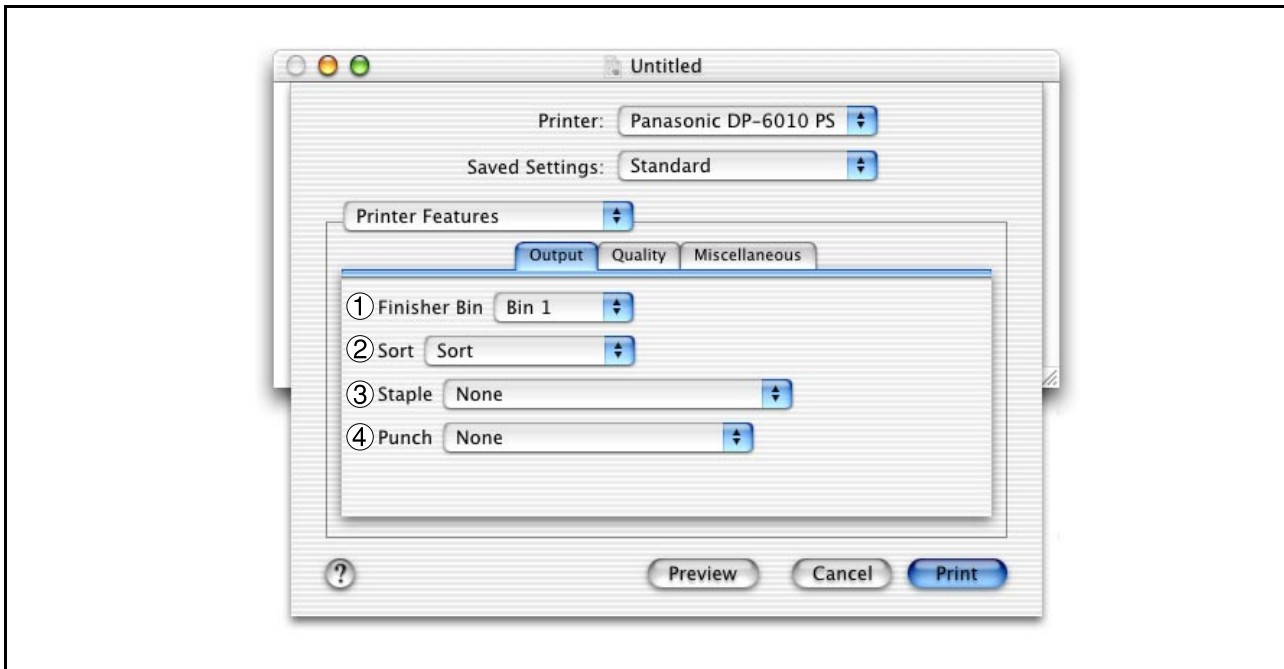
Specify what will happen if paper runs out in the chosen paper tray.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Printer Features Menu

Output Tab:



1. Finisher Bin/Output Tray

Specifies which output bin to use for your printed document. Some printer models have more than one output bin you can use for sorting your documents.

2. Sort

Select whether to Stack or Sort when printing multiple copies.

3. Staple

Select the staple position. Available if the optional Finisher (DA-FS300, FS330, FS355, FS600 or FS605) is installed.

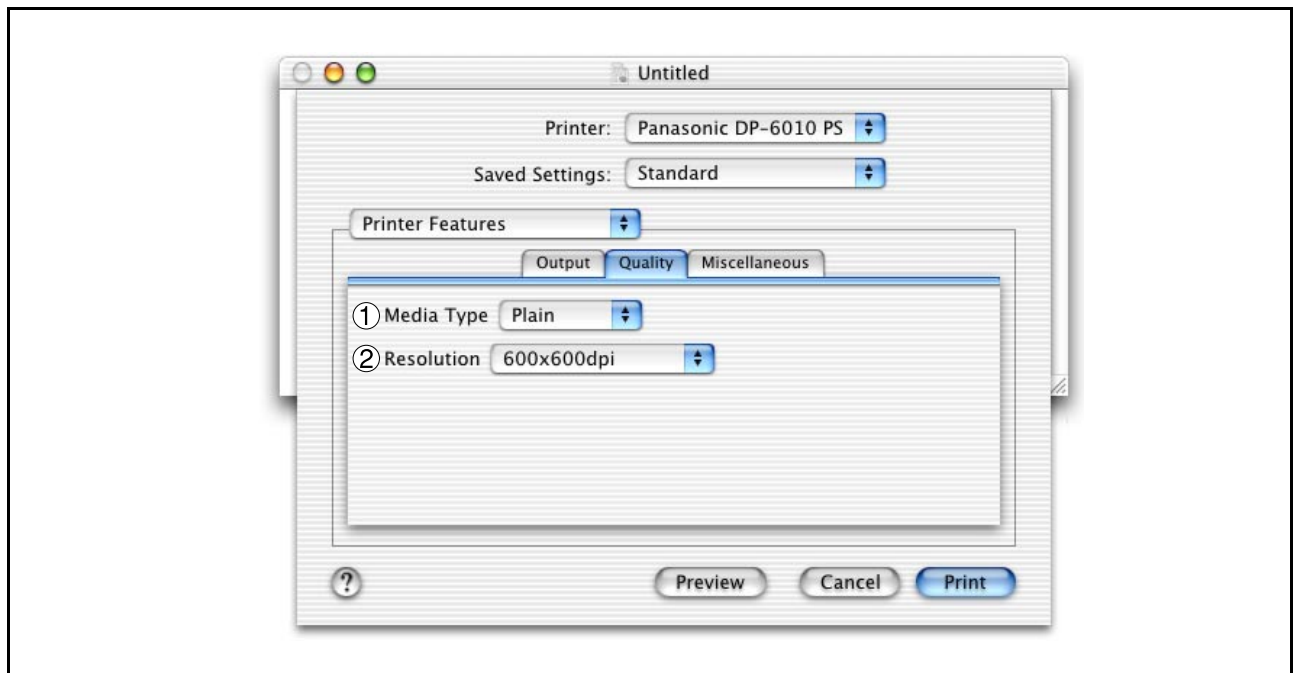
4. Punch (For DP-3510/3520/4510/4520/6010/6020 only)

Select the punch position. Available if the optional Punch Unit is installed.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Quality Tab:



1. Media Type

Select the paper type.

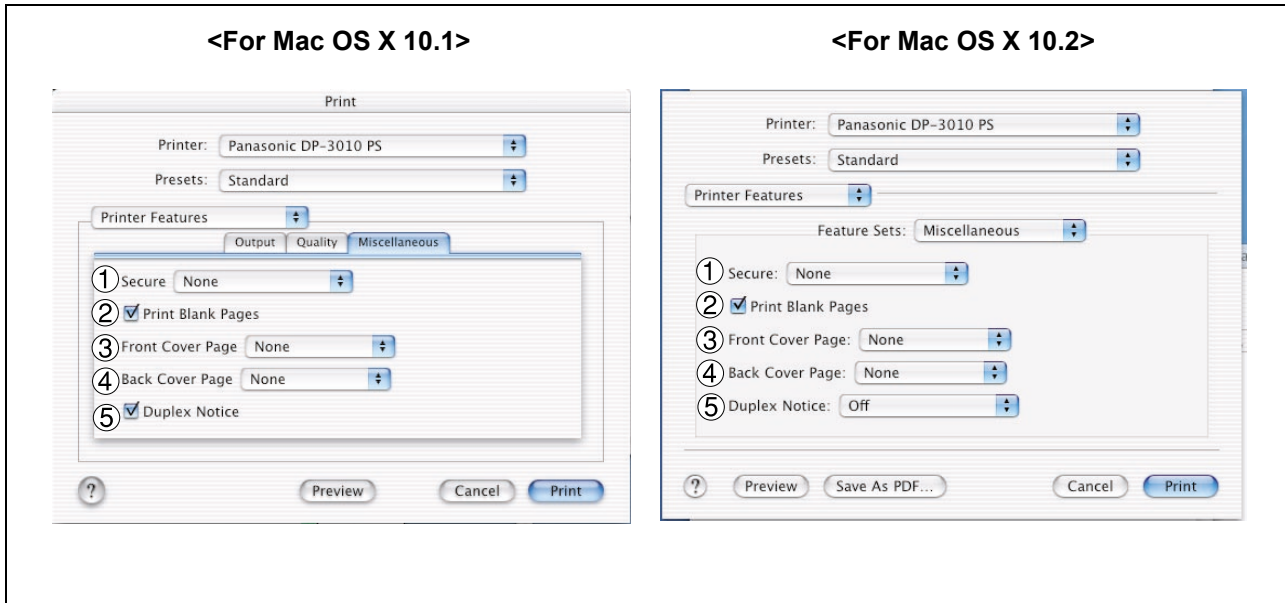
2. Resolution

Select the resolution you want for printing (300dpi/600dpi/1200dpi Enhanced).

