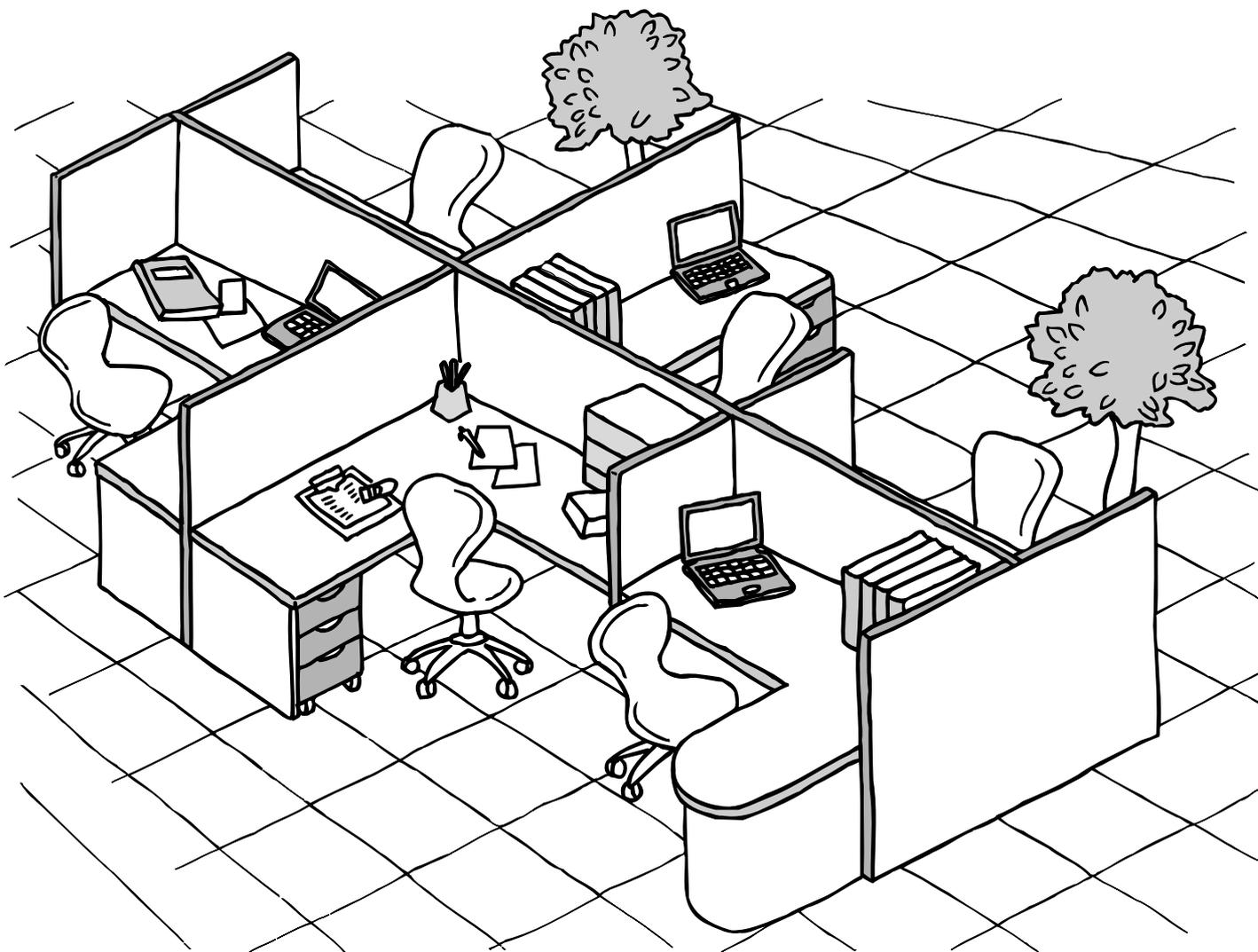


Panasonic®

Software Operating Instructions (For Panasonic Printing System PostScript3)

Model No. DP-3510/4510/6010



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

English

Before Use

Printer Section

Troubleshooting

Appendix

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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 is described in the Machine's Operating Instructions.
 1. Installation
 2. Ventilation
 3. Handling
 4. Toner and Paper
 5. For your safety

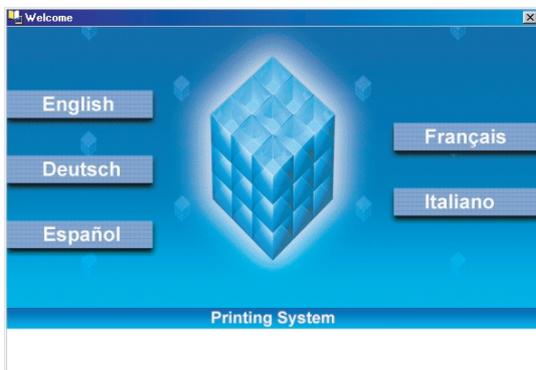
Installing the Printer Driver

Windows 98/Me/NT/2000/XP

1

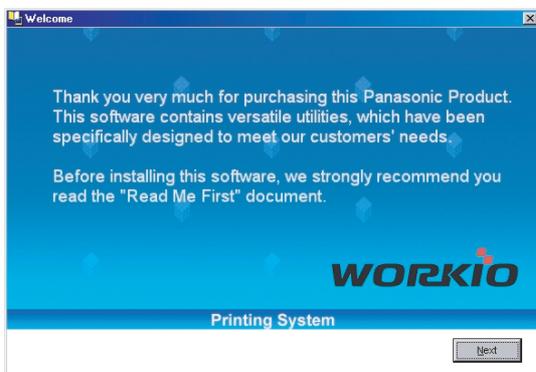
Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive.

2



Select the desired language.

3



The setup message will appear.

Click the button.

4

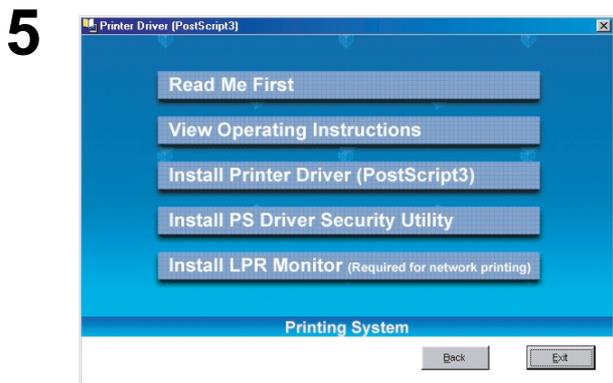


Click **Printer Driver (PostScript3)**.

Continued on the next page...

Installing the Printer Driver

Windows 98/Me/NT/2000/XP



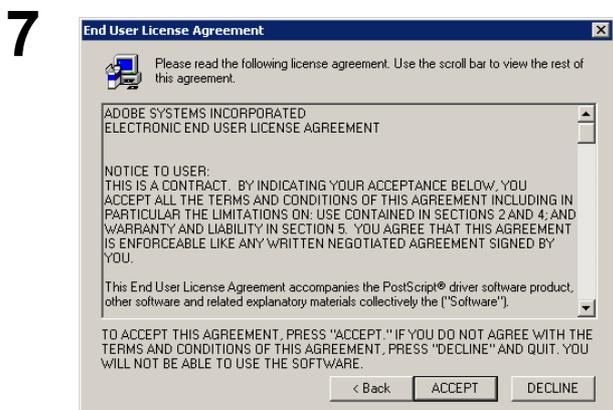
Note for Windows 98/Me users:
If your computer does not have the LPR Port Monitor installed, please proceed to "Installing the LPR Monitor" on page 16 before continuing this installation.

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

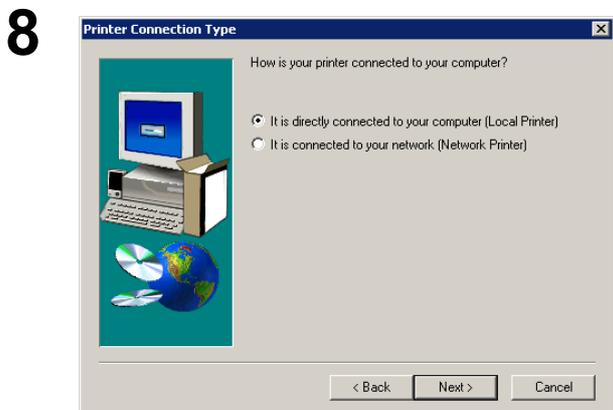


The setup wizard will start.

Click the **Next** button.



Read the license agreement, then click the **ACCEPT** button.

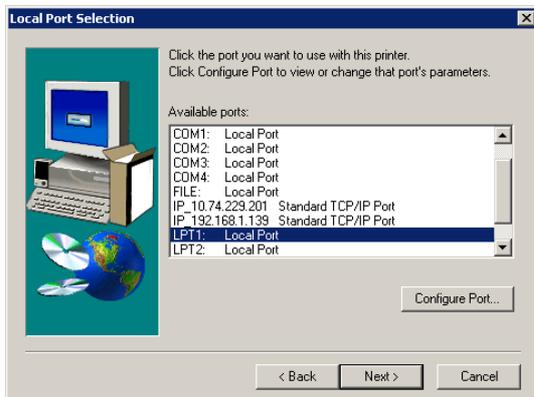


Select **Local Printer**, then click the **Next** button.

Installing the Printer Driver

Windows 98/Me/NT/2000/XP

9

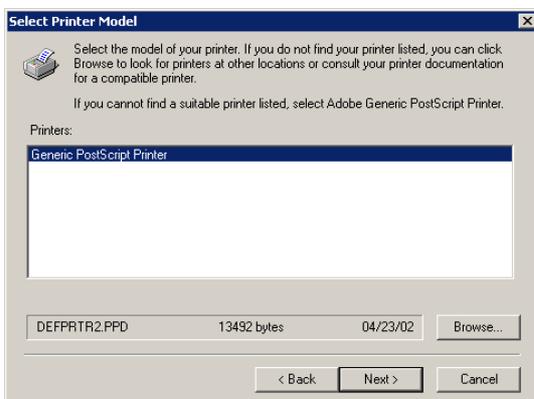


Select a printer port, normally **LPT1** for local printers.

Click the button.

(See Note 2 on page 9)

10

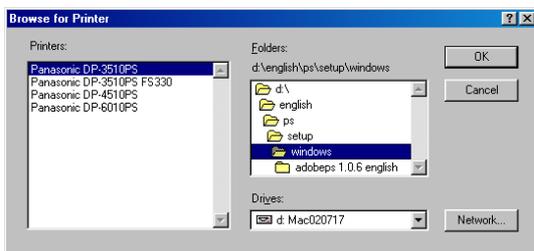


The **Select Printer Model** window appears.

Click the button.

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

11



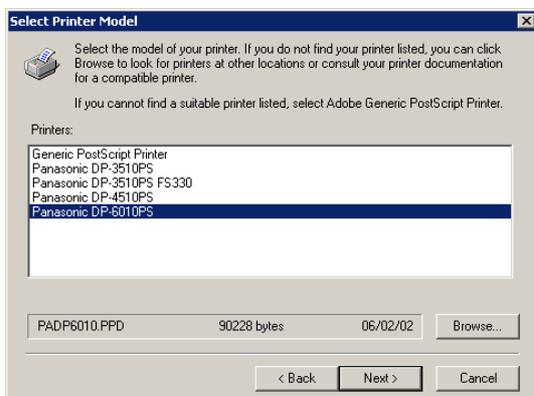
The **Browse for Printer** window appears.

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

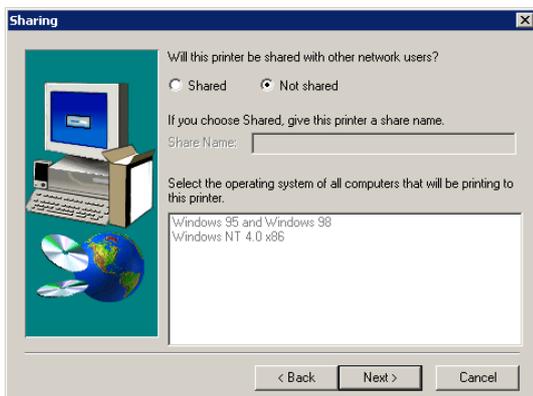
button.

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 **Next** button.

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

14



The **Printer Information** window appears.

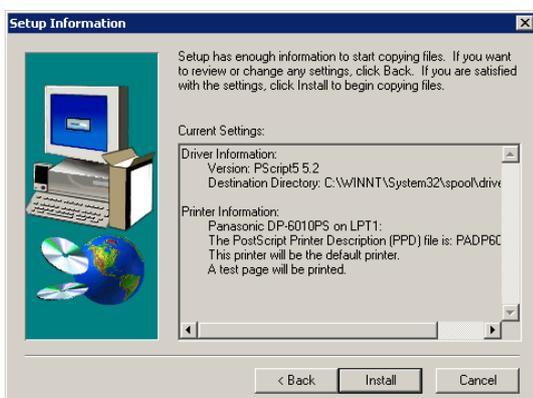
You can accept the default printer name shown or change it as you wish.

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 **Next** button.

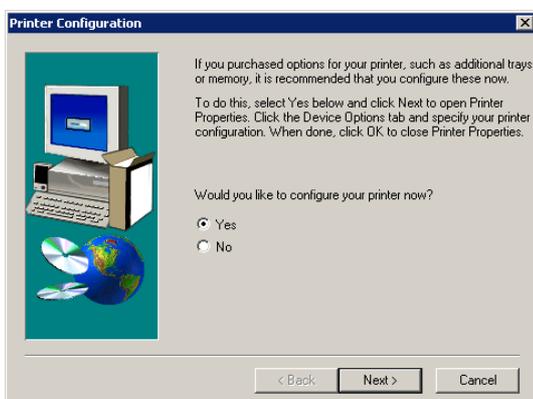
15



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

Click the **Install** button.

16



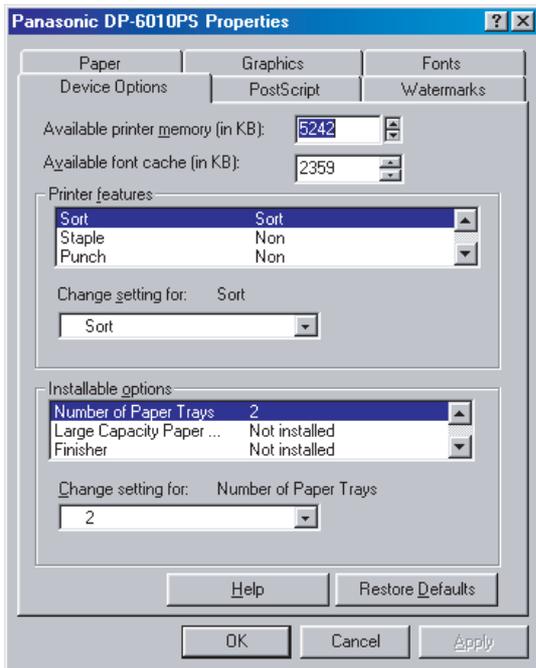
The **Printer Configuration** window appears.

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

Click the **Next** button.

Windows 98/Me/NT/2000/XP

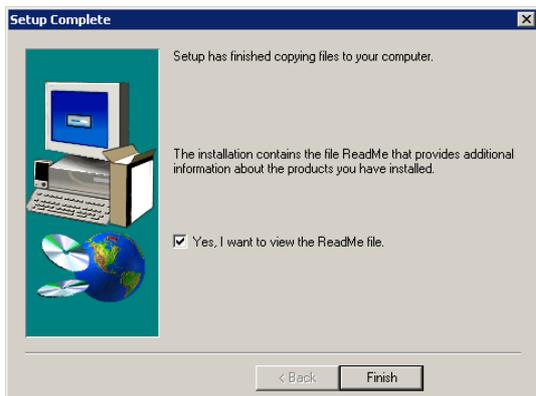
17



Click the button to return to the setup wizard.

Note: For printer properties, refer to "Configuring the Printer Driver Settings". (See pages 32 - 60)

18



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

Click the button.



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

Click the button to restart your computer.

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 the LPR Monitor is already installed on your PC, select **Create New Port** in step 9. Then, select **Search the network printer** to search for the machine(s) connected on your network.

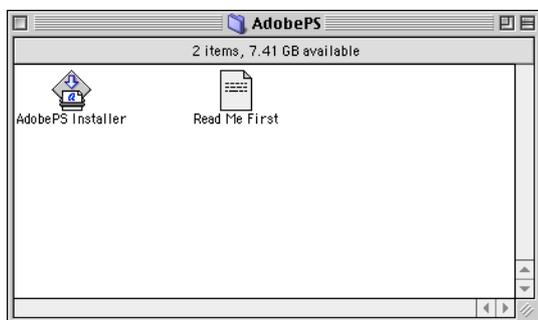
Installing the Printer Driver

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.

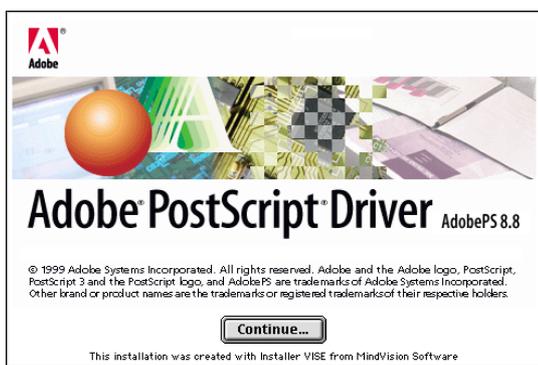
English > PS > Setup > Mac > ps_88_E > US.sea

Please decompress **US.sea** 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.

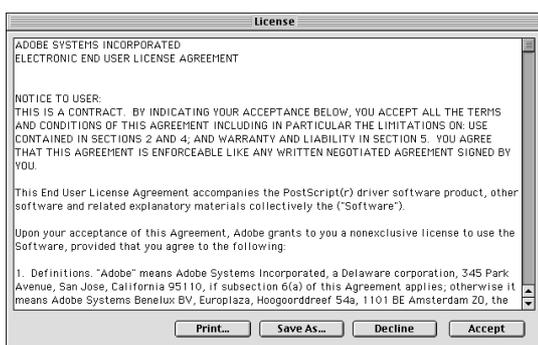
3



The setup message will be displayed.

Click the button.

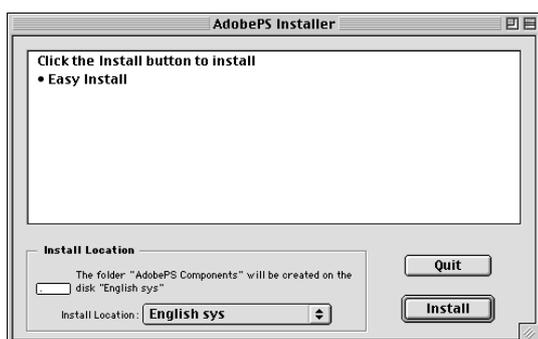
4



Read the license agreement, then click the

button.

5



Verify the installation location.

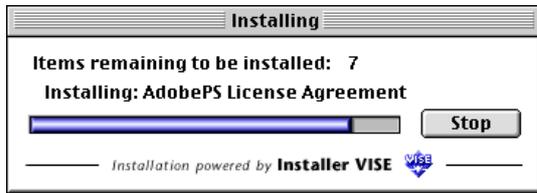
Click the button.

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

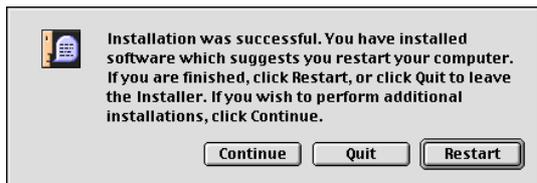
Mac OS 8.6/9.x

6



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

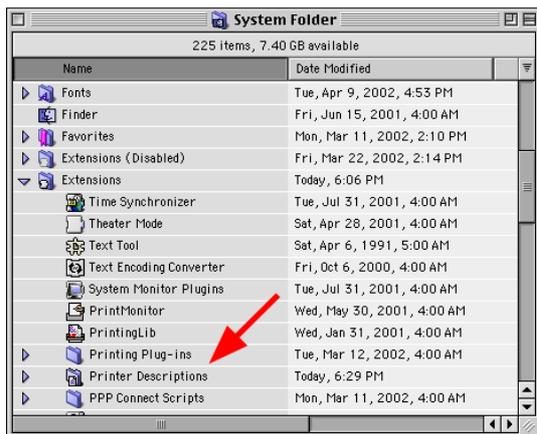
7



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

Click the **Restart** button to restart your computer.

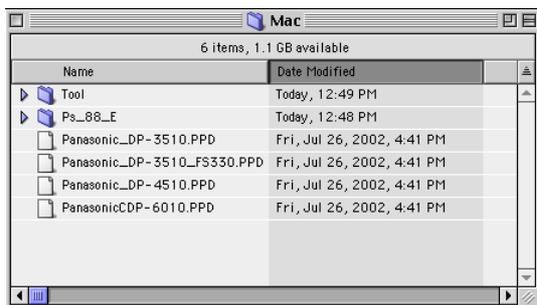
8



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 > Extensions > Printer Descriptions

9



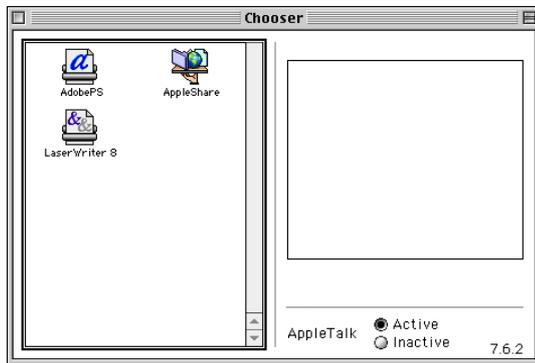
Open the **Mac** folder within the CD-ROM.
Select your printer model file, and drag it into your Printer Descriptions folder.

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

Installing the Printer Driver

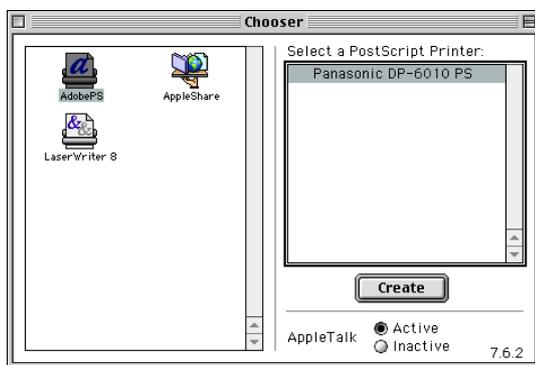
Mac OS 8.6/9.x

10



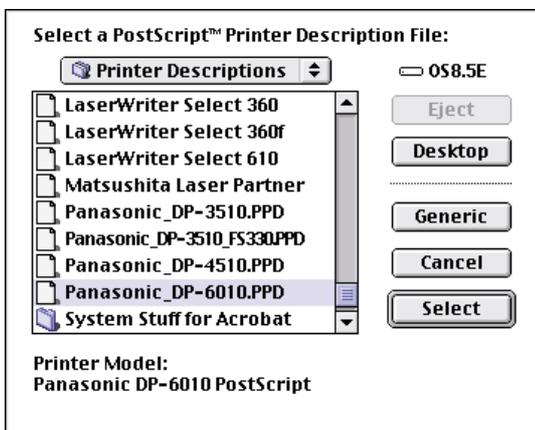
Select the **Apple Menu**, then select **Chooser**.

11



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

12



A PPD file for the desired printer must be present. Select your machine's model ("Panasonic_DP-xxxx.PPD"), and click the **Select** button. Select the Panasonic_DP-3510_FS330.PPD file when your machine is a DP-3510, and is configured with a 2-Bin Finisher (DA-FS330).

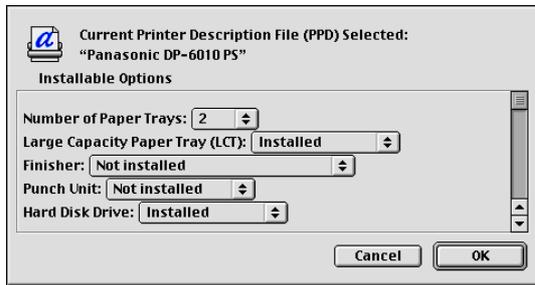
13



Click the **OK** button.

Mac OS 8.6/9.x

14



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

Click the  button.

15

After the PPD file is copied, the driver creates a new desktop printer icon for your device.



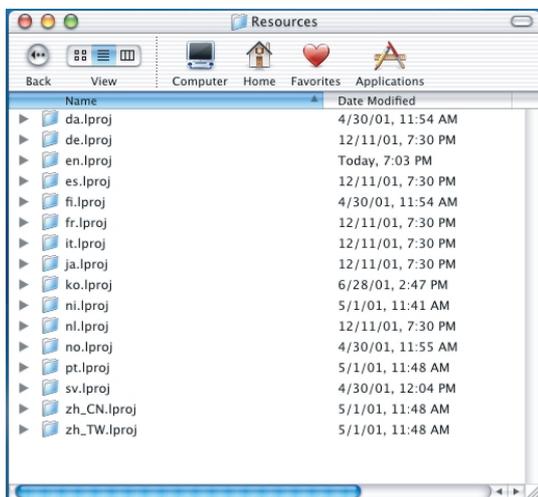
Installing the Printer Driver

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

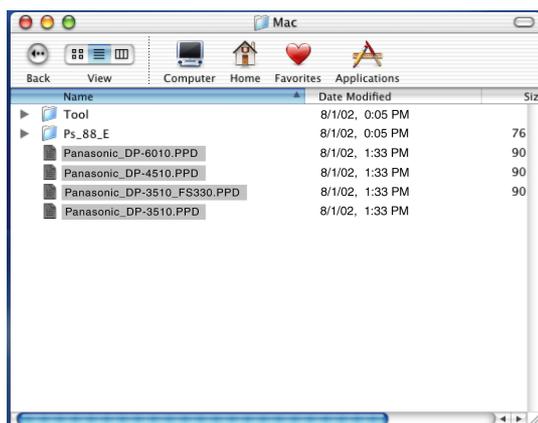


Please copy the PostScript printer description (PPD) file into the Library folder as follows:

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.

3



A list of available AppleTalk printers appears.

Select your machine's model

("Panasonic DP-xxxx").

4

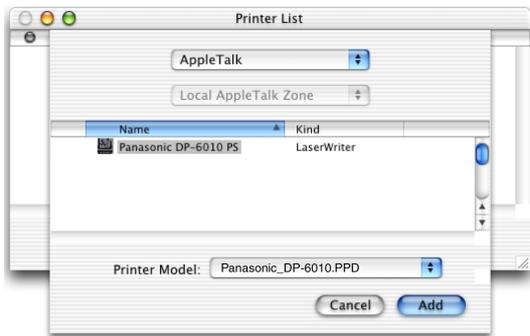
Click on the **Printer Model** pull-down menu, and select "**Panasonic_DP-xxxx.PPD**".

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

The printer model selection window appears.

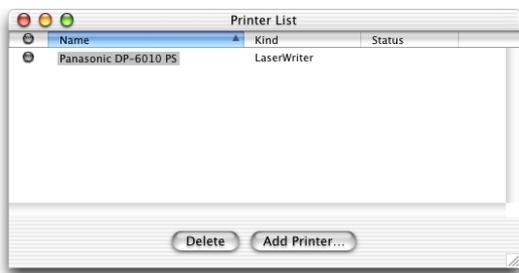
Mac OS X

5



Click the **Add** button.

6



Your machine is added to the Printer List.

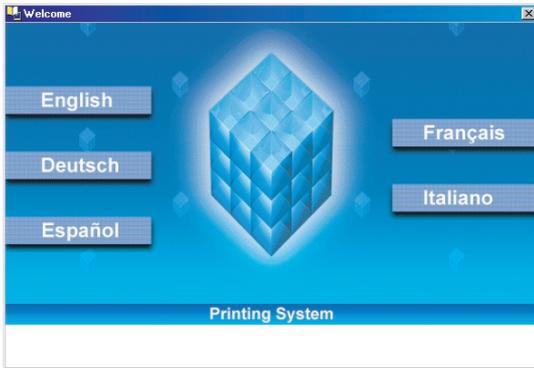
Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

1

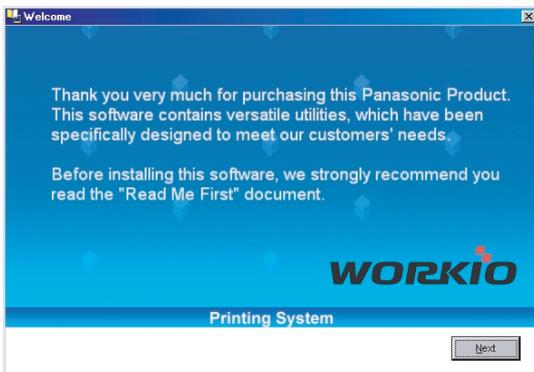
Insert the Panasonic Printing System CD-ROM.

2



Select the desired language.

3



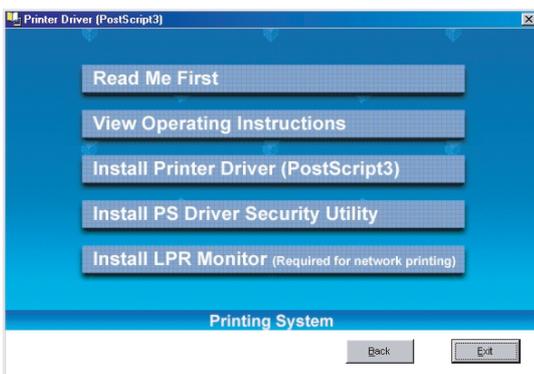
Click the button.

4



Click **Printer Driver (PostScript3)**.

5

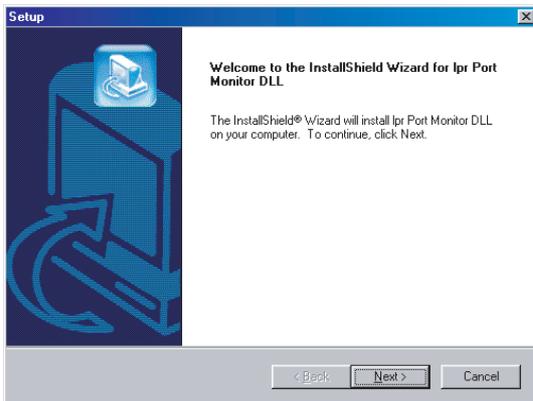


Click **Install LPR Monitor**.

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

6



The **Setup** dialog box appears.

Click the **Next** button.

7



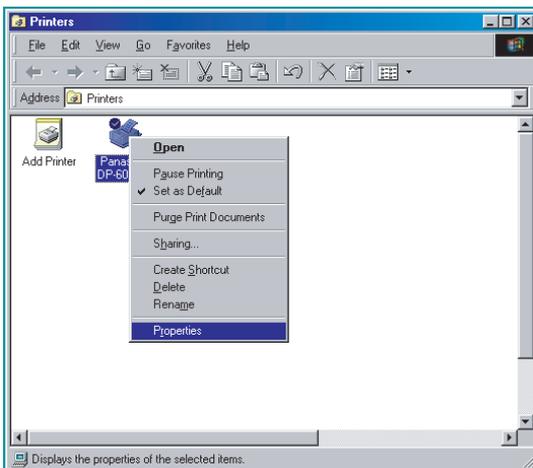
The setup program copies the necessary files onto the hard disk of your PC.

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 **OK** button.

8



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

The **Printers** folder appears.

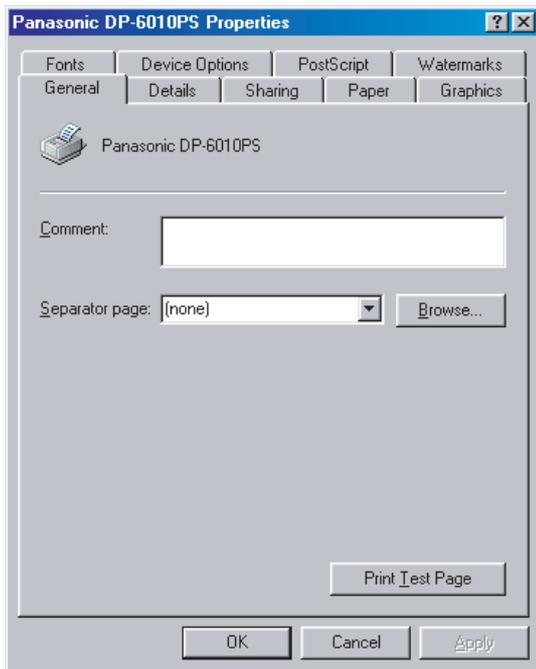
Right-click on the desired printer icon and select **Properties** from the pop-up menu.

Continued on the next page...

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

9

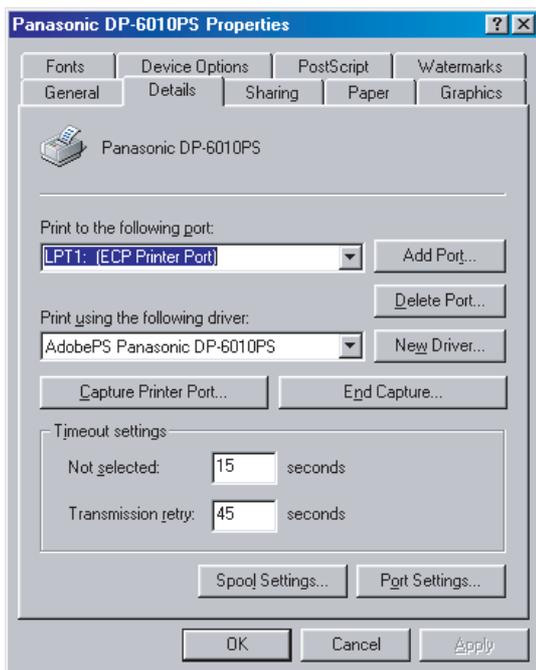


The printer properties dialog box appears.

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.

10

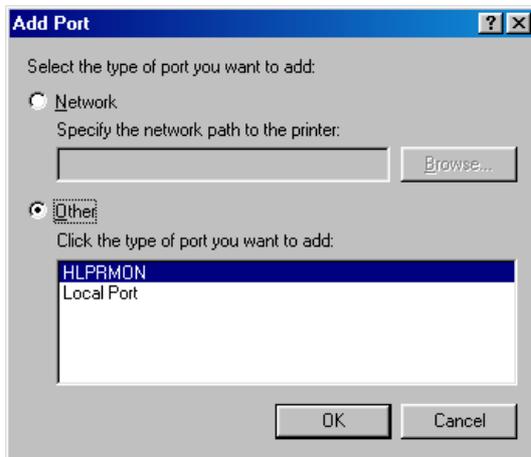


Select the **Details** tab and click the **Add Port...** button.

Installing the LPR (Line Printer Remote) Monitor

Windows 98/Me

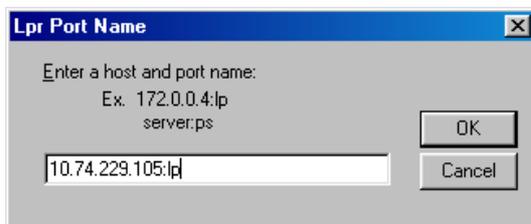
11



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

button.

12



The **LPR Port Name** dialog box appears.

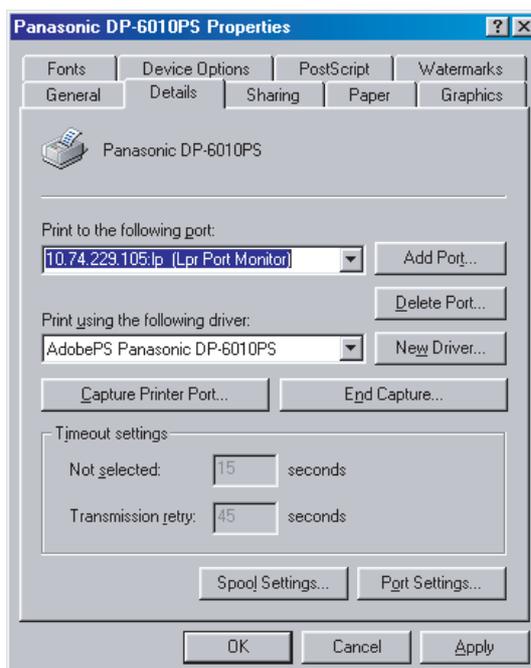
Type the IP Address of the machine and "lp" as the queue name separated by a ":" (colon).

Ex: 10.74.229.105:lp

Click the 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 "lpr".

The screen reverts to the Printer Properties.

13



Check that the "Print to the following port:" has been changed as entered in step 12, and click the **Apply**

button first and then the button.