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Miscellaneous Tab:



1. Secure

Select the Mailbox or Secure Mailbox if storing the print data into the mailbox of the machine. Available if the optional Hard Disk Drive Unit (DA-HD30/HD60) is installed.

Note: The PS Driver Security Utility must be installed in order to use the user ID password.

2. Print Blank Pages

Select whether the blank pages are printed or not.

3. Front Cover Page

Set to insert a blank page as the Front Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

4. Back Cover Page

Set to insert a blank page as the Back Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

5. Duplex Notice (For DP-2310/3010 only)

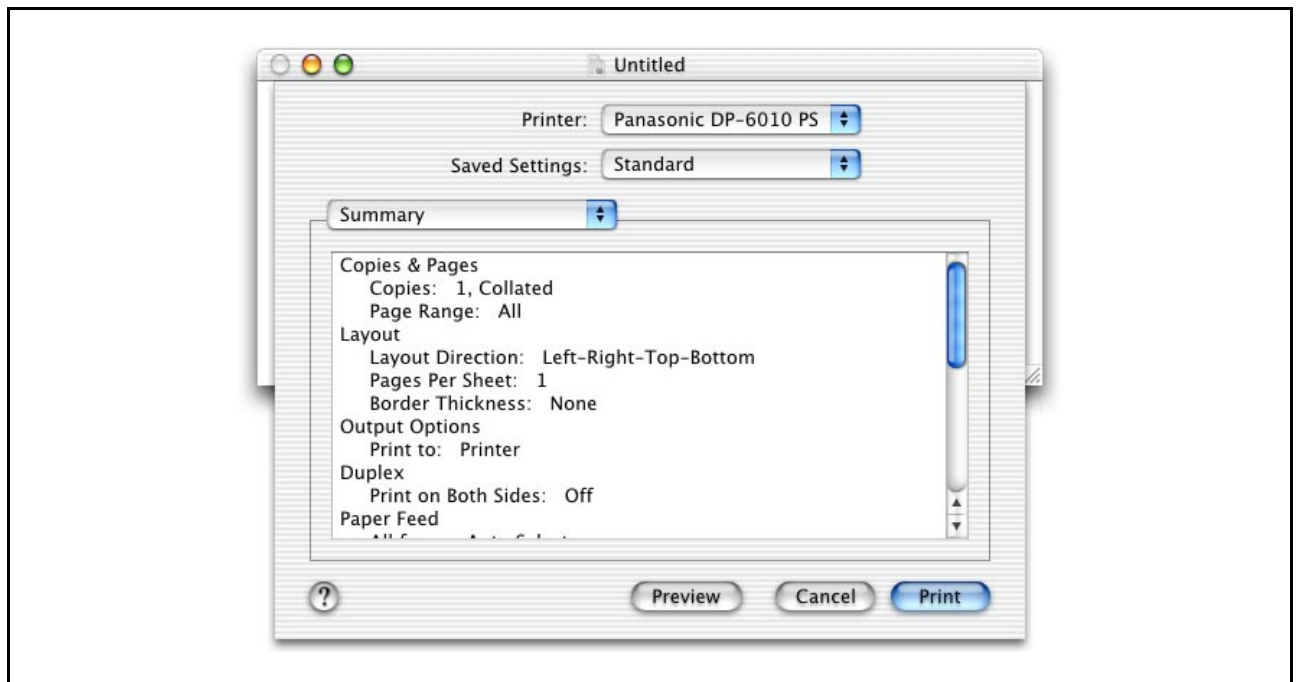
Check whether "2-Sided Print" is printed on the footer of 1st page when printing with 2-Sided Page Style.

Select the binding side (Long Edge/Short Edge) if using on Mac OS X 10.2.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Summary Menu

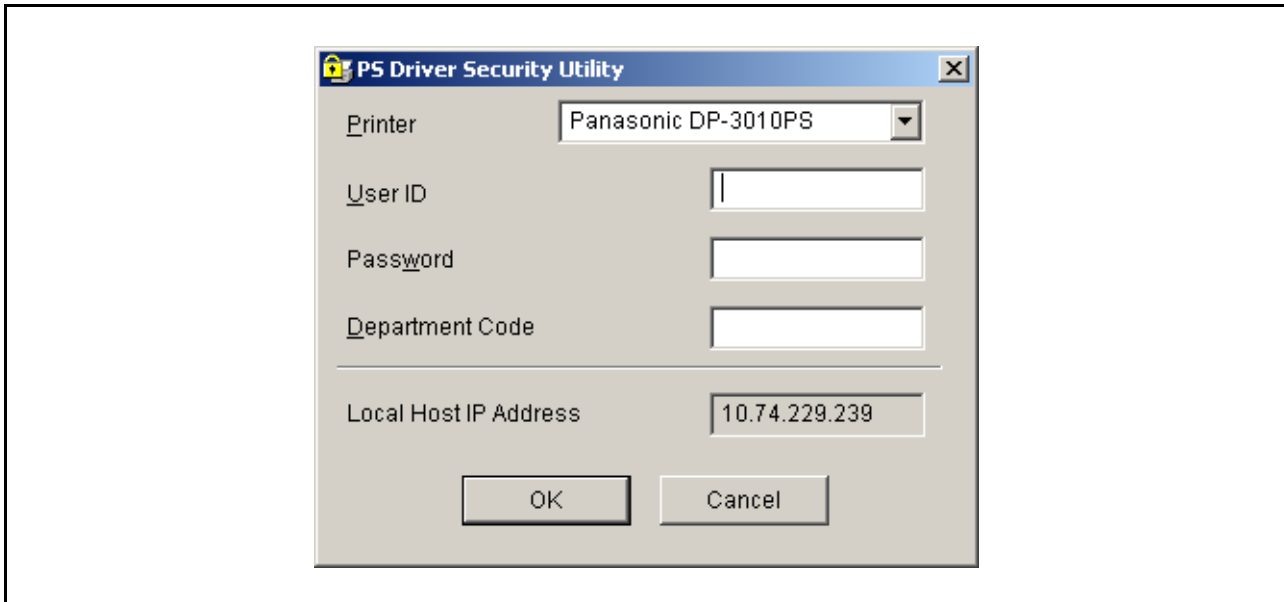


Functions and settings of the printer are displayed.

Configuring the PS Driver Security Utility


Windows 98/Me/NT/2000/XP

Selecting **Panasonic** → **PS Printer Driver** → **PS Driver Security Utility** from Programs on the Start menu.



- **Printer**
Select the printer.
- **User ID**
Input the user ID (8 numbers maximum) to be used for Mailbox or Secure Mailbox.
- **Password**
Input the password (4 numbers) to be used for Secure Mailbox.
- **Department Code**
Input the department code (8 numbers maximum) to be used by the accounting manager.
- **Local Host IP Address**
Displays the IP address where notification of completion is to be sent.
- **OK**
Stores the input values and closes the utility.
- **Cancel**
Cancels the input values and closes the utility.

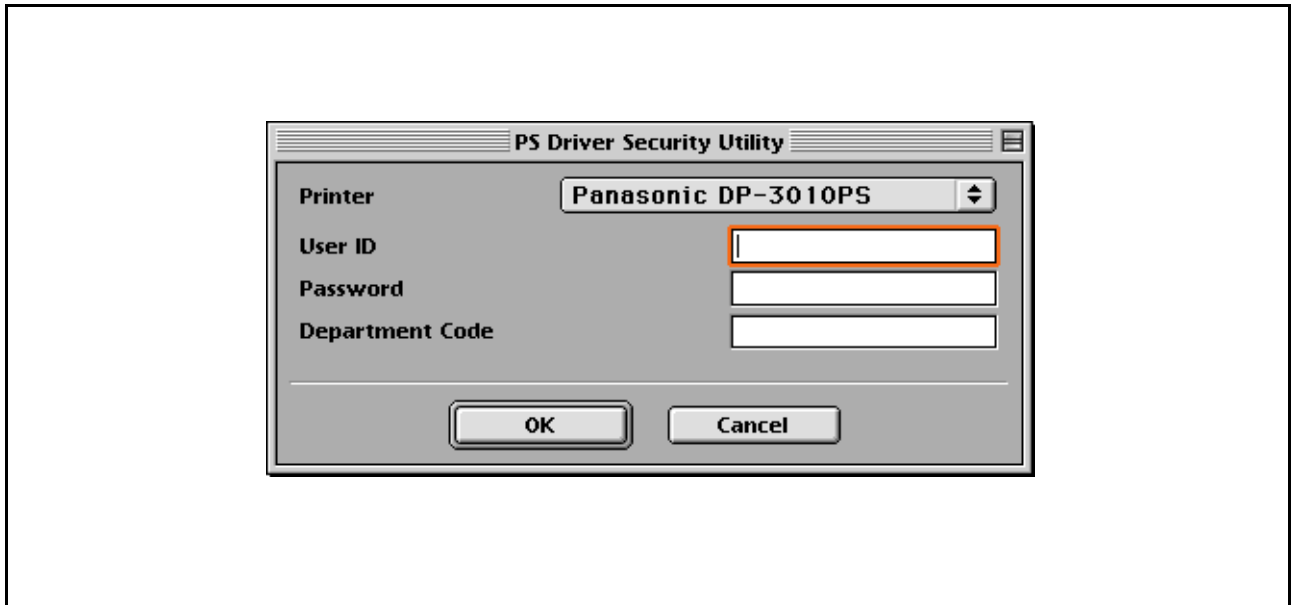
NOTE

1. The department code must be input for customers for which charge management is to be performed using an accounting management application.
2. <For Windows 98/Me users>
When the setup is completed, a message is displayed prompting you to restart your PC. Click the  button to restart your PC.
After rebooting your PC, re-configure the Device Options Tab settings (see page 58) because the default settings are restored.