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

NOTE

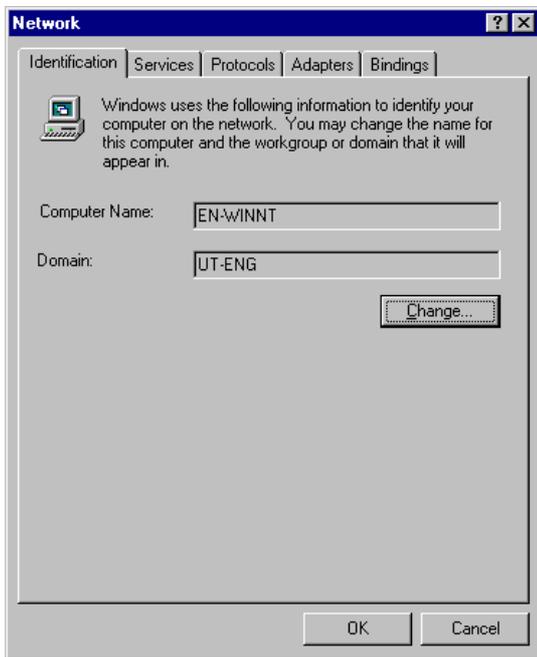
1 To print data via LAN, the LPR Monitor must be installed on your PC.

Installing the LPR (Line Printer Remote) Service

Windows NT 4.0

Logon using an account with administrator rights.

1



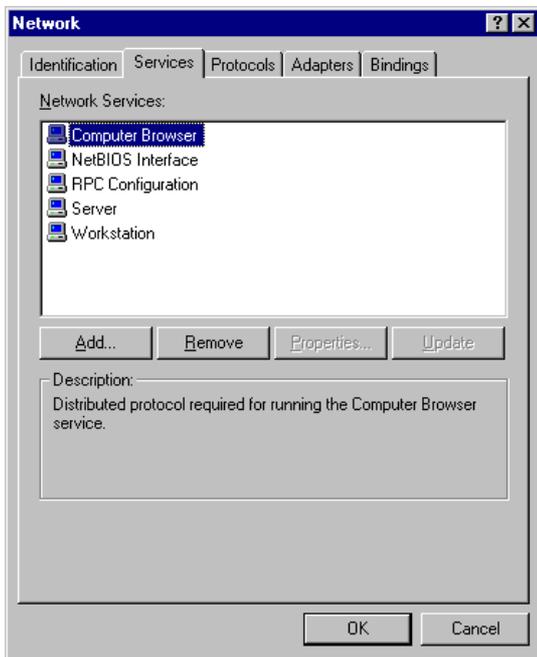
Click the **Start** button, select **Settings**, and click **Control Panel**.

The **Control Panel** window appears.

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

The **Network** dialog box appears.

2



Click on the **Services** tab.

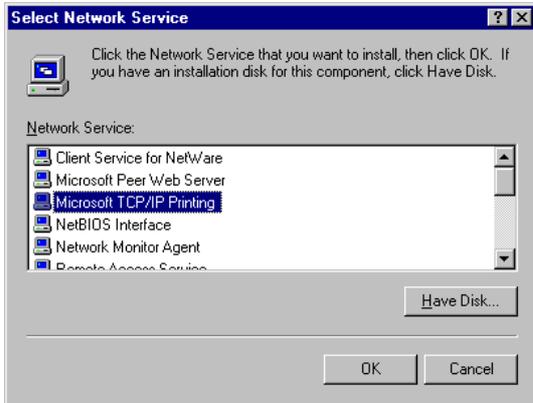
Verify whether the LPR Service is already installed. (Indicated by Microsoft TCP/IP Printing shown in the Network Services list.)

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

Installing the LPR (Line Printer Remote) Service

Windows NT 4.0

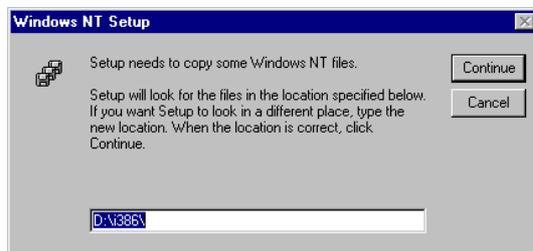
3



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

Click the button.

4

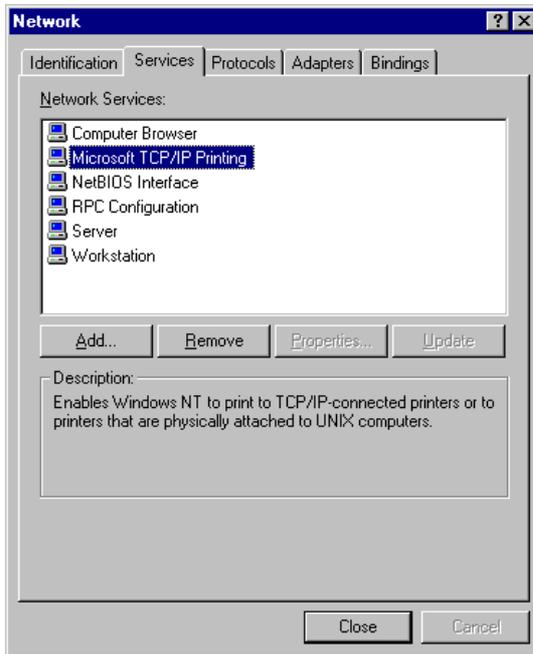


The **Windows NT Setup** dialog box appears.

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



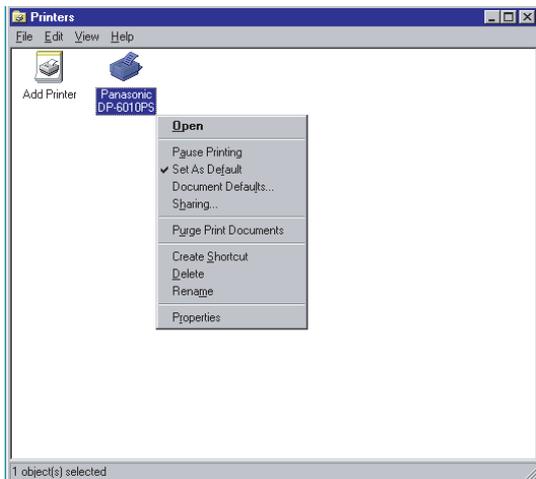
The **Network Settings Change** dialog box is displayed, click the button to restart your computer now.

You have now completed the LPR Service installation.

Installing the LPR (Line Printer Remote) Service

Windows NT 4.0

7

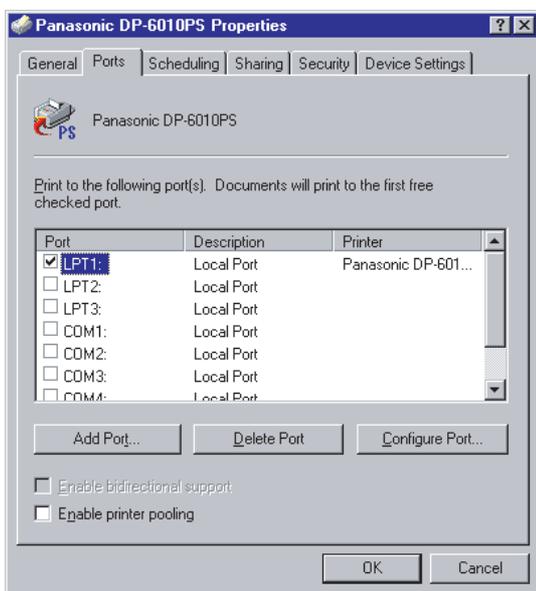


After your computer has rebooted, log on with an account with Administrator Privileges, click the **Start** button, select **Settings**, and then click **Printers**.

The **Printers** folder appears.

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

8

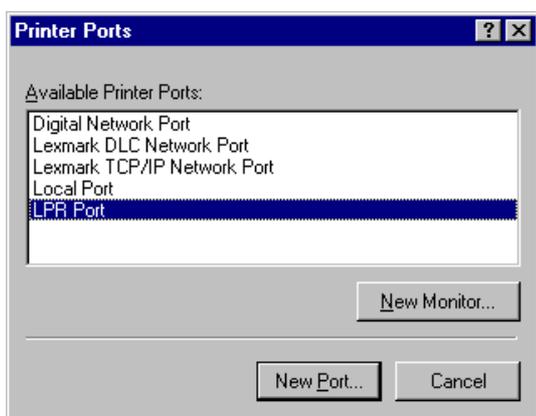


The following step registers the LPR Port for network printing.

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



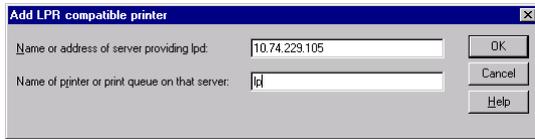
The **Printer Ports** dialog box appears.

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

Installing the LPR (Line Printer Remote) Service

Windows NT 4.0

10



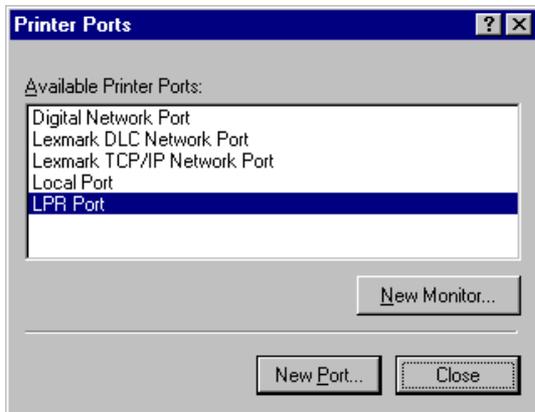
The **Add LPR compatible printer** dialog box appears.

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

Click the button.

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

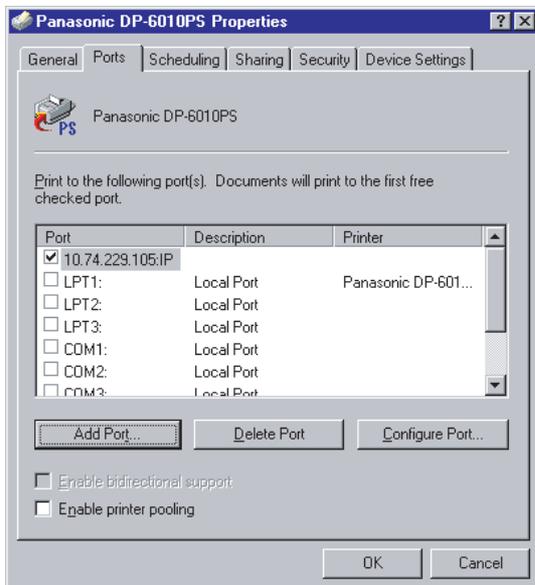
11



The **Printer Ports** dialog box appears.

Click the button.

12



Select the printer port and click the button.

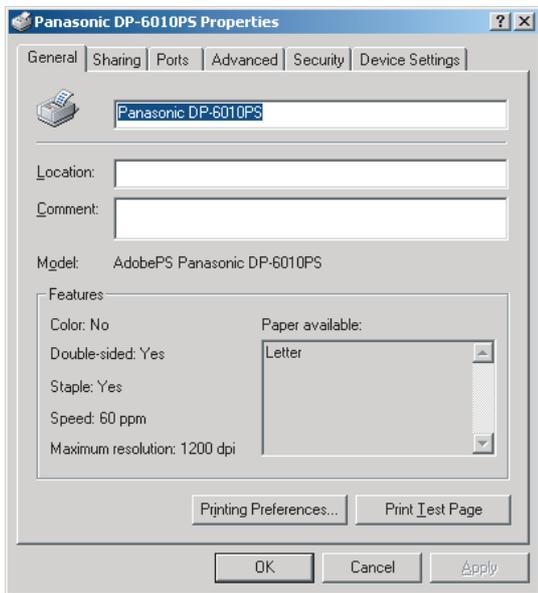
The printer properties dialog box closes and you have now configured the printer as a network printer.

Installing the LPR (Line Printer Remote) Port

Windows 2000/XP

Logon using an account with administrator rights.

1

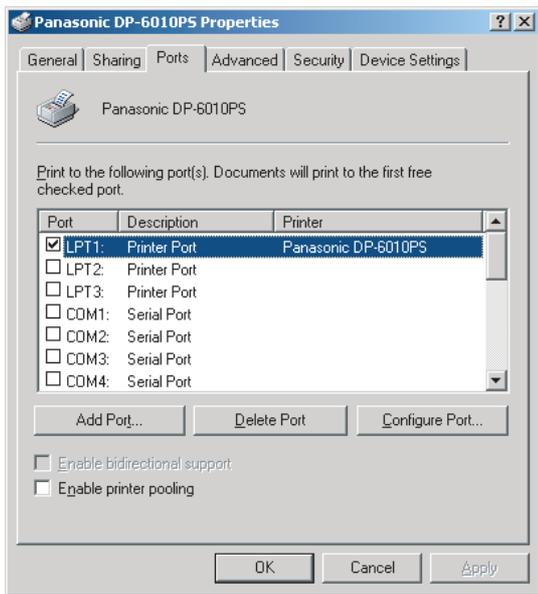


Open the **Printers** folder.

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

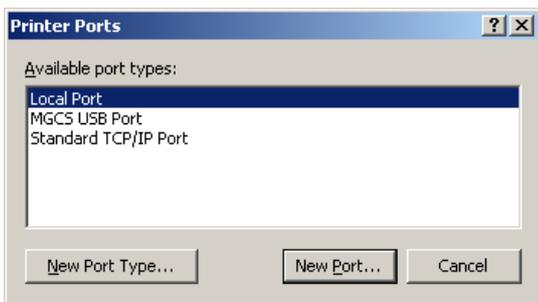
The printer properties dialog box appears.

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) Port

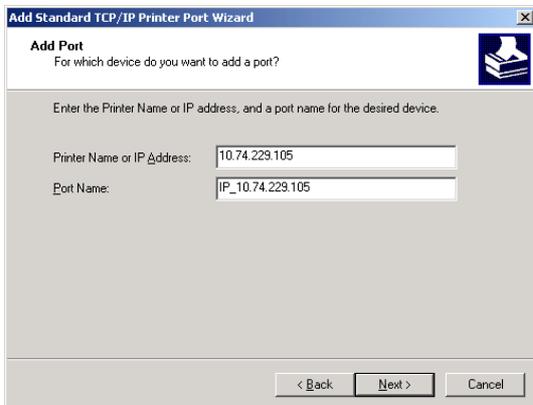
Windows 2000/XP

4



Click the **Next** button.

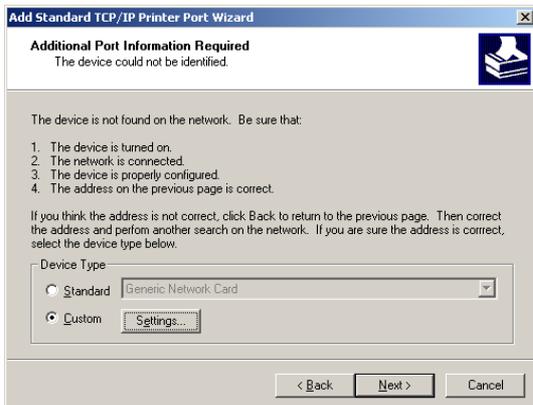
5



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

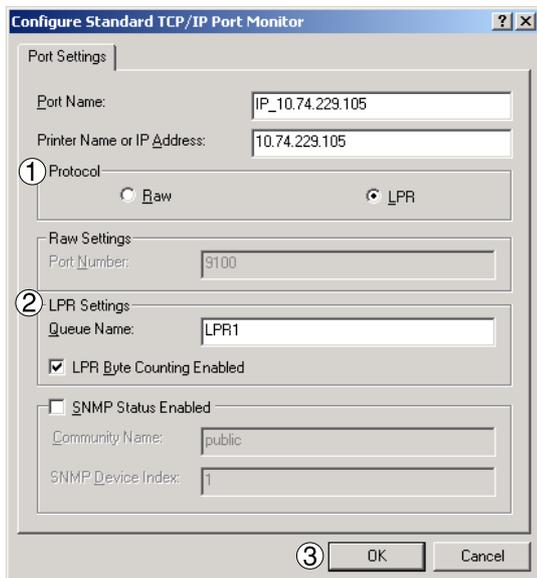


Select **Custom** and click the **Settings...** button.

Installing the LPR (Line Printer Remote) Port

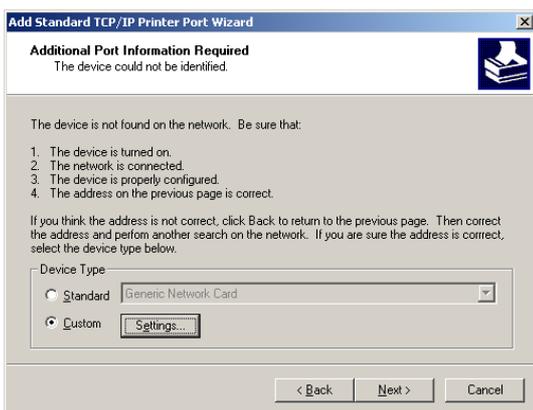
Windows 2000/XP

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

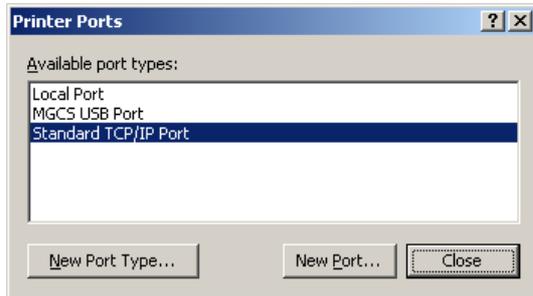


Click the **Finish** button.

Installing the LPR (Line Printer Remote) Port

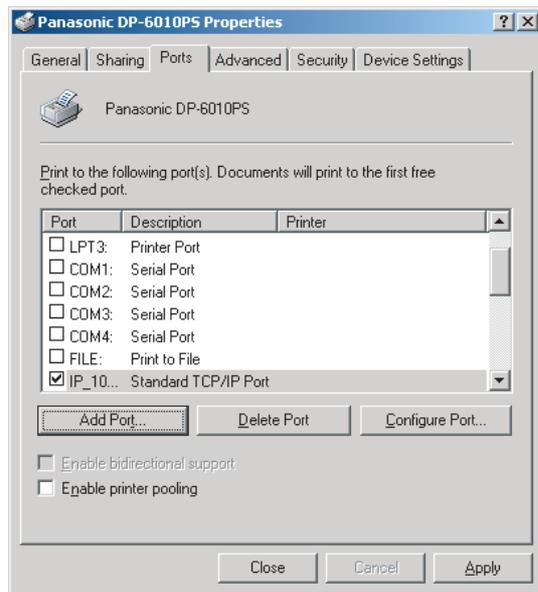
Windows 2000/XP

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

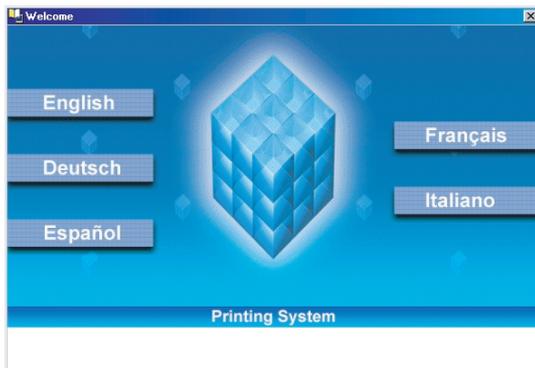
If you wish to use the MailBox and Secure MailBox functions, it is essential that you setup the Utility settings first.

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

1

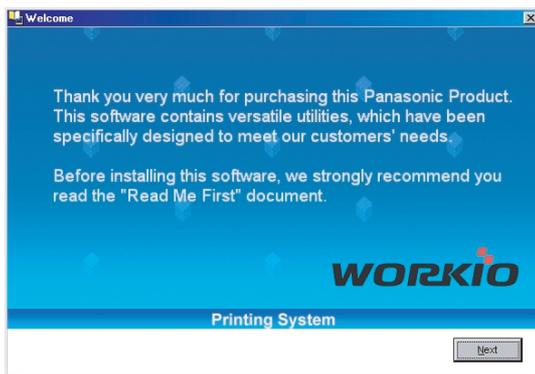
Exit from all applications, then insert the Panasonic Printing System CD into the CD-ROM drive.

2



Select the desired language.

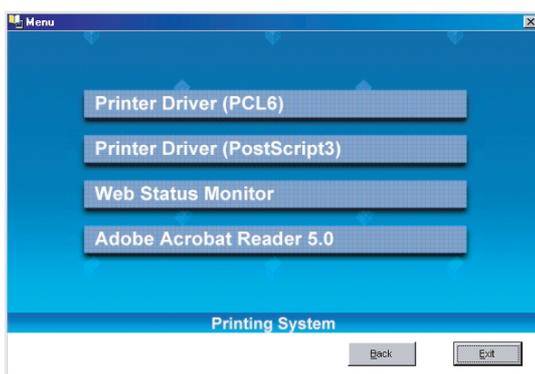
3



The setup message will display.

Click the button.

4



Click **Printer Driver (PostScript3)**.

Installing the PS Driver Security Utility

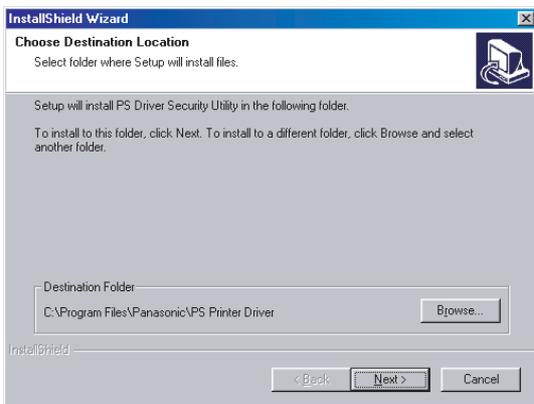
Windows 98/Me/NT/2000/XP

5



Select **Install PS Driver Security Utility**.

6



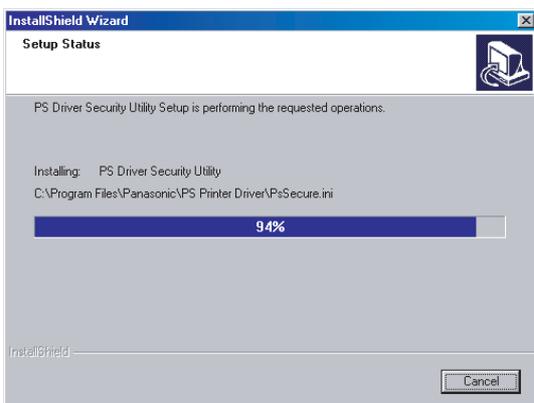
Click the **Next** button.

7



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

8

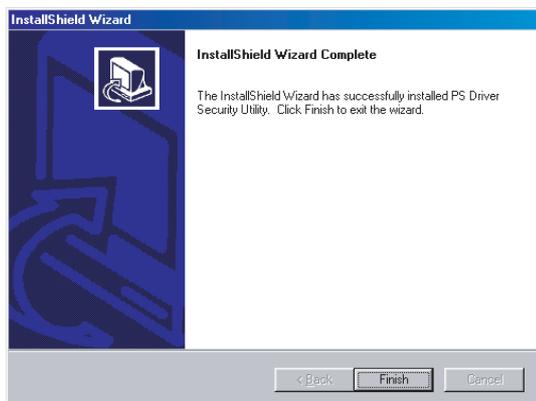


The required files are copied.

Installing the PS Driver Security Utility

Windows 98/Me/NT/2000/XP

9



Click the **Finish** 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

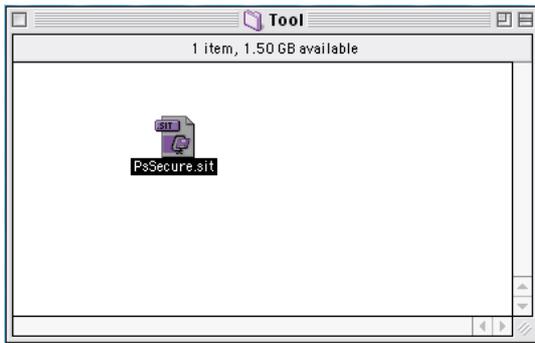
Mac OS 8.6/9.x/X

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

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 > Tools >**

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

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

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

2



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.

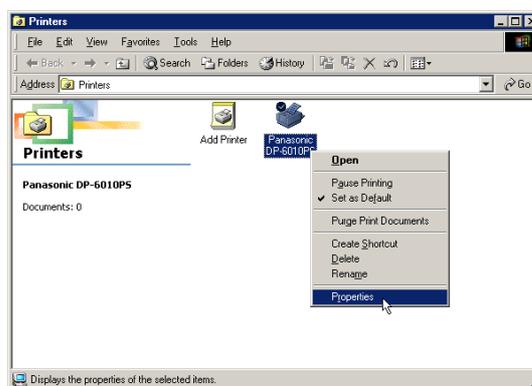
Configuring the Printer Driver Settings

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.

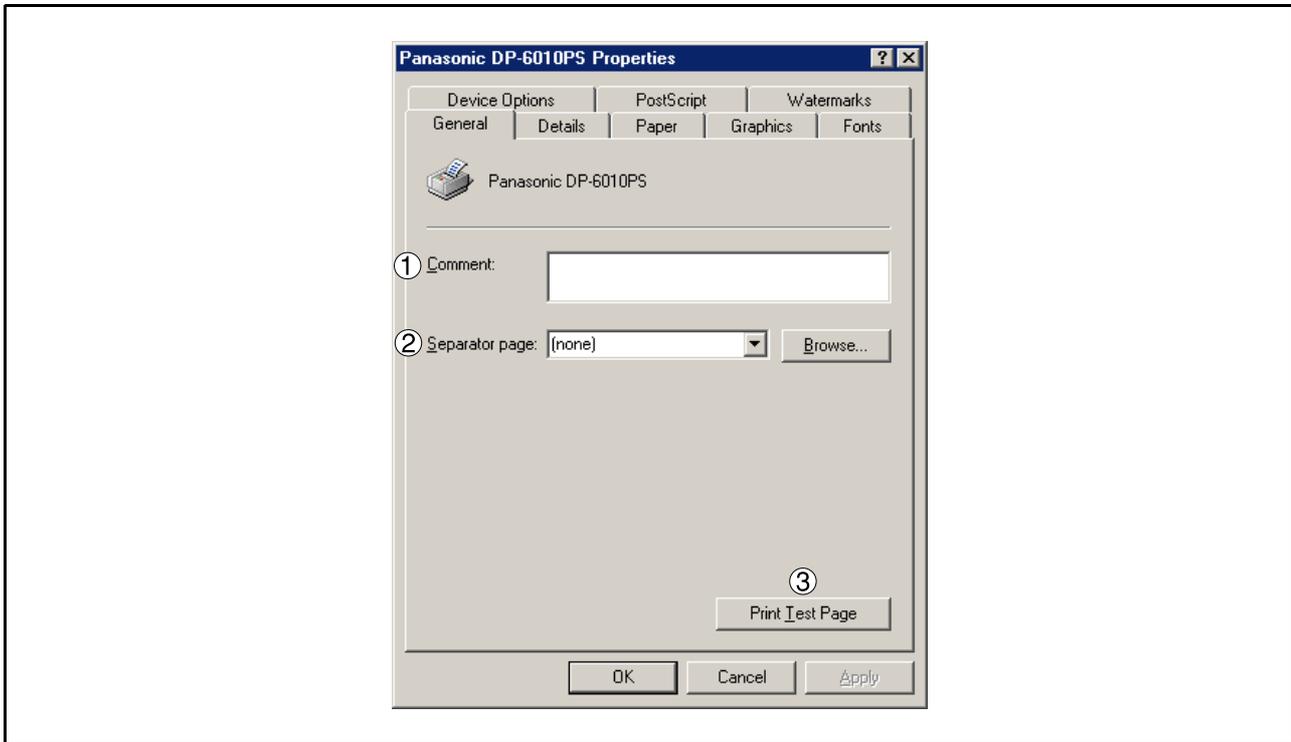
The printer properties dialog box appears.



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.

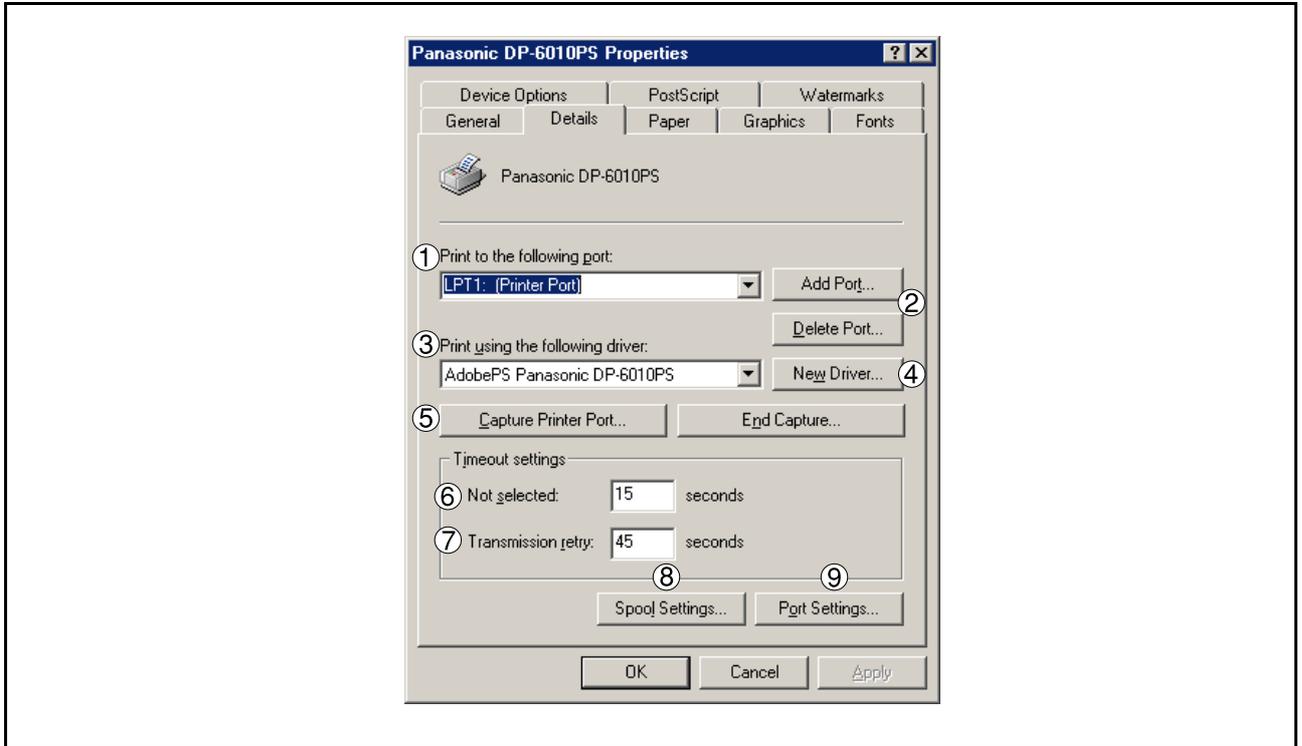
3. **Print Test Page** button

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

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

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

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

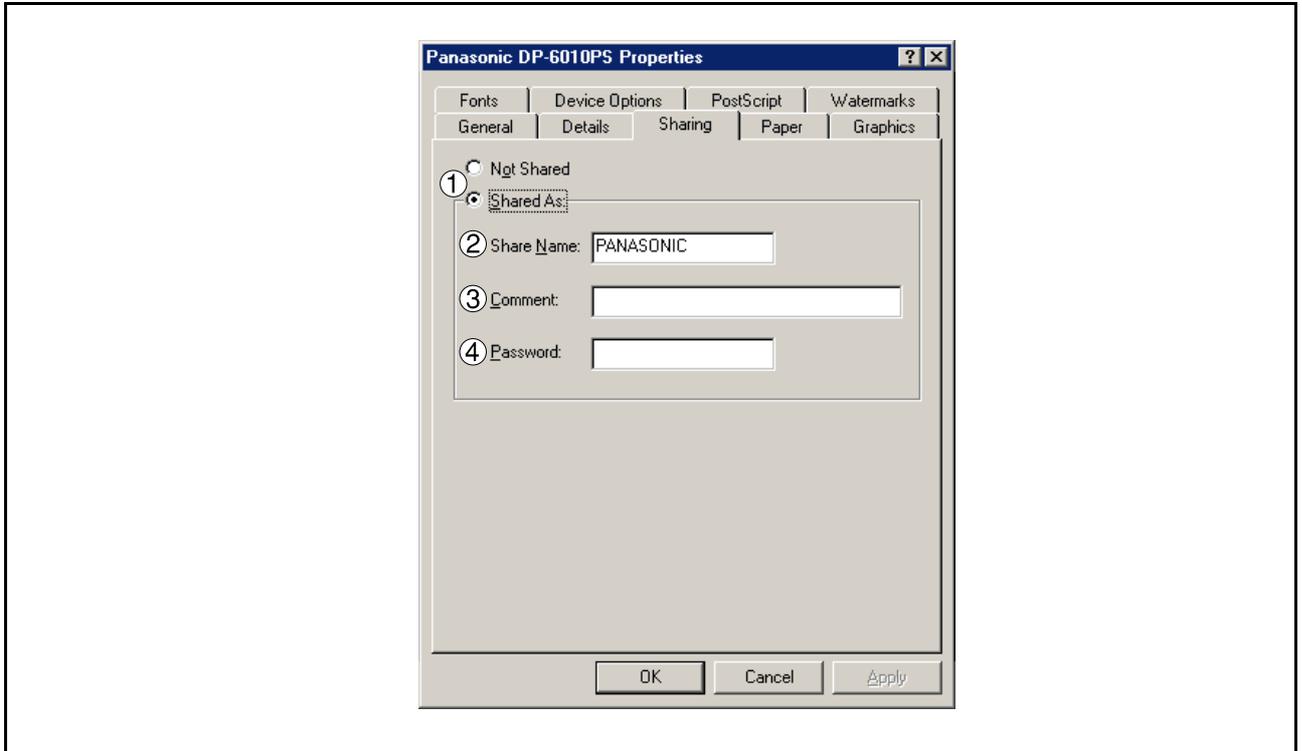
9. button

Modifies printer port settings.

Configuring the Printer Driver Settings

Windows 98/Me

Sharing Tab (See Note 1)



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.