Configuring the PS Driver Security Utility

Mac OS 8.6/9.x/X

If you are using Mac OS X, use the PS Driver Security Utility to change the setting before adding the printer. If you have already added the printer, delete it, change the setting using the PS Driver Security Utility, then add the printer.



- **Printer**
Select the printer.
- **User ID**
Input the user ID (8 numbers maximum) to be used for Mailbox or Secure Mailbox.
- **Password**
Input the password (4 numbers) to be used for Secure Mailbox.
- **Department Code**
Input the department code (8 numbers maximum) to be used by the accounting manager.
- **OK**
Stores the input values and closes the utility.
- **Cancel**
Cancels the input values and closes the utility.

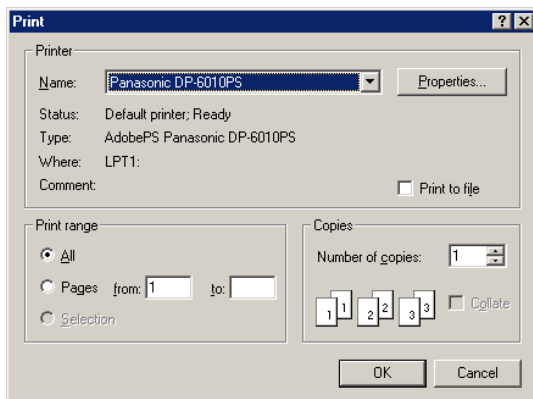
NOTE

1. The department code must be input for customers for which charge management is to be performed using an accounting management application.

Printing from Windows Applications

If the printer driver is installed properly and a printer is selected as the default printer in the printer setup, printing can be accomplished from any Windows application with simple operations.

Printing from most Windows applications, select **File** menu > **Print**, the Print dialog box appears.



• Printing

After selecting the page range to be printed and the number of copies, click the **OK** button to start printing.

While documents are being printed, a printer icon appears in the System Tray near the clock on the bottom right hand corner of the screen. The icon disappears when printing is completed.

You may double-click on the printer indicator in the System Tray to open and verify the details of the print queue in the spooler.

• User Settings

In the Print dialog box, click the **Properties...** button (top-right corner), the printer properties window appears.

The appropriate operating system shows different properties in the window.

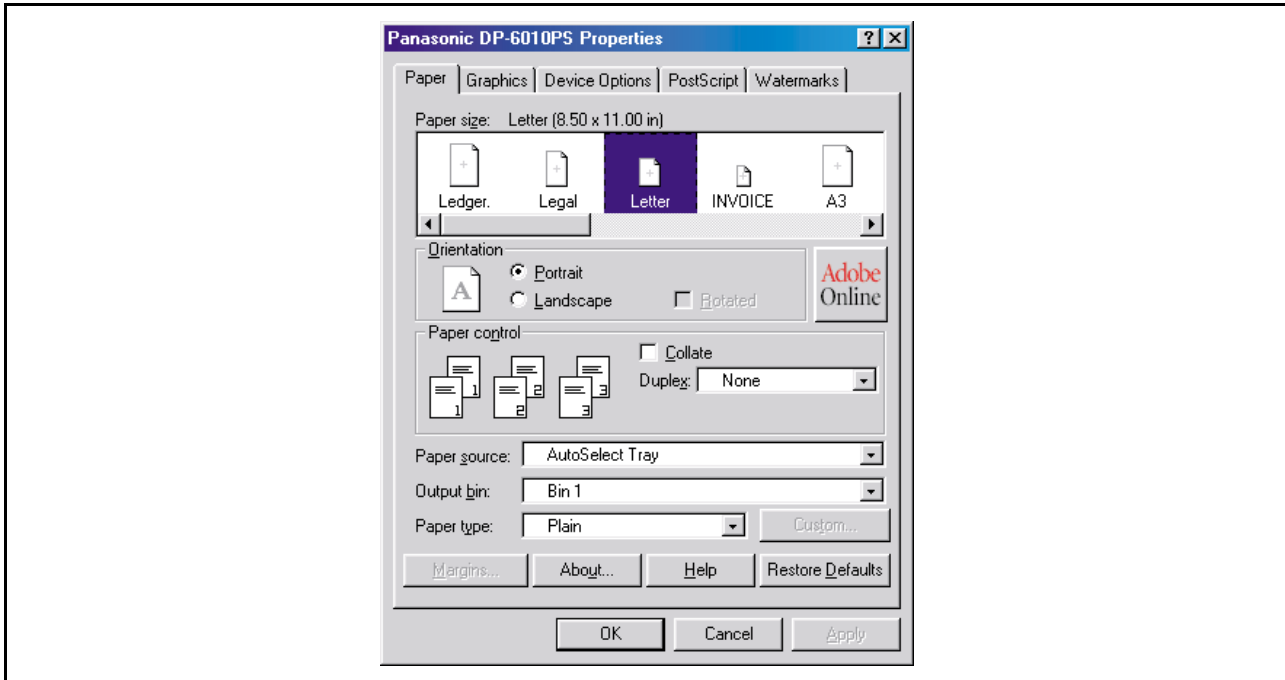
NOTE

1. Follow the steps below to set a default printer:
 - 1) Click the **Start** button and select **Printers** in the **Settings** menu or **Printers Fases** for win XP.
 - 2) Select the printer icon in the window and select **[Set As Default]** in popup menu by right-clicking it. Then the check mark is displayed.

Printing from Windows Applications

Windows 98/Me

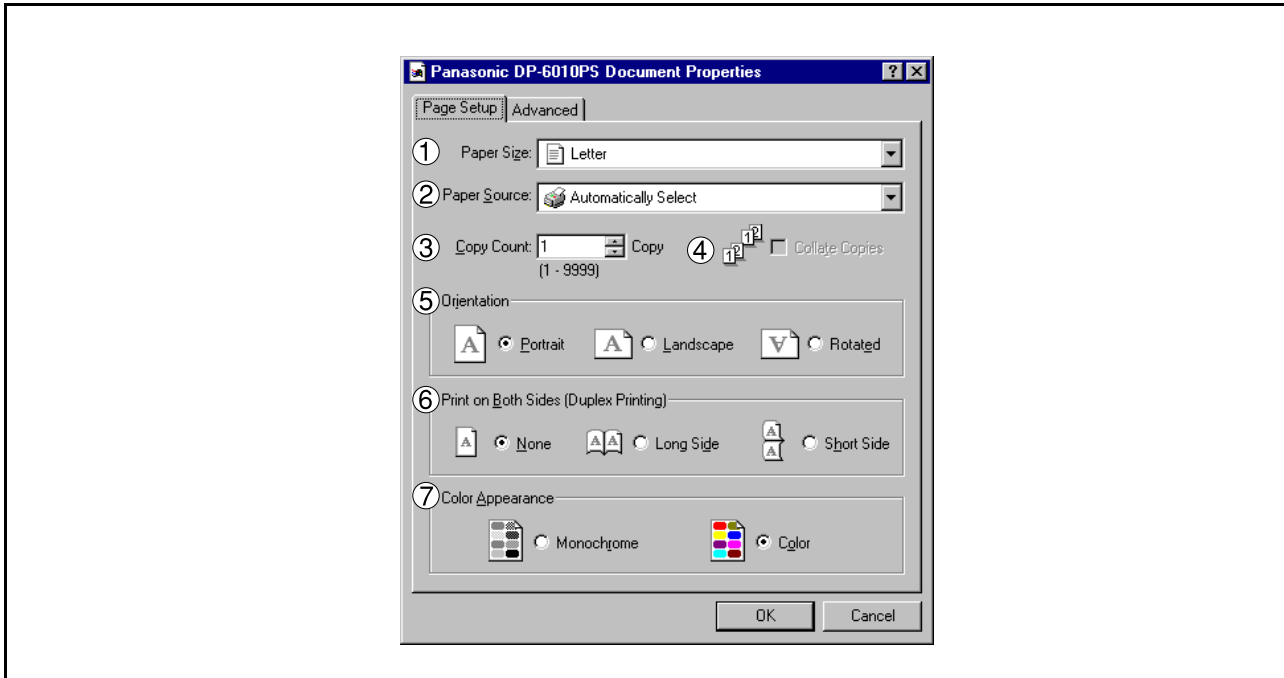
Paper Tab



Refer to "Configuring the Printer Driver Settings" for details on settings (See page 54).