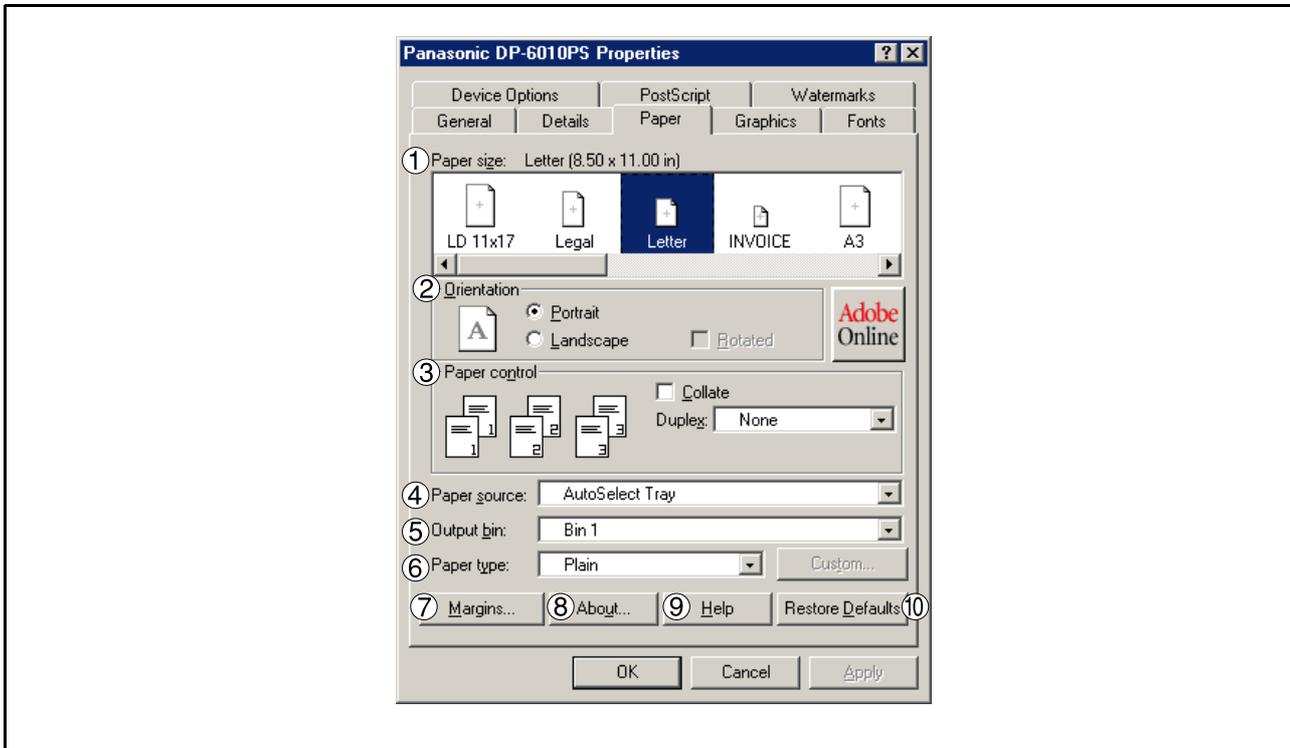
NOTE

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

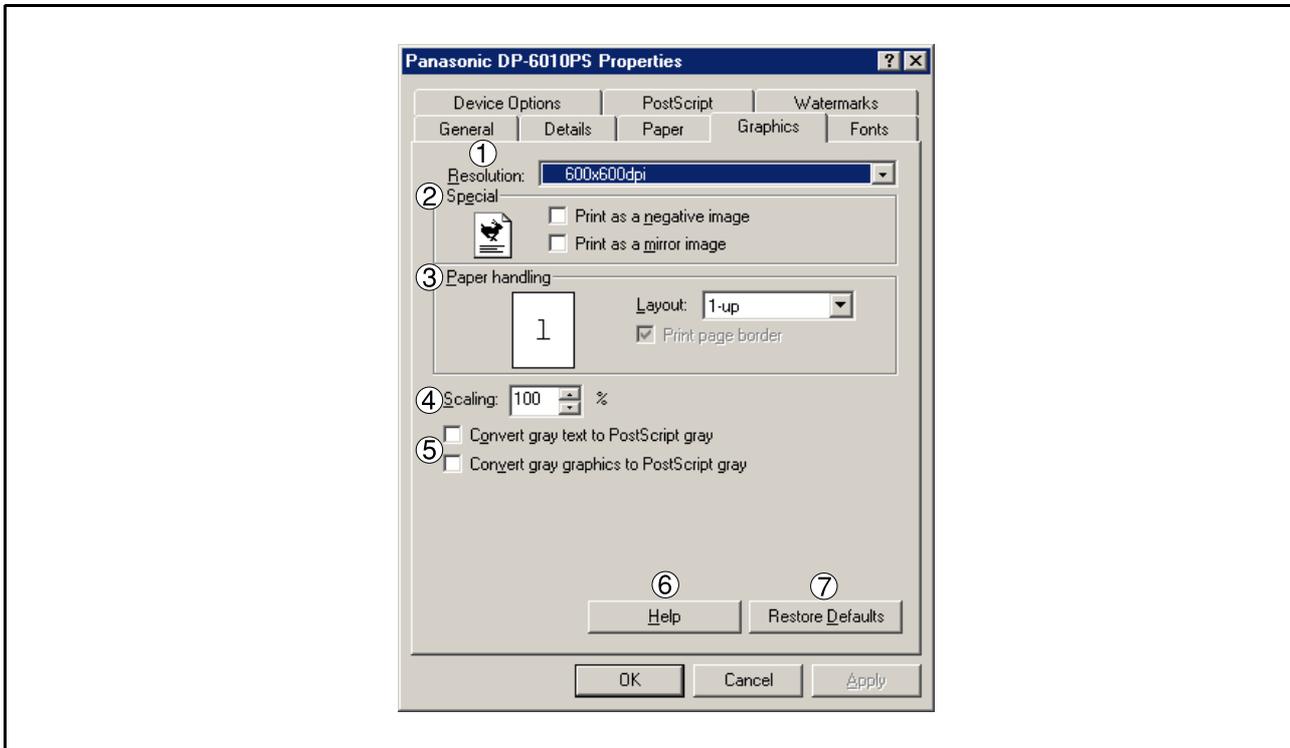
Windows 98/Me

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

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.

Note:

If the **Resolution** Tab is set to **600 dpi** or **1200 dpi**, the zoom ratio is changed depending on the paper size.

Ledger : 25 - 400%

Legal : 25 - 400%

A3 : 25 - 400%

B4 : 25 - 400%

Others : 25 - 400%

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.

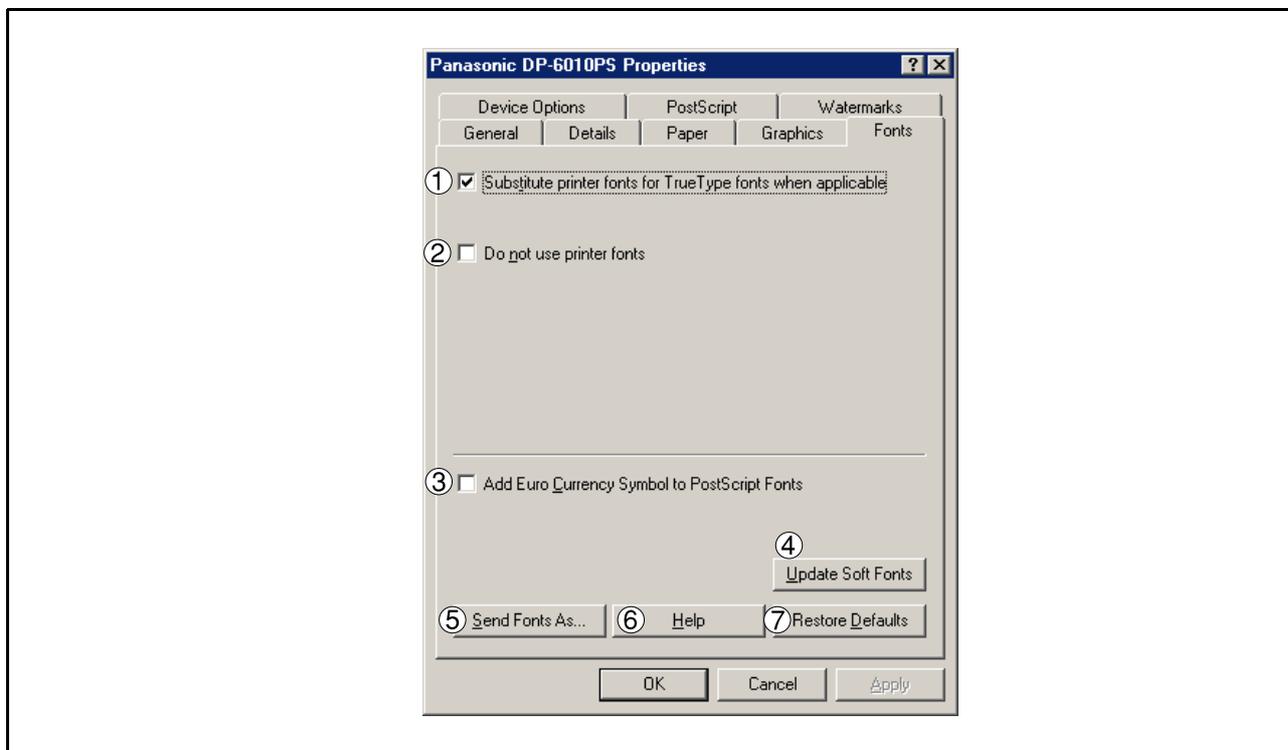
7. **button**

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.

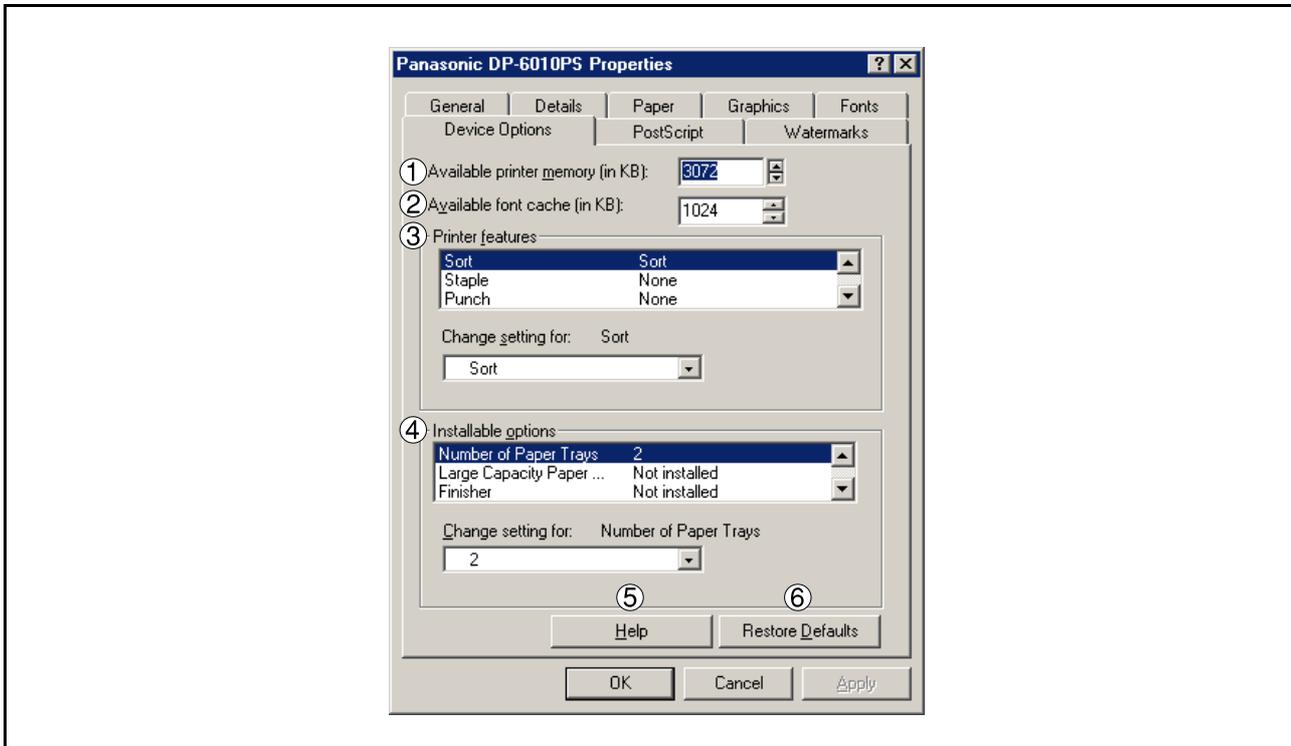
7. Restore Defaults button

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 (See Note 1)



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.

Non Sort



Sort



Rotate Stack



Rotate Sort



Shift Stack



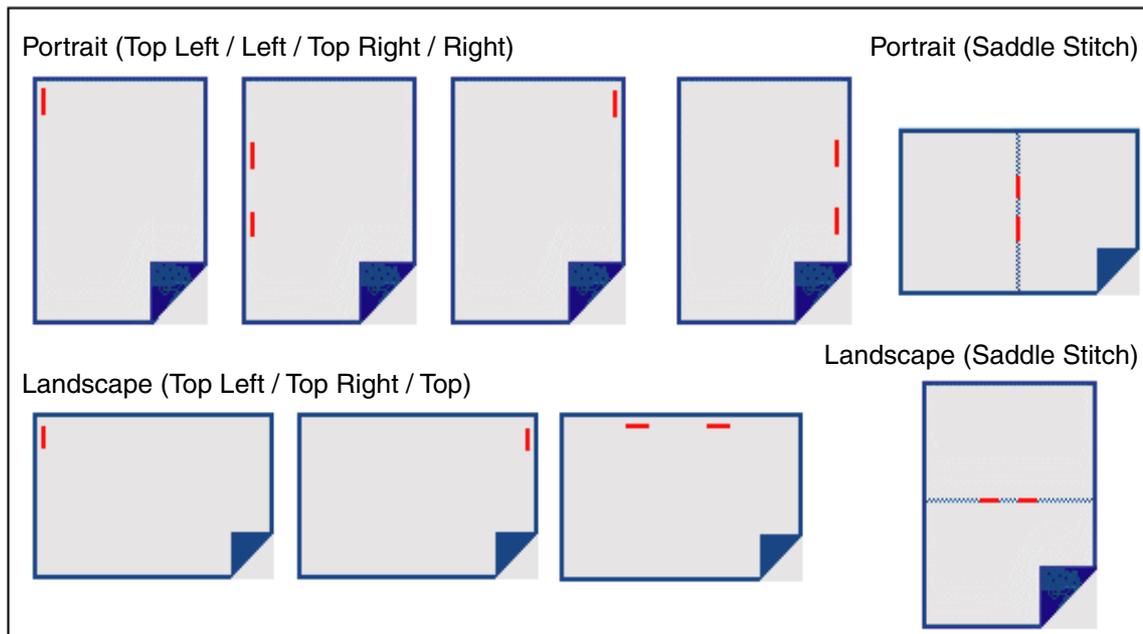
Shift Sort

Configuring the Printer Driver Settings

Windows 98/Me

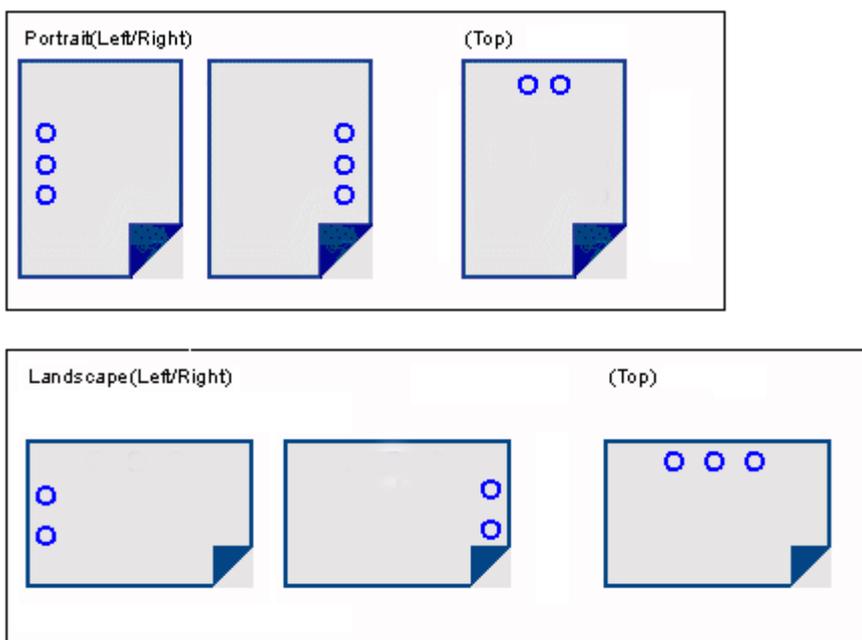
• Staple

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



• Punch

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-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.

Configuring the Printer Driver Settings

Windows 98/Me

- **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.

4. Installable options

Specifies the following printer settings:

- **Number of Paper Trays**

Select the number of available paper trays for the printer if an optional system console is installed.

- **Large Capacity Paper Tray (LCT)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit**

Select if a Punch 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-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.

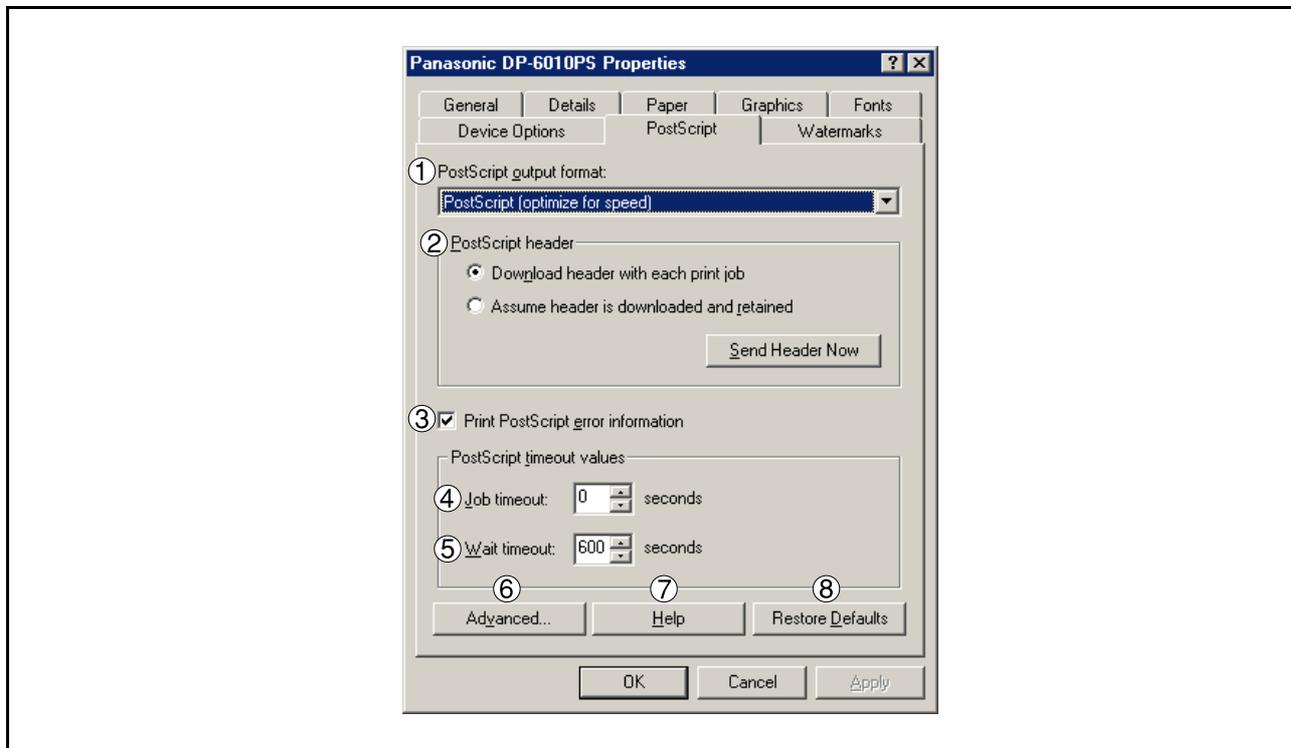
NOTE

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

Configuring the Printer Driver Settings

Windows 98/Me

PostScript Tab

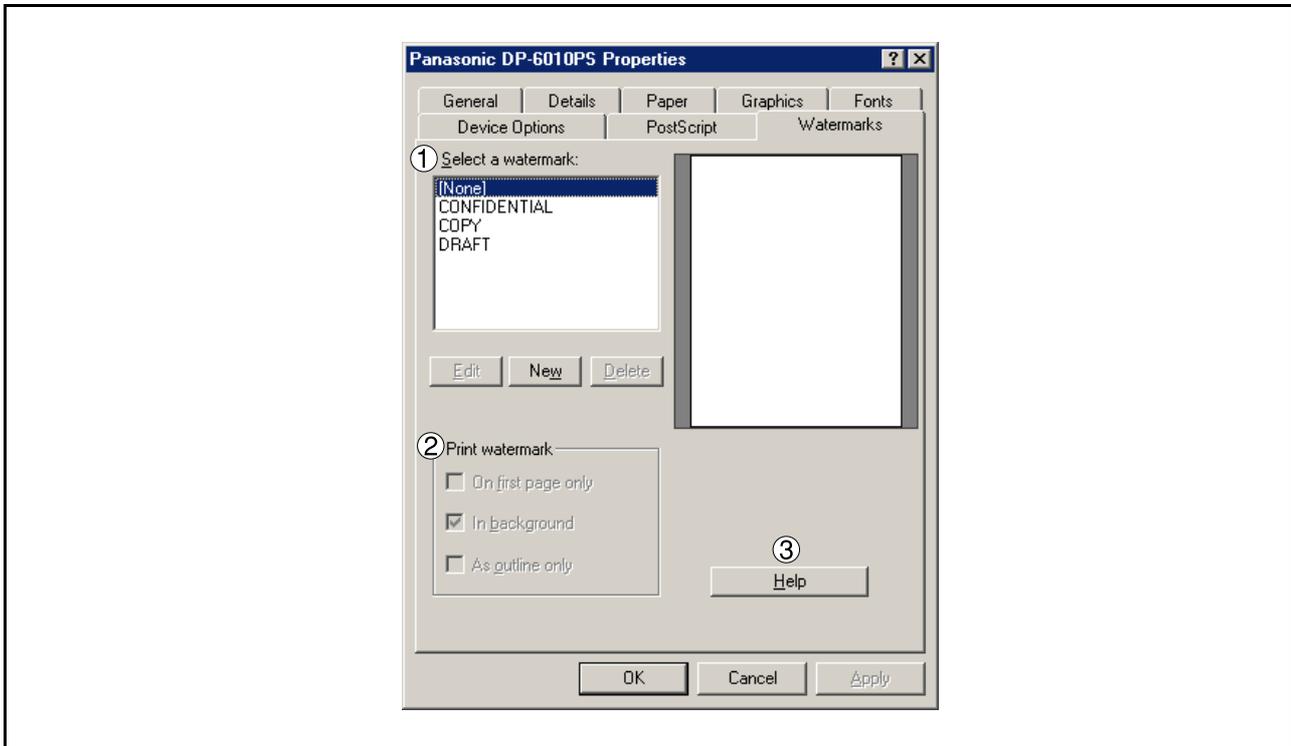


- 1. PostScript output format**
Specifies the format for the PostScript files. In general, use PostScript (Optimize For Speed) for printing a document.
- 2. PostScript header**
Specifies whether to send header information to the printer each time you print a document; this is an advanced feature to use 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.

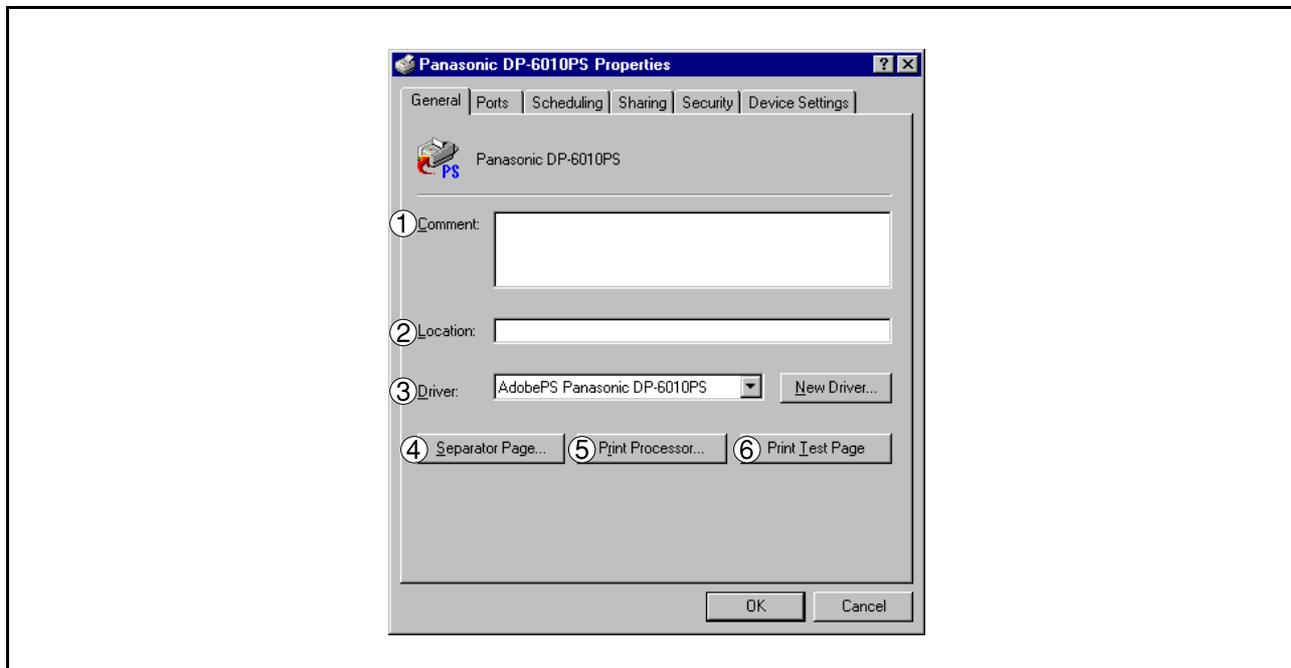
3. **Help** button

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.

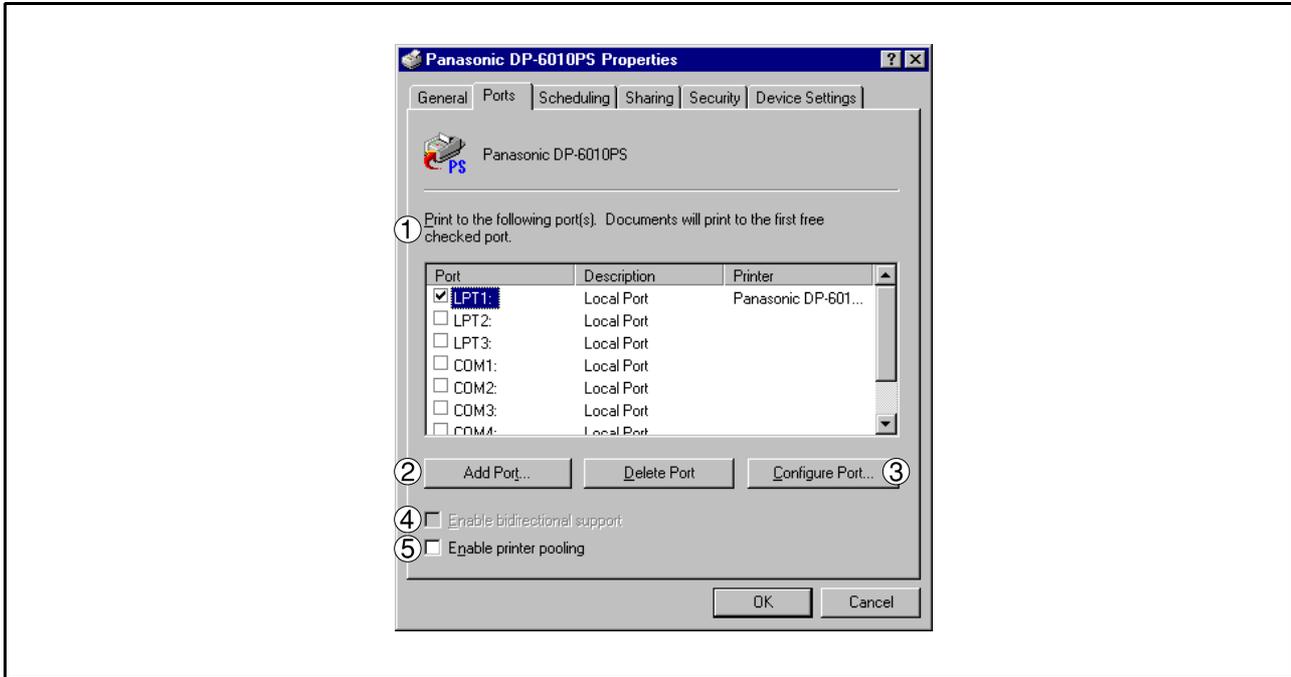
NOTE

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 85)

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. / button

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

3. button

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

4. Enable bidirectional support

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

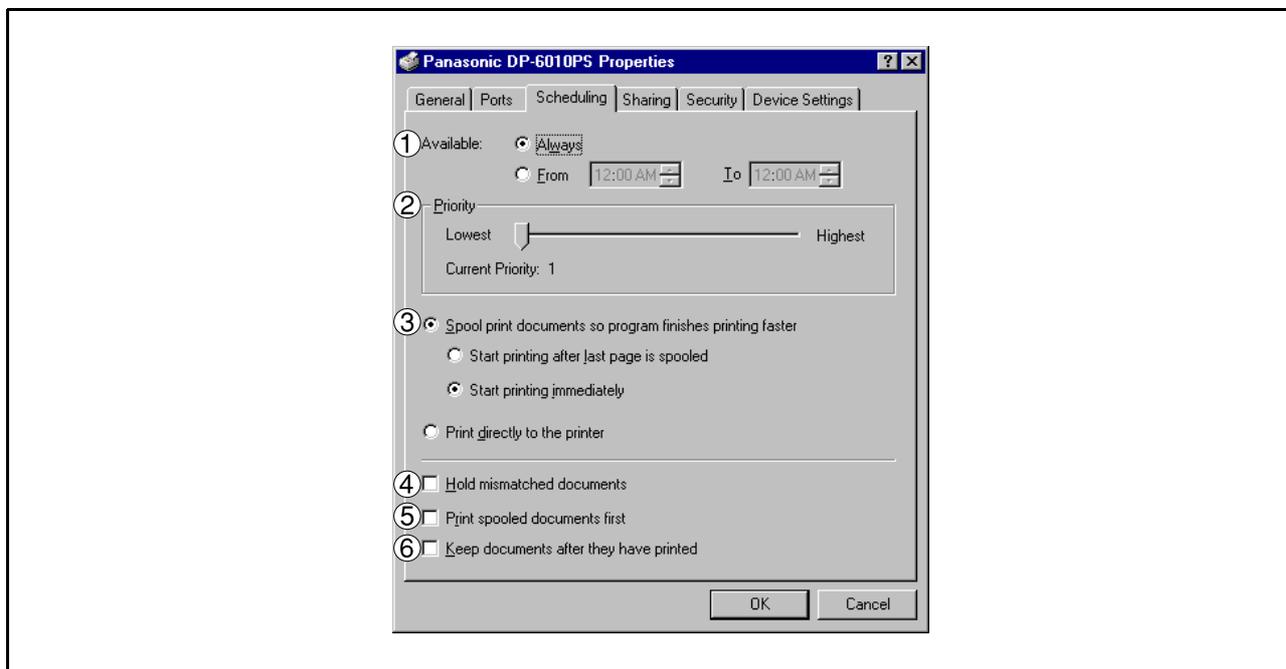
5. Enable printer pooling

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.

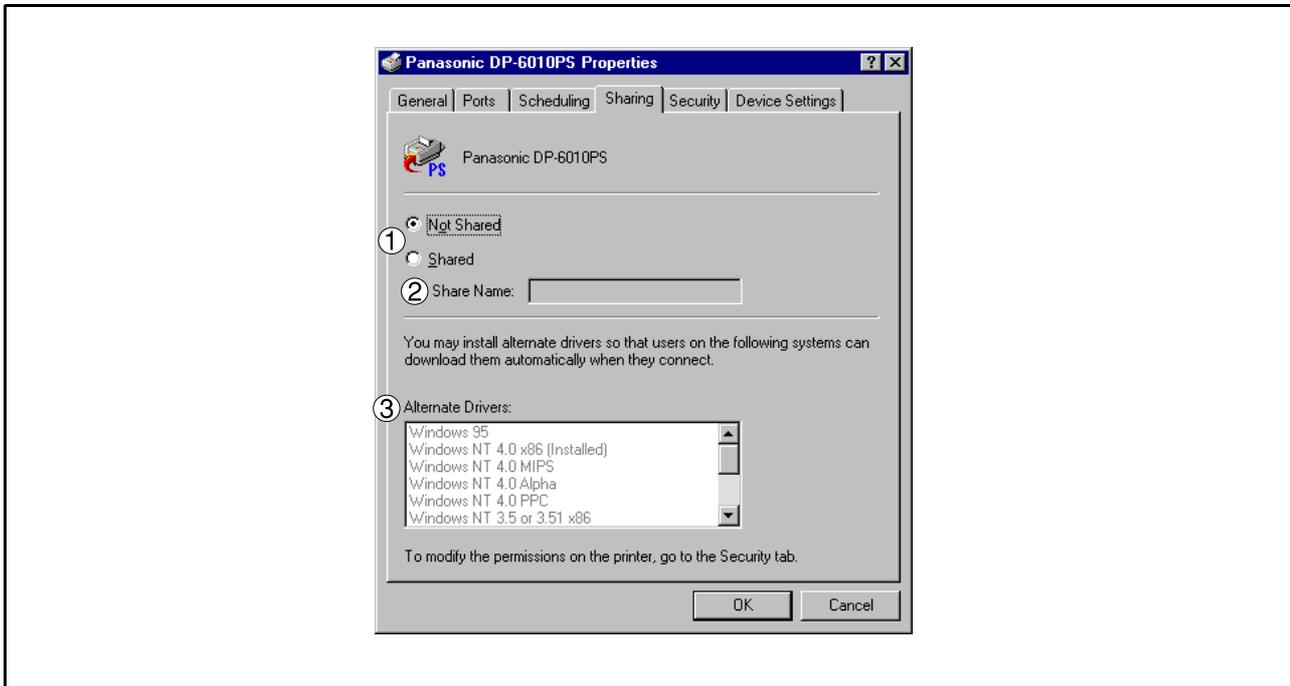
6. Keep documents after they have printed

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

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.

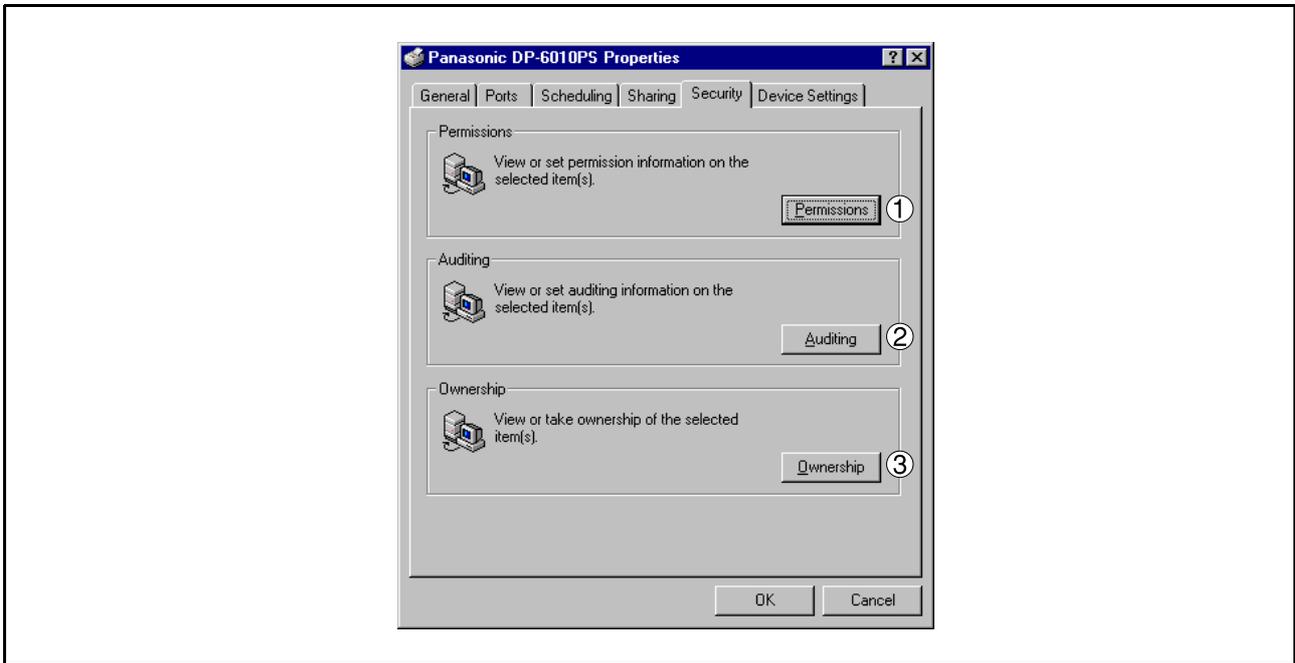
NOTE

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.