Windows NT 4.0 (User Settings)

Page Setup Tab



1. Paper Size

Select a document size.

2. Paper Source

Specify where the paper you want to use is located in the device. If you choose **Automatically Select**, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

3. Copy Count

Specify the number of copies to be printed.

4. Collate Copies

Select if you wish each set of multiple copies collated when you print them. Otherwise, each page is printed in individual groups.

5. Orientation

Select the print orientation (Portrait/Landscape/Rotated).
(The Rotated output is the same as that of Landscape.)

6. Print on Both Sides (Duplex Printing)

Specify whether and how the printer should print the document on both sides of the paper.

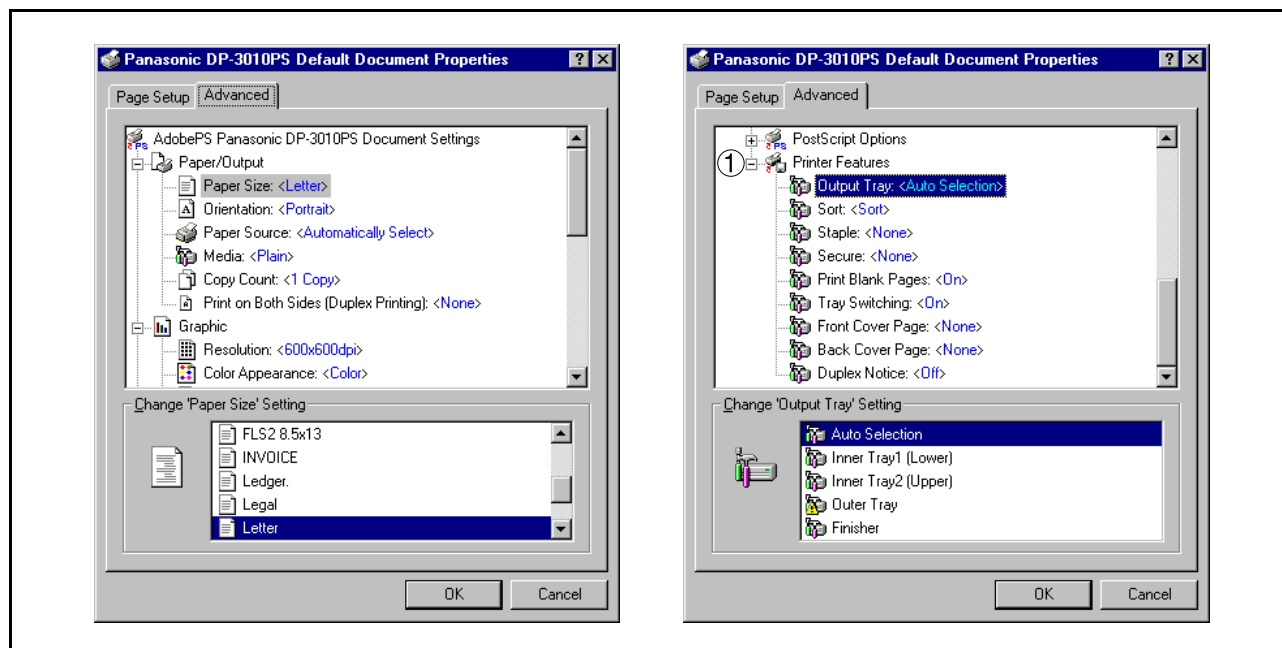
7. Color Appearance

This feature is not available on your machine.

Printing from Windows Applications

Windows NT 4.0 (User Settings)

Advanced Tab



1. Printer Features

• Output Tray

Specifies which output bin to use for your printed document. Some printer models have more than one output bin you can use for sorting your documents.

• Sort

Select whether to Stack or Sort when printing multiple copies.

• Staple

Select the staple position. Available if the optional Finisher (DA-FS300, FS330, FS355, FS600 or FS605) is installed.

• Secure

Select the Mailbox or Secure Mailbox if storing the print data into the mailbox of the machine. Available if the optional Hard Disk Drive Unit (DA-HD30/HD60) is installed.

Note: The PS Driver Security Utility must be installed in order to use the user ID password.

• Print Blank Pages

Select whether the blank pages are printed or not.

• Tray Switching

Allow the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If not selected, the machine will stop if paper runs out in the chosen paper tray.

• Front Cover Page

Set to insert a blank page as the Front Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

• Back Cover Page

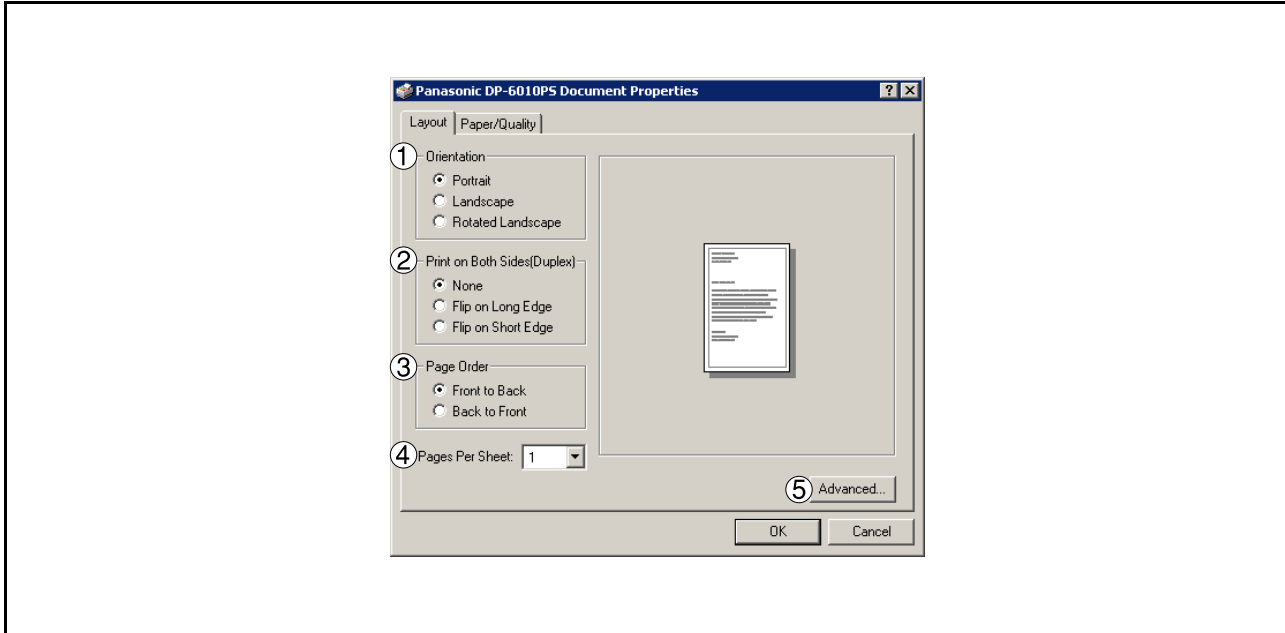
Set to insert a blank page as the Back Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

• Duplex Notice (For DP-2310/3010 only)

Check whether "2-Sided Print" is printed on the footer of 1st page when printing with 2-Sided Page Style.

Windows 2000/XP (User Settings)

Layout Tab



1. Orientation

Select the print orientation (Portrait/Landscape/Rotated).
(The Rotated output is the same as that of Landscape.)

2. Print on Both Sides (Duplex)

Specify whether and how the printer should print the document on both sides of the paper.

3. Page Order

Specify page order when printing multiple pages.

4. Pages Per Sheet

Specify the number for printing multiple documents on a single sheet of paper.