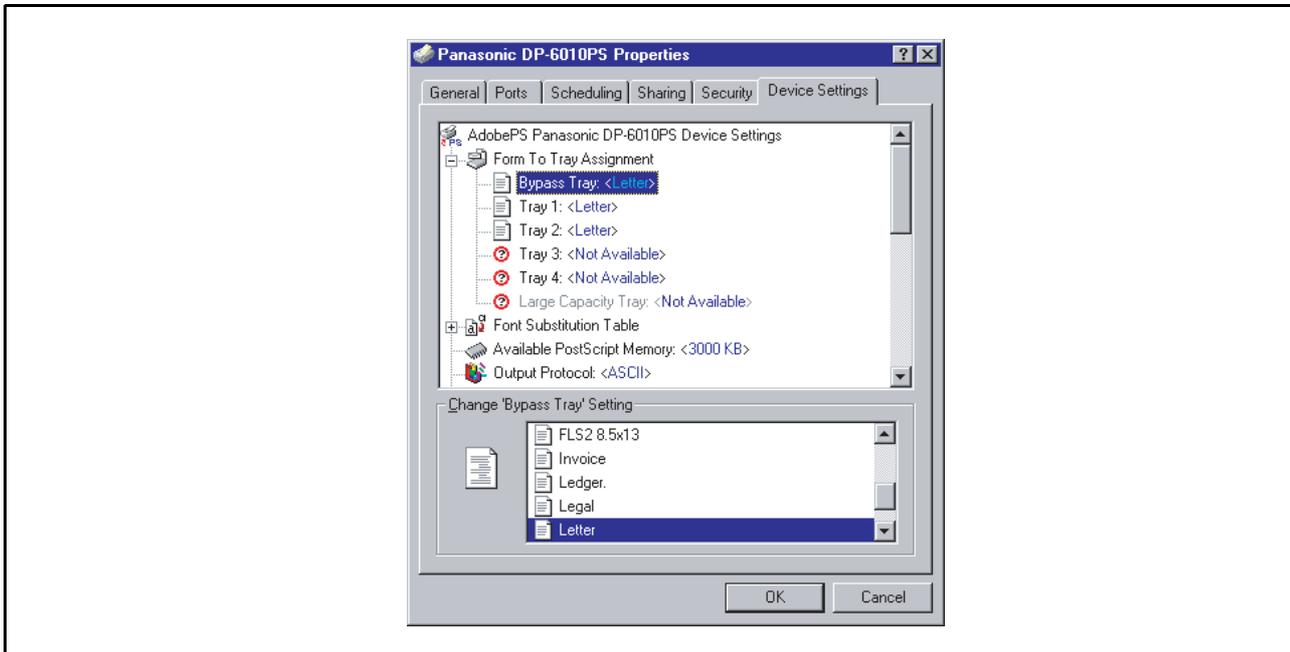
NOTE

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 paper 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.

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 for the printer if an optional system console is installed.

- **Large Capacity Paper Tray (LCT)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit**

Select if a Punch Unit is installed.

- **Hard Disk Drive**

Select if the HDD Unit is installed.

- **Memory**

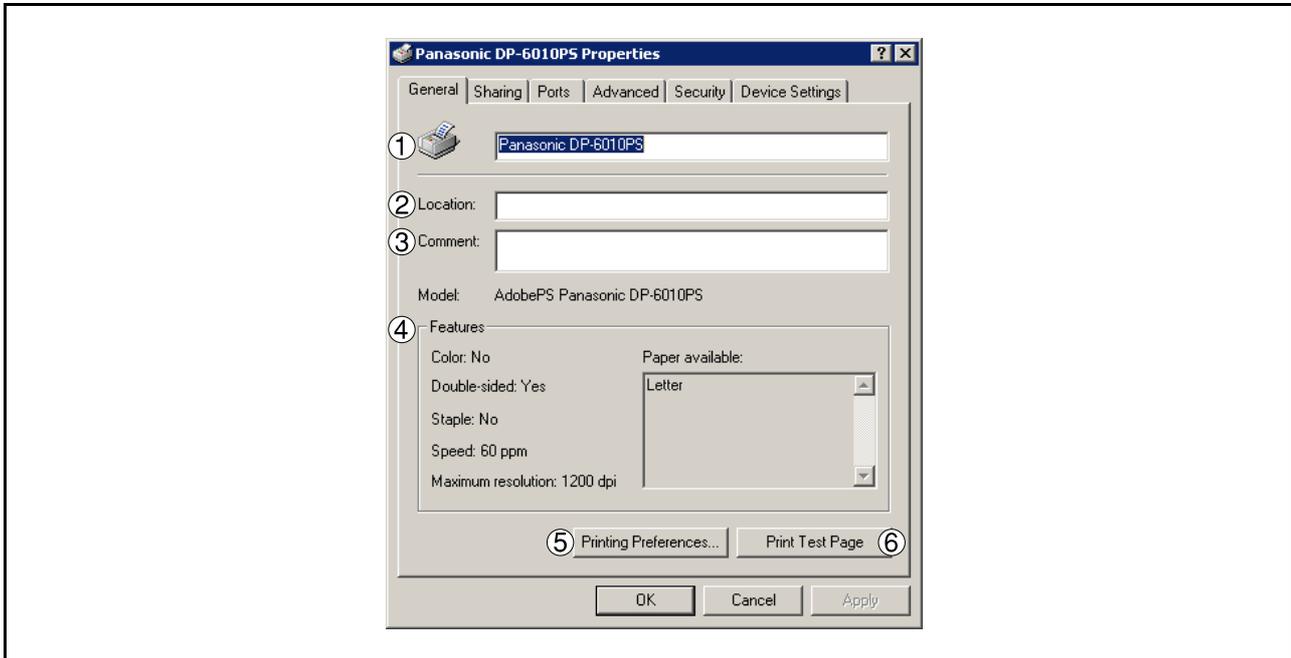
Select the memory (Standard or additional).

(Only available if the optional HDD unit (DA-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 85)

6. Print Test Page button

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

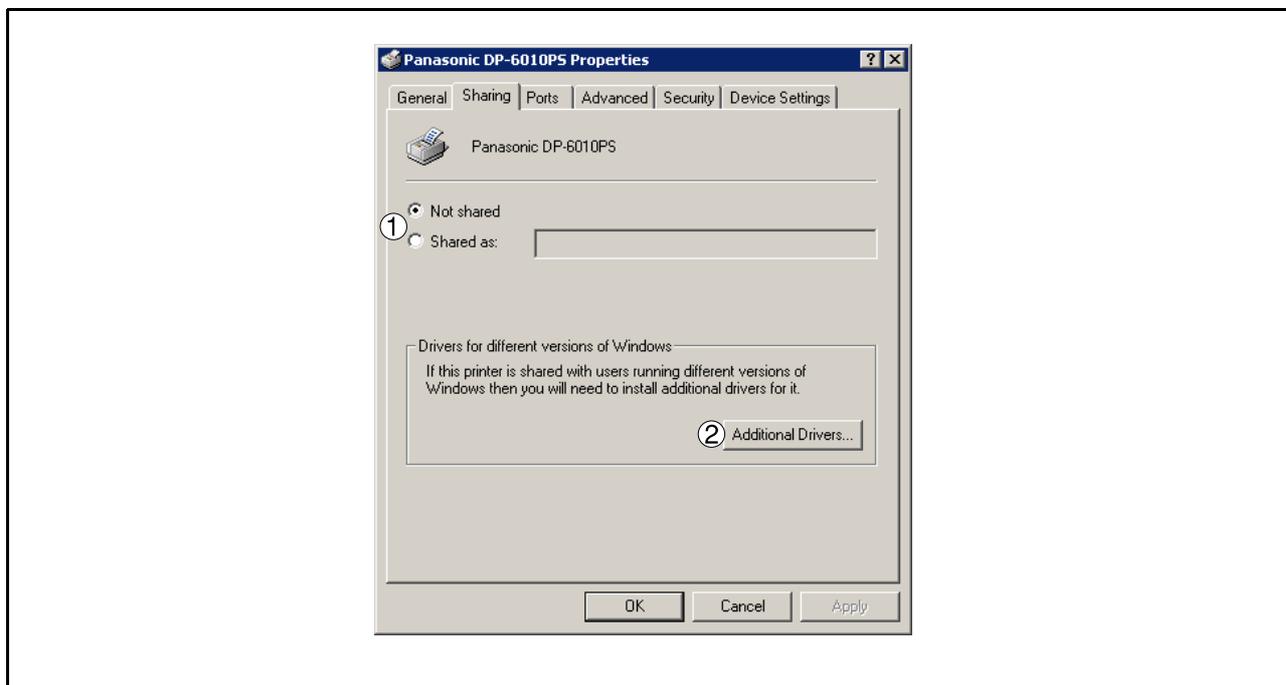
NOTE

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 85)

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

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.

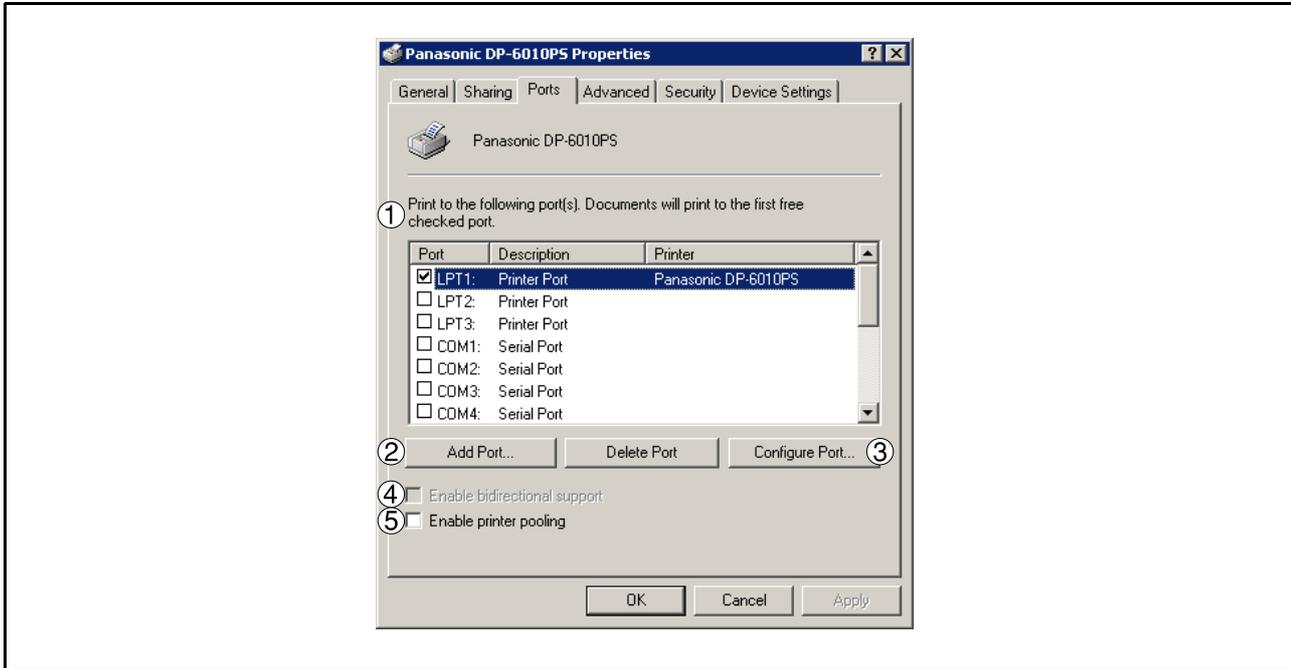
NOTE

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

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

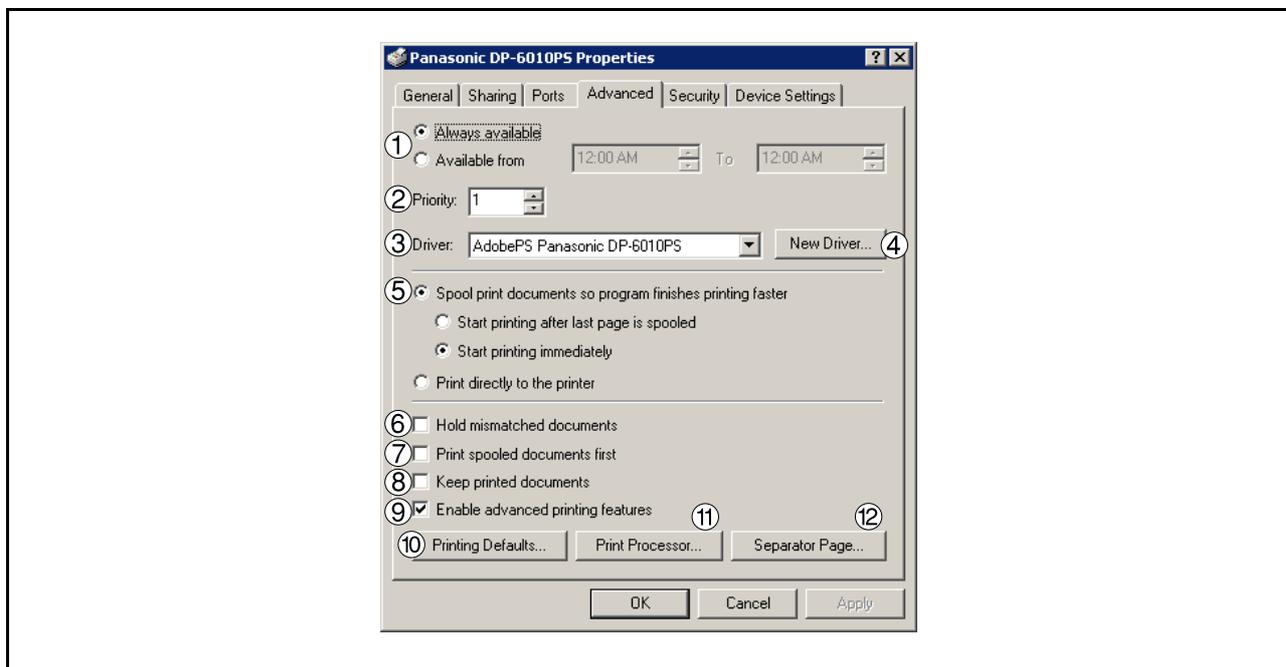
5. Enable printer pooling

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.

Configuring the Printer Driver Settings

Windows 2000/XP (Administrator Settings)

9. Enable advanced printing features

Enables advanced printing features. Optional features of the printer (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.

10. 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 85)

11. 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.

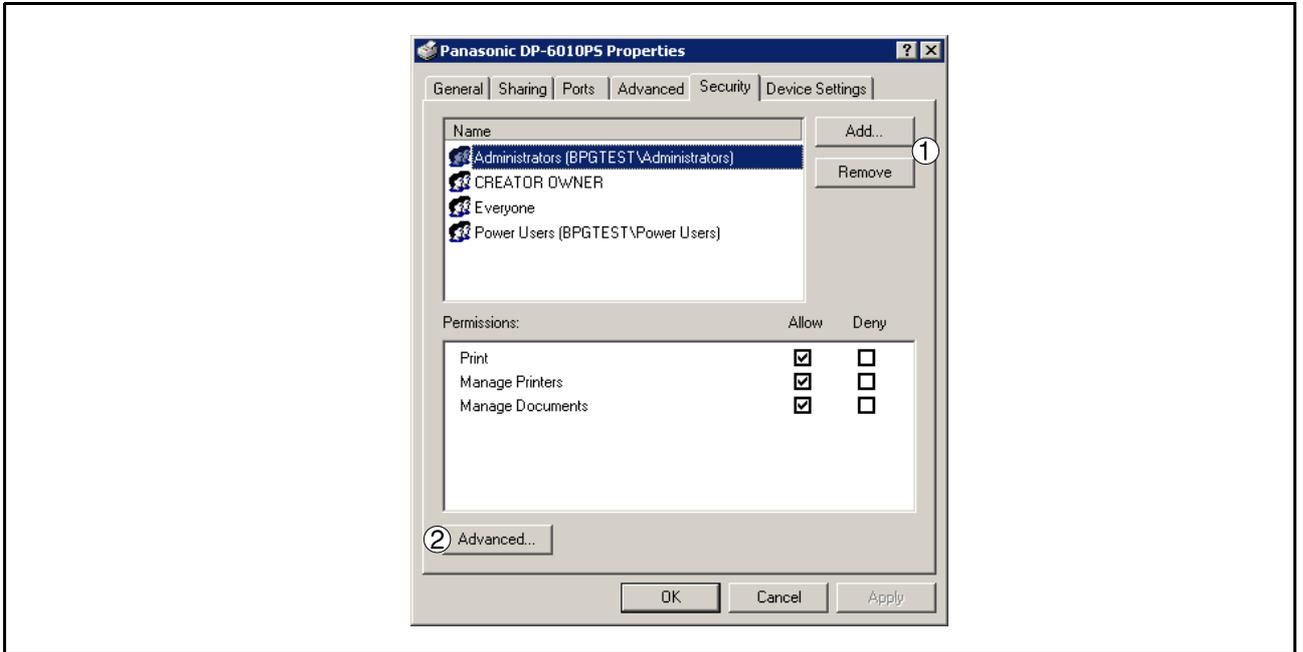
12. button

This feature is not available on your machine.

Configuring the Printer Driver Settings

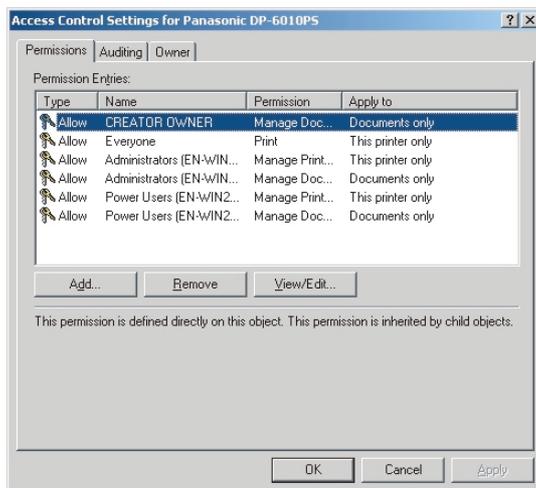
Windows 2000/XP (Administrator Settings)

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.



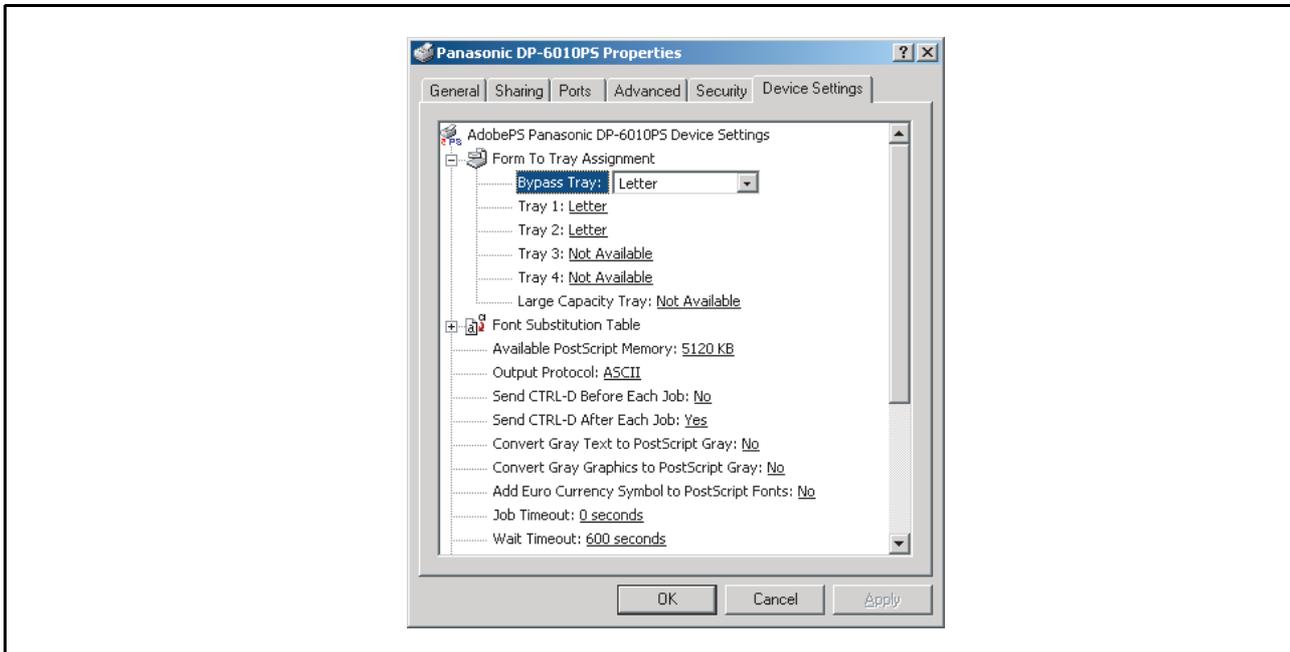
NOTE

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 paper 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.