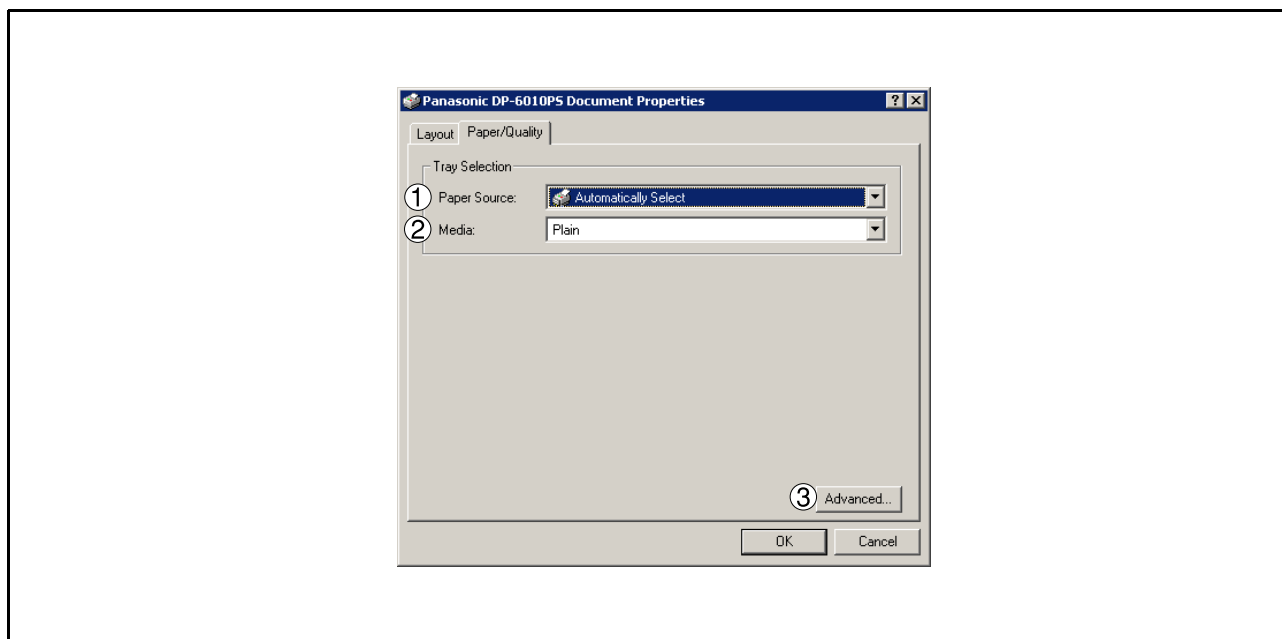
5. **Advanced...** button

Specifies advanced printer settings and options. Refer to "Windows 2000/XP (Administrator Settings)" (See page 77).

Printing from Windows Applications

Windows 2000/XP (User Settings)

Paper/Quality Tab



1. Paper Source

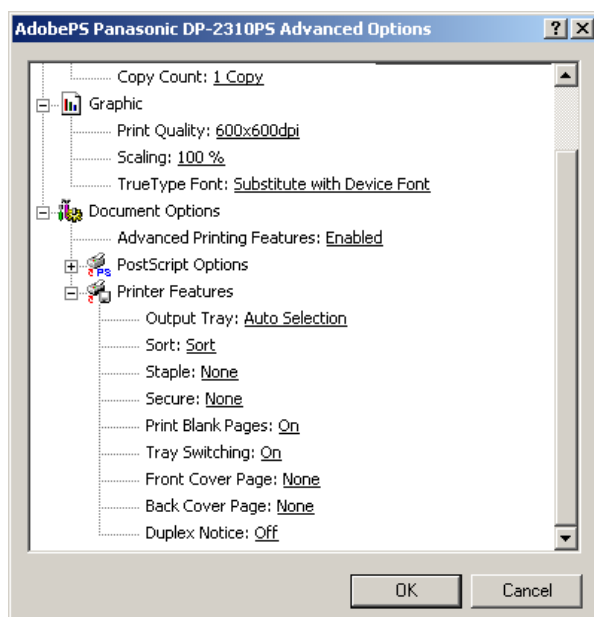
Specify where the paper you want to use is located in the device. If you choose **Automatically Select**, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

2. Media

Select the paper type.

3. button

Specifies advanced printer settings and options.



Windows 2000/XP (User Settings)

<Printer Features>

- **Output Tray**

Specifies which output bin to use for your printed document. Some printer models have more than one output bin you can use for sorting your documents.

- **Sort**

Select whether to Stack or Sort when printing multiple copies.

- **Staple**

Select the staple position. Available if the optional Finisher (DA-FS300, FS330, FS355, FS600 or FS605) is installed.

- **Secure**

Select the Mailbox or Secure Mailbox if storing the print data into the mailbox of the machine. Available if the optional Hard Disk Drive Unit (DA-HD30/HD60) is installed.

Note: The PS Driver Security Utility must be installed in order to use the user ID password.

- **Print Blank Pages**

Select whether the blank pages are printed or not.

- **Tray Switching**

Allow the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If not selected, the machine will stop if paper runs out in the chosen paper tray.

- **Front Cover Page**

Set to insert a blank page as the Front Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

- **Back Cover Page**

Set to insert a blank page as the Back Cover. Specify where the paper you want to use is located in the device. If you choose Auto Tray Selection, the printer driver will automatically select an appropriate tray according to the Paper Size selected.

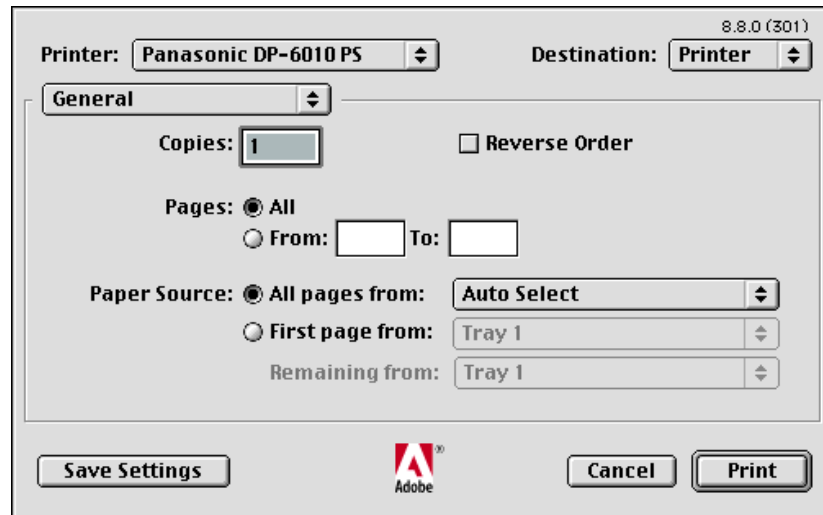
- **Duplex Notice (For DP-2310/3010 only)**

Check whether "2-Sided Print" is printed on the footer of 1st page when printing with 2-Sided Page Style.

Printing from Macintosh Applications

If the printer driver is installed properly, printing can be accomplished from any Macintosh application with simple operations.

Printing from most Macintosh applications, select **File** menu > **Print**, the Print dialog box appears.



- **Printing**

After selecting the page range to be printed and the number of copies, click the **Print** button to start printing.

- **Printer Settings**

In print window, you will see a number of titles in the pop-up menu. Refer to "Configuring the Printer Driver Settings" for printer settings (See page 79).

Printing on Network

For sharing a printer by connecting two computers via a crossover cable or using a hub, a connection among computers must be established.

Establishing a connection among computers can be verified by displaying the connected computers in Network Neighborhood on the desktop.

The settings for printer sharing are specified by performing the following steps:

Printer server (PC connected to a printer)

- 1** Install the printer driver on the computer to be connected to the machine.
- 2** Click the **Start** button, select **Settings**, and then click **Printers**.
- 3** Right-click on the desired printer icon and select **[Sharing...]** in the popup menu.
- 4** Select **Shared As** in the properties dialog box.
- 5** Click the button.

Upon completion of the setting, the shape of the icon changes indicating that the printer is shared.

NOTE

1. Refer to the manual for the network card and Windows users' guide for connections among computers.
2. On Windows 98/Me, a computer connected to a printer must be set up to allow printer sharing by performing the following operations:
 - 1) Double-click on **Network** in control panel, and then click button in the **Network Configuration** tab.
 - 2) Check **[I want to be able to allow others to print to my printer(s).]** in the File and Print Sharing dialog box.

Printing on Network

Remote (PC that uses another computer's printer)

- 1** Click the **Start** button, select **Settings**, and then click **Printers**.
- 2** Double-click **Add Printer** in the printers folder. Add Printer Wizard appears.
Click the button.
- 3** Select **Network Printer**.
Click the button.
- 4** Specify the other computer's printer by entering the network path.

Then, complete the installation following instructions of the Add Printer Wizard.

The operations above enables output from the remote computer to a printer connected to the printer server.

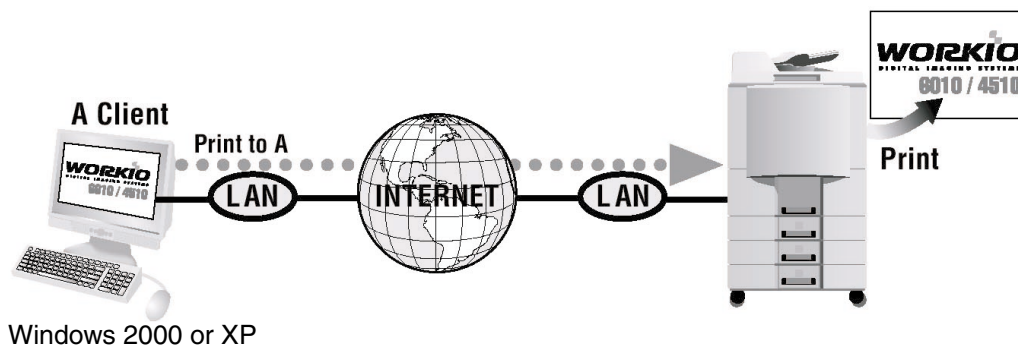
Internet Printing Protocol (IPP) Printing

General Description

Prints documents from a machine located in a remote area via the Internet without its access being blocked by a proxy server. This feature is only available on the Windows 2000 or XP.

Compatible Models

- DP-3510/3520/4510/4520/6010/6020 with PCL Printer Module (DA-PC600/PC601) or PS Printer Module (DA-MC600/601)
- DP-2310/3010 with PCL Printer Module (DA-PC300) or PS Printer Module (DA-MC300)



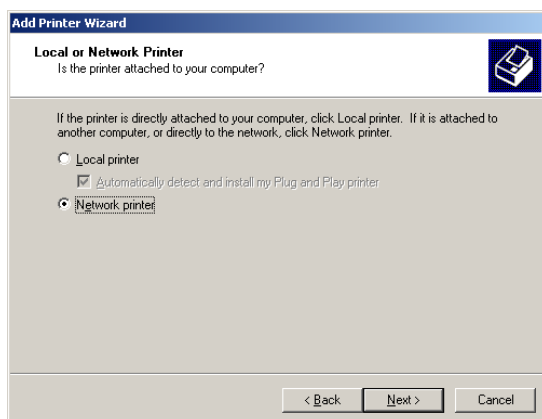
Setting the IPP Printing

1

Verify whether your PC is connected to the Internet or to the Intranet.

Open the **Add Printer Wizard**.

2



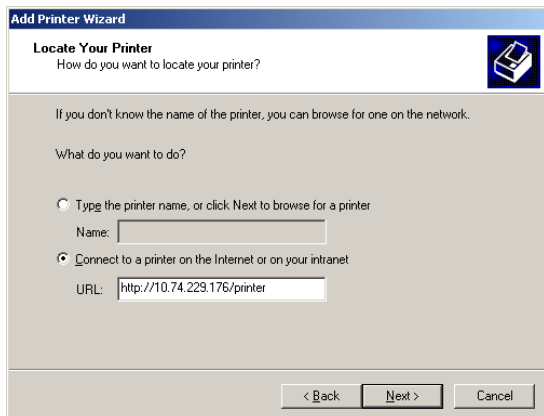
Select the **Network printer** and click the

Next button.

Internet Printing Protocol (IPP) Printing

Setting the IPP Printing

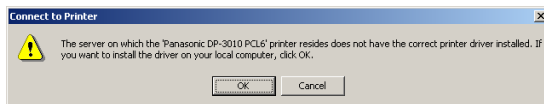
3



Select the **Connect to a printer on the Internet or on your Intranet** and type the IP address of the remote machine and **/printer** in the URL window. (e.g. http://10.74.229.176/printer)

Click the **Next** button.

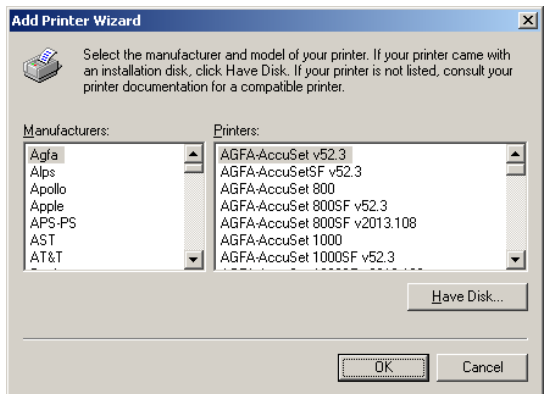
4



Click the **OK** button if this message is shown.

If not, skip to Step 11.

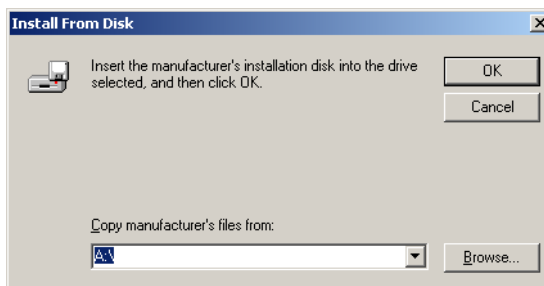
5



1. Insert the CD-ROM included with the Option.

2. Click the **Have Disk...** button

6



Click the **Browse...** button.

(DP-2310/3010)

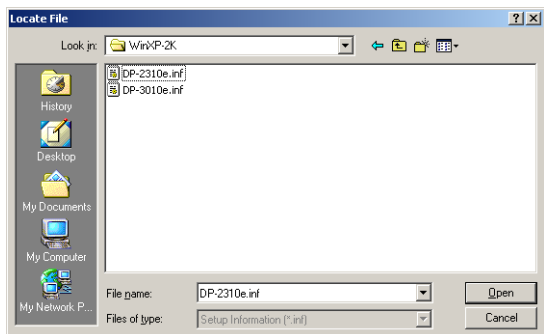
D:\English\PCL\Driver\Para&Net\WinXP-2K

(DP-3510/3520/4510/4520/6010/6020)

D:\English\PCL\Driver\WinXP-2K

(where "D" is your CD-ROM drive).

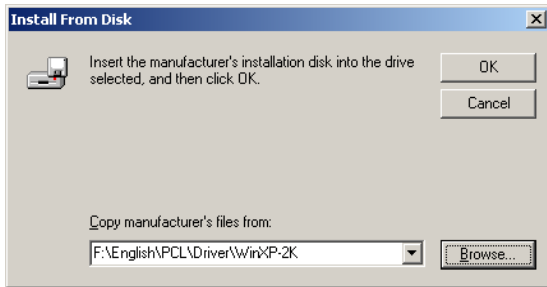
7



Click the **Open** button.

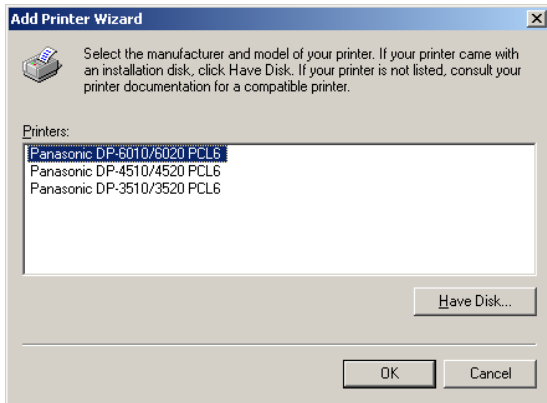
Setting the IPP Printing

8



Click the button.

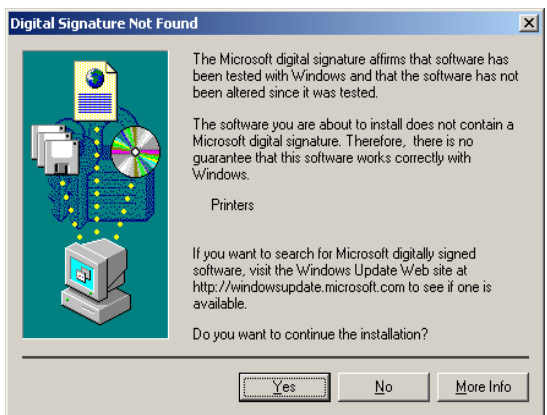
9



Select the remote machine.

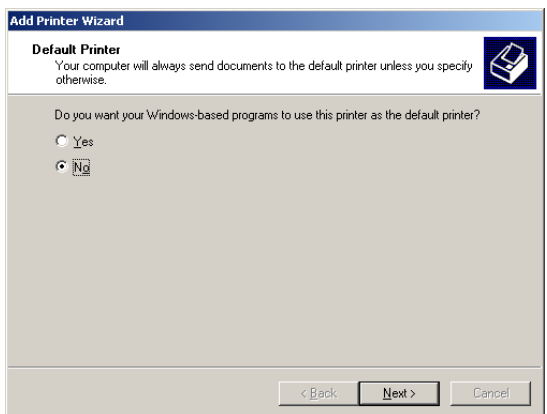
Click the button.

10



Click the button.

11



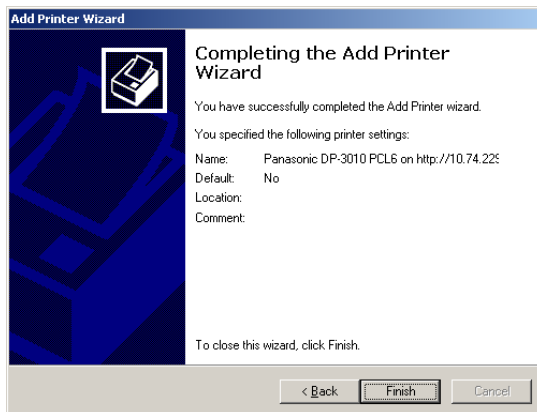
Select **Yes** if you would like to change your current default printer and click the button.

Continued on the next page...

Internet Printing Protocol (IPP) Printing

Setting the IPP Printing

12



Click the button.

The IPP Printer Driver has been installed, and the Printer icon has been added to the Printer folder.

IPX-SPX Setup Wizard

Windows 98/Me/NT/2000/XP

If you wish to use your machine as a printer on the NetWare environment, install the set-up utility first using the Custom installation menu. (See page 5).

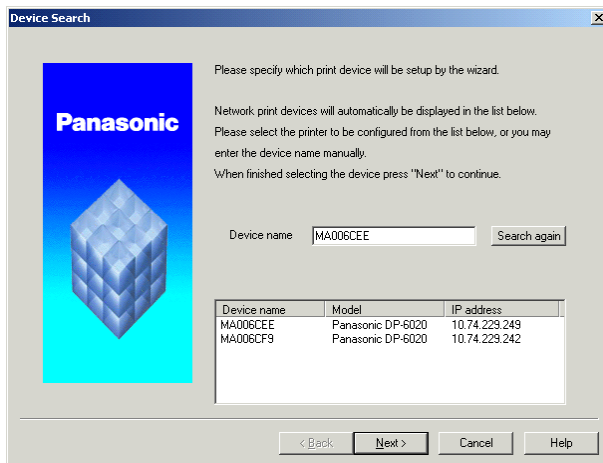
Compatible Models

- DP-3520/4520/6020 with IPX/SPX Printer Module (DA-GC601, PC601, MC601)

Note: DA-GC601 is not available in the USA and Canada.

Select **Panasonic** → **Panasonic Document Management System** → **IPX-SPX Setup Wizard** from **Programs** on the **Start** menu to activate the utility. To configure your PC for the NetWare environment, follow the procedure below:

1

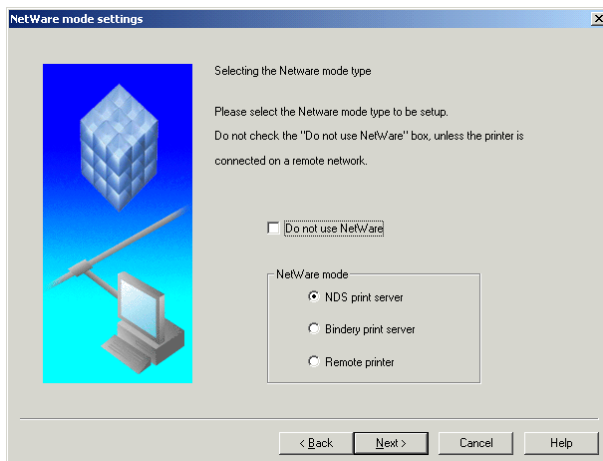


The machine(s) that are available on the NetWare environment are shown on the list.

Select the desired machine and click the

Next button.

2

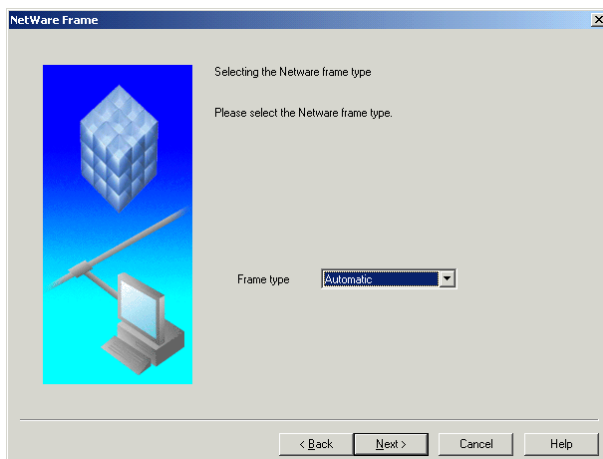


Make sure that the **Do not use NetWare** is not selected.

Select the desired **NetWare mode** and click the **Next** button.

1. **NDS print server**
2. **Bindery print server**
3. **Remote printer**

3



Select the **Frame type** and click the **Next** button.

1. **Automatic**
2. **IEEE 802.2**
3. **IEEE 802.3**
4. **ETHERNET II**
5. **IEEE SNAP**

Continued on the next page...

IPX-SPX Setup Wizard

Windows 98/Me/NT/2000/XP

4a

NDS print server settings

Configuring the NDS print server

Enter the "Tree" name and "Context" for which the print server will log in to. The "Print server name", "Password", and "Printer port name" will be set arbitrarily.

Tree:

Context:

Print server name:

Print server password:

Printer port name:

< Back Next > Cancel Help

<For NDS print server>

Set the **Tree**, **Context**, **Print server name**, **Printer server password** and **Print port name** for the NDS Printer Server and click the button.

Note: Logon to the NetWare using an account with administrator rights.

NDS print queue settings

Configuring the print queue

Please enter a name to be used for the Print Queue.

Context:

Print queue name:

< Back Next > Cancel Help

Enter the **Print queue name** and click the button.

NDS queue volume settings

Setting the queue volume

Enter the "Queue volume" name in the box below.

Context:

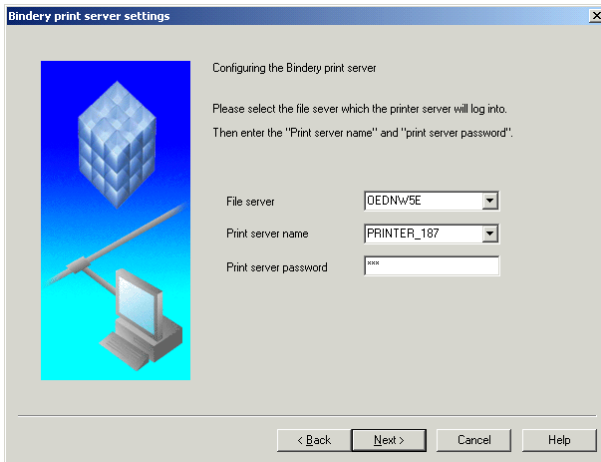
Queue volume:

< Back Next > Cancel Help

Enter the **Queue volume** and click the button.

Windows 98/Me/NT/2000/XP

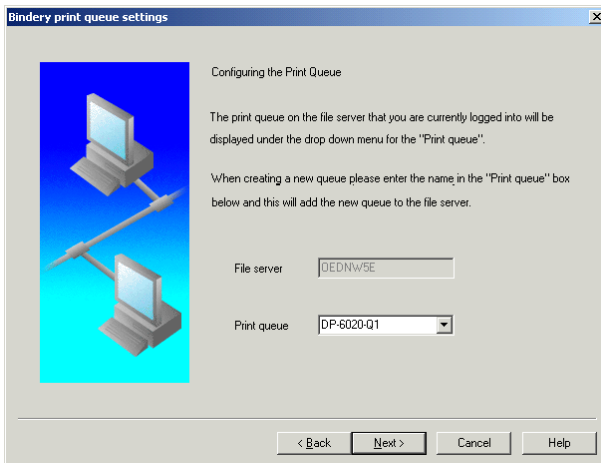
4b



<For Bindery print server>

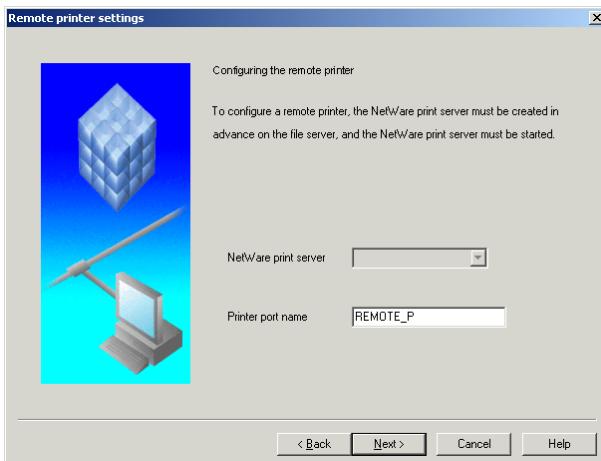
Set the **File server**, **Print server name** and **Print server password** for the Bindery print server and click the button.

Note: Logon to the NetWare using an account with administrator rights.



Enter the **Print queue** and click the button.

4c



<For Remote printer>

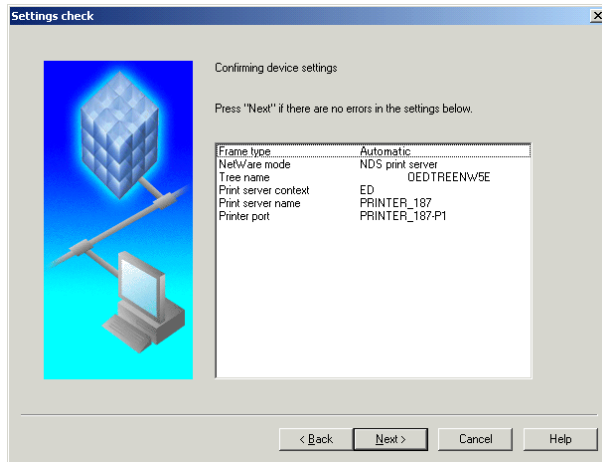
Set the **Printer port name** for the Remote printer and click the button.

Continued on the next page...

IPX-SPX Setup Wizard

Windows 98/Me/NT/2000/XP

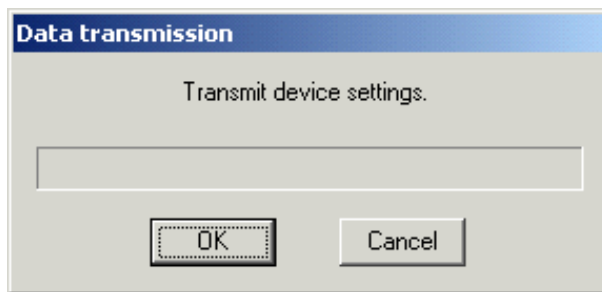
5



The settings are shown on the list.

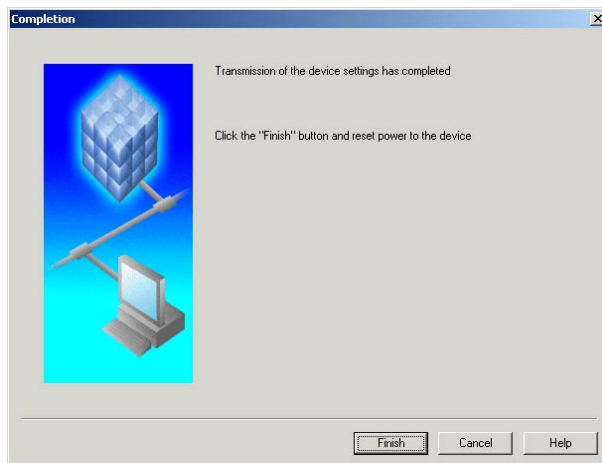
Click the button.

6



Click the button to apply the settings.

7



Click the button.

Printing Operation Fails

If the printing operation fails, check the following items first:

- The connection cable (Parallel Printer Cable or Ethernet LAN Cable) is properly connected.
- Power of the device is turned ON.
- Paper is loaded properly in the device.
- An error message is not displayed on the device.

The above points can be verified by printing a test page. Refer to the following for procedures on test page printing:

Windows 98/Me [General Tab] (See page 50)

Windows NT 4.0 [General Tab] (See page 64)

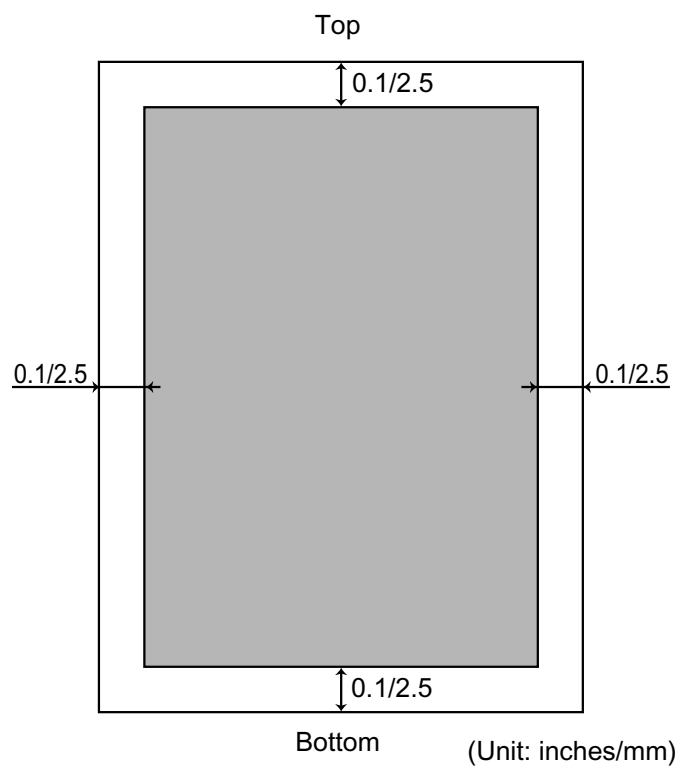
Windows 2000/XP [General Tab] (See page 71)

Troubleshooting

Document is Not Printed Correctly

Problem	Solution
Characters are not printed in the correct positions or the characters near the edges of the page are missing.	<ul style="list-style-type: none">• Check and specify the paper size and orientation settings in the printer driver to coincide with the application.• The characters are outside the printing area of the machine.
The font type is wrong.	<ul style="list-style-type: none">• Check if the selected font is installed on the PC.
Printing stops in the middle of the run.	<ul style="list-style-type: none">• Check if there is any problem on the network.
Although print data is transferred to the digital copier, it does not print.	<ul style="list-style-type: none">• Make sure the printer is on line.

Printing Area



Appendix

Font Table

No.	Symbol Set
1	Albertus ‡
2	Albertus Italic ‡
3	Albertus Light ‡
4	AntiqueOlive Bold §
5	AntiqueOlive Compact §
6	AntiqueOlive Italic §
7	AntiqueOlive Roman §
8	Apple Chancery Ɱ
9	Arial ‡
10	Arial Bold ‡
11	Arial Bold Italic ‡
12	Arial Italic ‡
13	ITC AvantGarde Gothic Book °
14	ITC AvantGarde Gothic Book Oblique °
15	ITC AvantGarde Gothic Demi °
16	ITC AvantGarde Demi Oblique °
17	Bodoni
18	Bodoni Bold
19	Bodoni Bold Italic
20	Bodoni Italic
21	Bodoni Poster
22	Bodoni Poster Compressed
23	ITC Bookman Demi °
24	ITC Bookman Demi Italic °
25	ITC Bookman Light °
26	ITC Bookman Light Italic °
27	Carta •
28	Chicago Ɱ
29	Clarendon †
30	Clarendon Bold †
31	Clarendon Light †
32	CooperBlack
33	CooperBlack Italic
34	Copperplate Gothic 33BC
35	Copperplate Gothic 32BC
36	Coronet ••
37	Courier
38	Courier Bold
39	Courier Bold Oblique
40	Courier Oblique

Font Table

No.	Symbol Set
41	Eurostile **
42	Eurostile Bold **
43	Eurostile Bold Extended Two **
44	Eurostile Extended Two **
45	Geneva ☐
46	GillSans ‡
47	GillSans Bold ‡
48	GillSans Condensed Bold ‡
49	GillSans Bold Italic ‡
50	GillSans Condensed ‡
51	GillSans Extra Bold ‡
52	GillSans Italic ‡
53	GillSans Light ‡
54	GillSans Light Italic ‡
55	Goudy Oldstyle
56	Goudy Bold
57	Goudy Bold Italic
58	Goudy ExtraBold
59	Goudy Oldstyle Italic
60	Helvetica †
61	Helvetica Bold †
62	Helvetica Bold Oblique †
63	Helvetica Condensed †
64	Helvetica Condensed Bold †
65	Helvetica Condensed Bold Oblique †
66	Helvetica Condensed Oblique †
67	Helvetica Narrow †
68	Helvetica Narrow Bold †
69	Helvetica Narrow Bold Oblique †
70	Helvetica Narrow Oblique †
71	Helvetica Oblique †
72	HoeflerText Black ☐
73	HoeflerText Black Italic ☐
74	HoeflerText Italic ☐
75	HoeflerText Ornaments ☐
76	HoeflerText ☐
77	Joanna ‡
78	Joanna Bold ‡
79	Joanna Bold Italic ‡
80	Joanna Italic ‡
81	LetterGothic

Continued on the next page...

Appendix

Font Table

No.	Symbol Set
82	LetterGothic Bold
83	LetterGothic Bold Slanted
84	LetterGothic Slanted
85	ITC Lubalin Graph Book °
86	ITC Lubalin Graph Book Oblique °
87	ITC Lubalin Graph Demi °
88	ITC Lubalin Graph Demi Oblique °
89	Marigold °
90	ITC Mona Lisa Recut °
91	Monaco ☐
92	New Century Schoolbook Bold †
93	New Century Schoolbook Bold Italic †
94	New Century Schoolbook Italic †
95	New Century Schoolbook Roman †
96	NewYork ☐
97	Optima †
98	Optima Bold †
99	Optima Bold Italic †
100	Optima Italic †
101	Oxford °
102	Palatino Bold †
103	Palatino Bold Italic †
104	Palatino Italic †
105	Palatino Roman †
106	Stempel Garmond Bold †
107	Stempel Garmond Bold Italic †
108	Stempel Garmond Italic †
109	Stempel Garmond Roman †
110	ITC Symbol °
111	Tekton •
112	Times Bold †
113	Times Bold Italic †
114	Times Italic †
115	Times Roman †
116	Times New Roman ‡
117	Times New Roman Bold ‡
118	Times New Roman Bold Italic ‡
119	Times New Roman Italic ‡
120	Univers †
121	Univers Bold †
122	Univers Bold Oblique †

Font Table

No.	Symbol Set
123	Univers Oblique †
124	Univers Light †
125	Univers Light Oblique †
126	UniversCondensed †
127	UniversCondensed Bold †
128	UniversCondensed Bold Oblique †
129	UniversCondensed Oblique †
130	UniversExtended †
131	UniversExtended Bold †
132	UniversExtended Bold Oblique †
134	UniversExtended Oblique †
135	Wingdings ~
136	ITC ZapfChancery MediumItalic °
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