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 for the printer if an optional system console is installed.

- **Large Capacity Paper Tray (LCT)**

Select if a Large Capacity Paper Tray is installed.

- **Finisher**

Select the type of Finisher if a Finisher is installed.

- **Punch Unit**

Select if a Punch Unit is installed.

- **Hard Disk Drive**

Select if the HDD Unit is installed.

- **Memory**

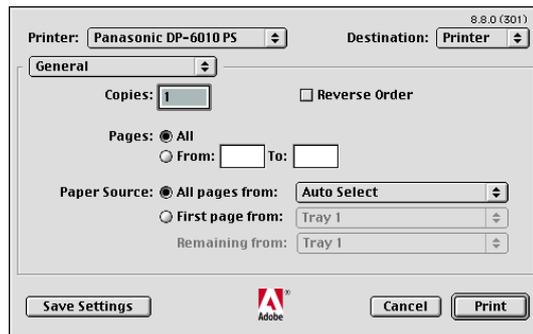
Select the memory (Standard or additional).

(Only available if the optional HDD unit (DA-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 **Save Setting** button to save the current settings for the default values.

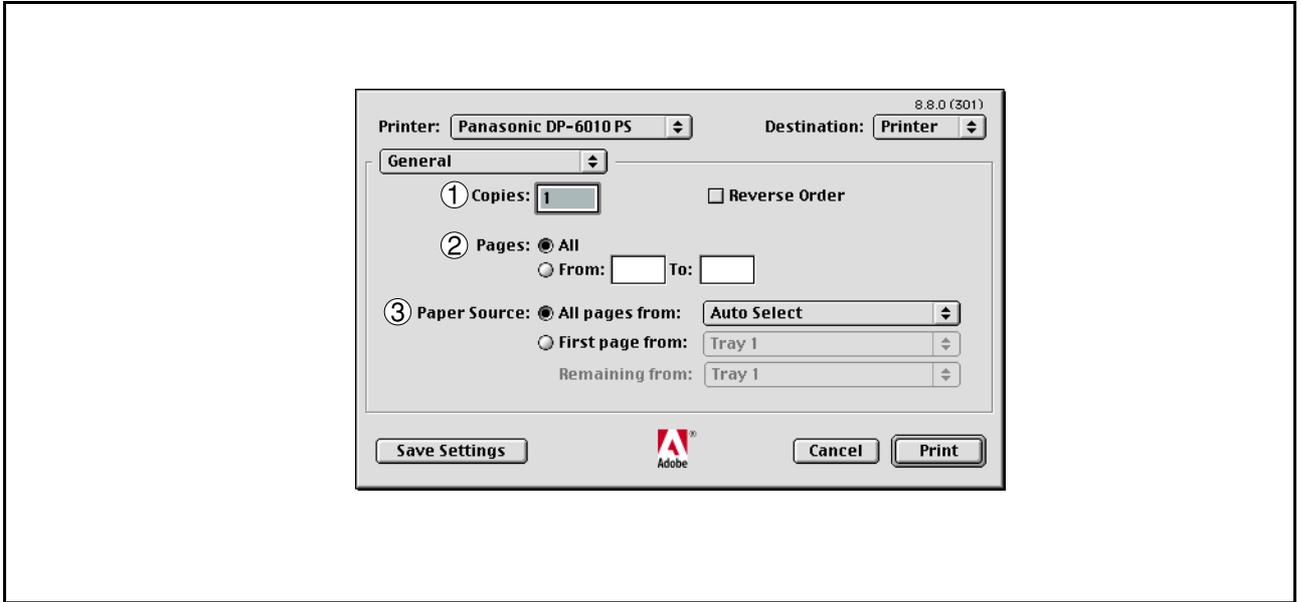
Mac OS X:

Select the **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.

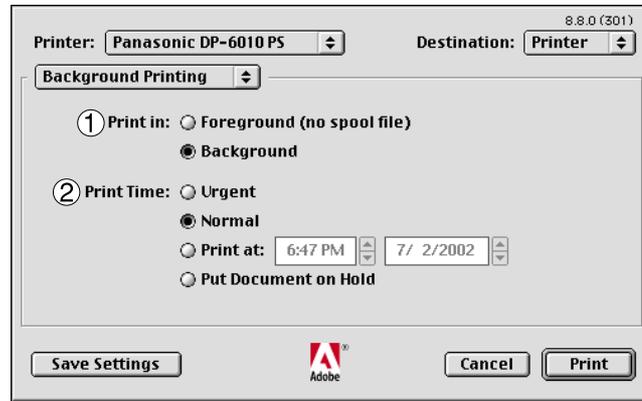
3. Paper Source

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

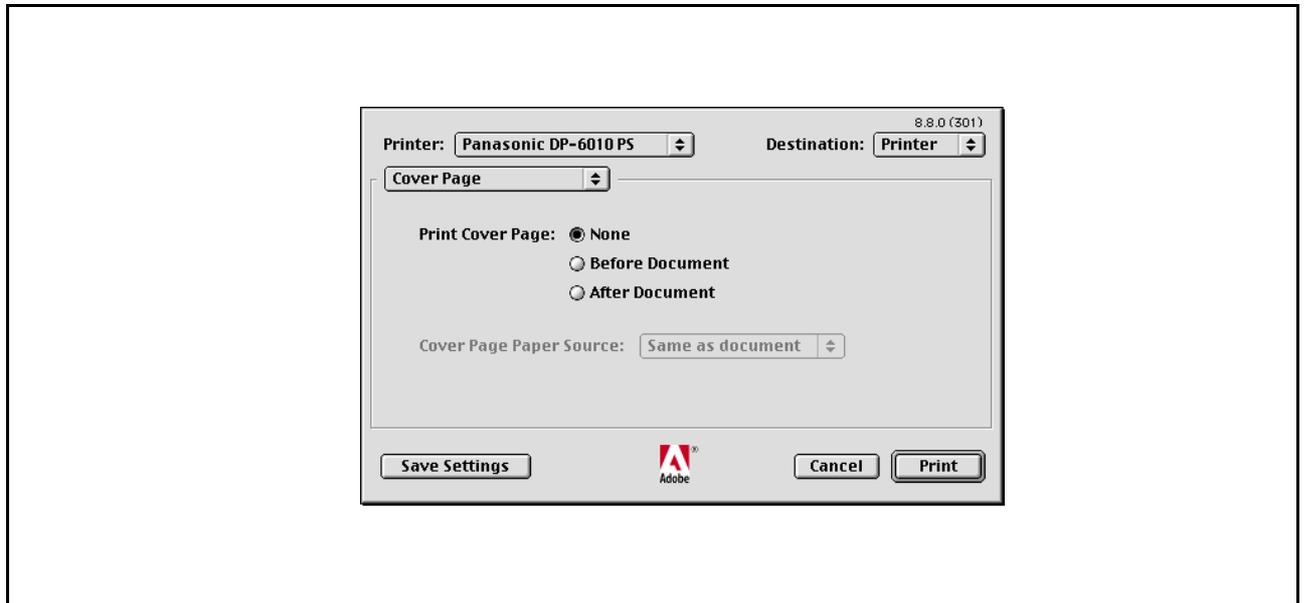
Schedules when the printer outputs current documents.

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



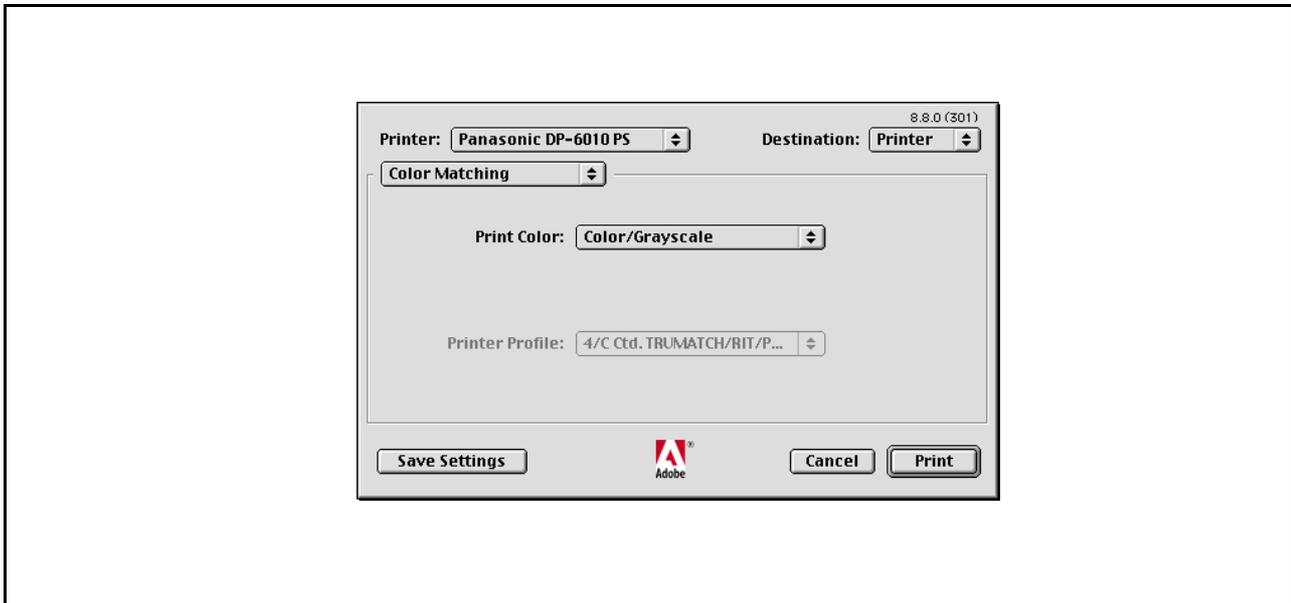
NOTE:

This feature is not available on your machine.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Color Matching menu



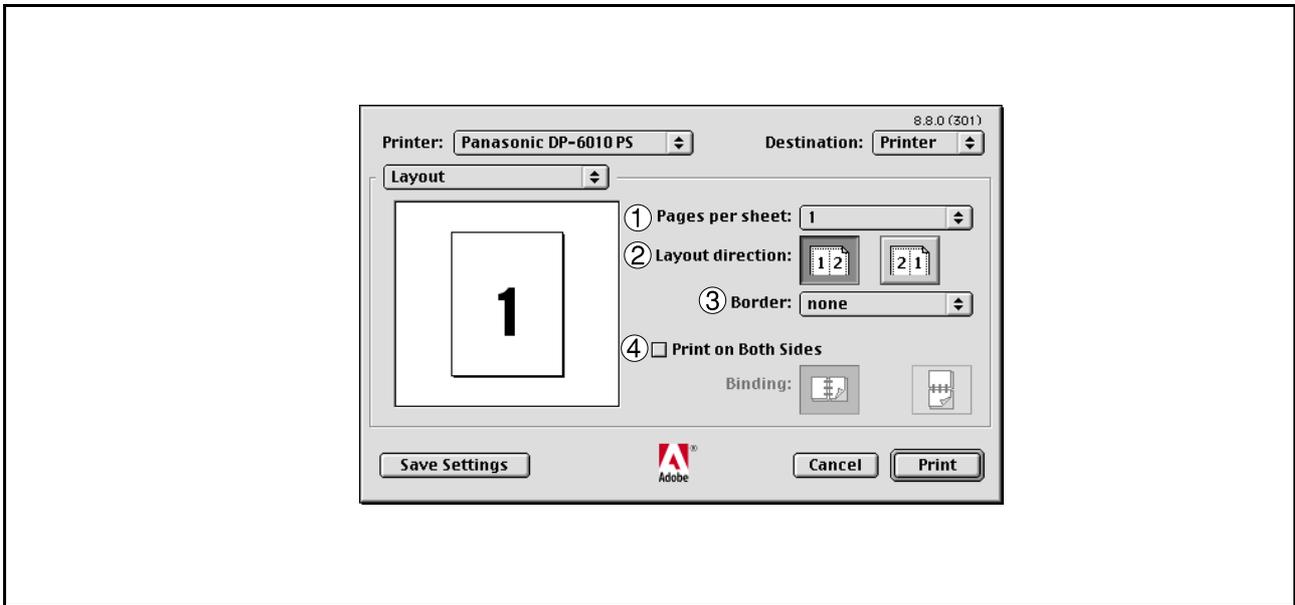
NOTE:

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.

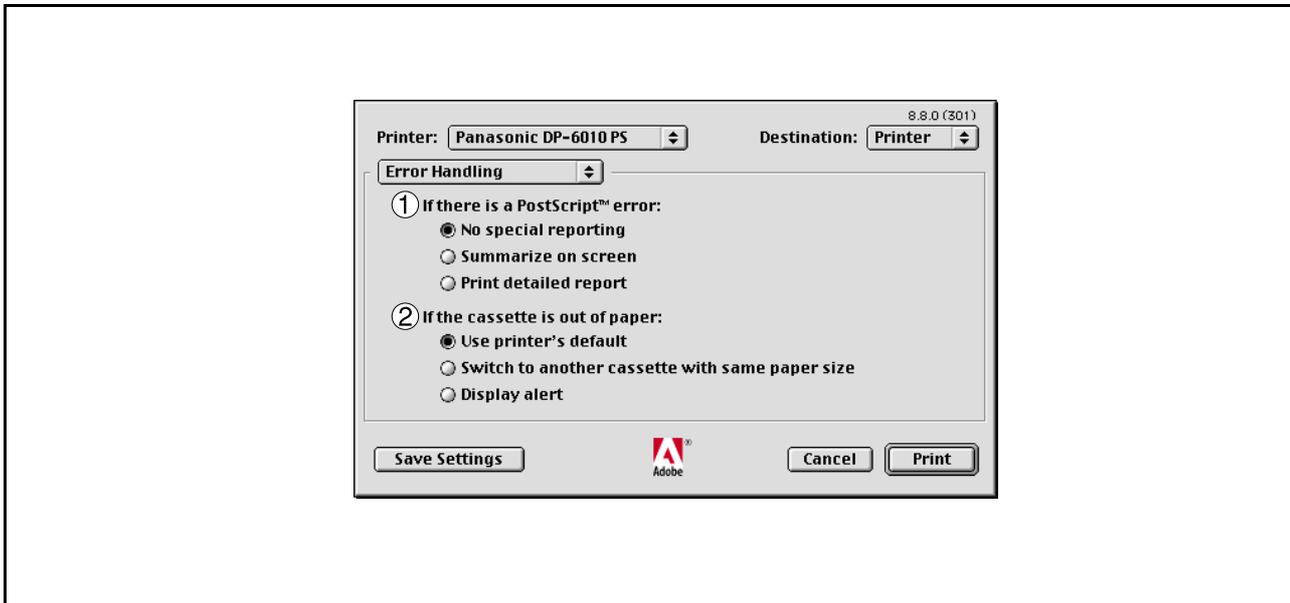
4. Print on Both Sides / Binding

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.

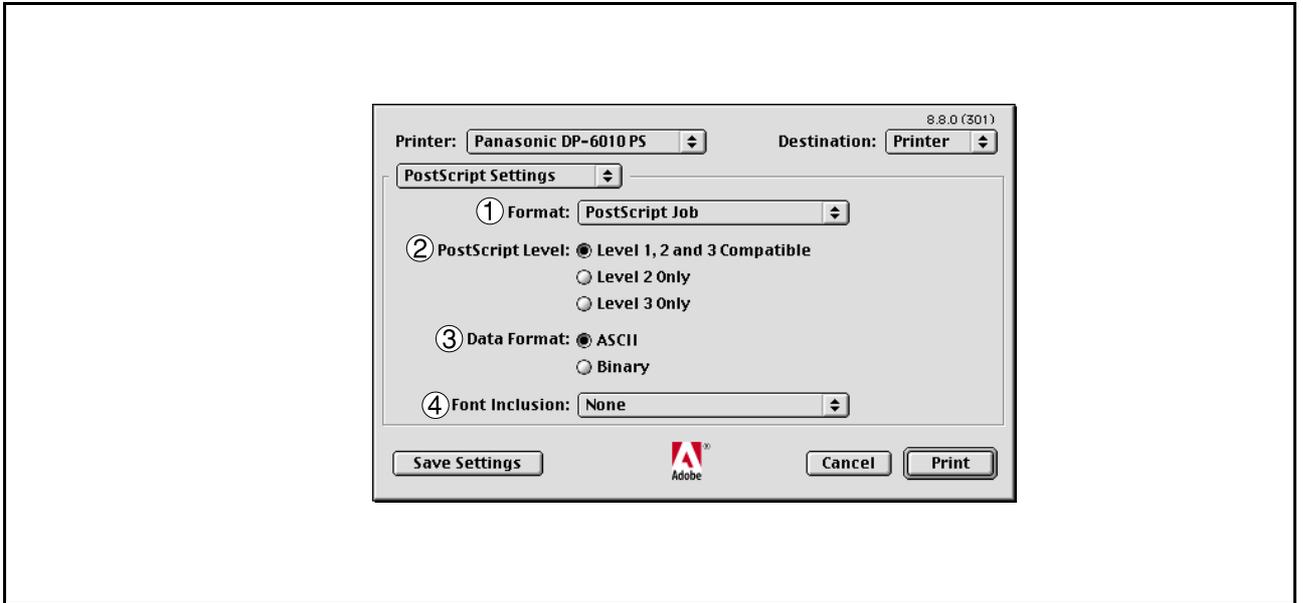
2. If the cassette is out of paper

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.

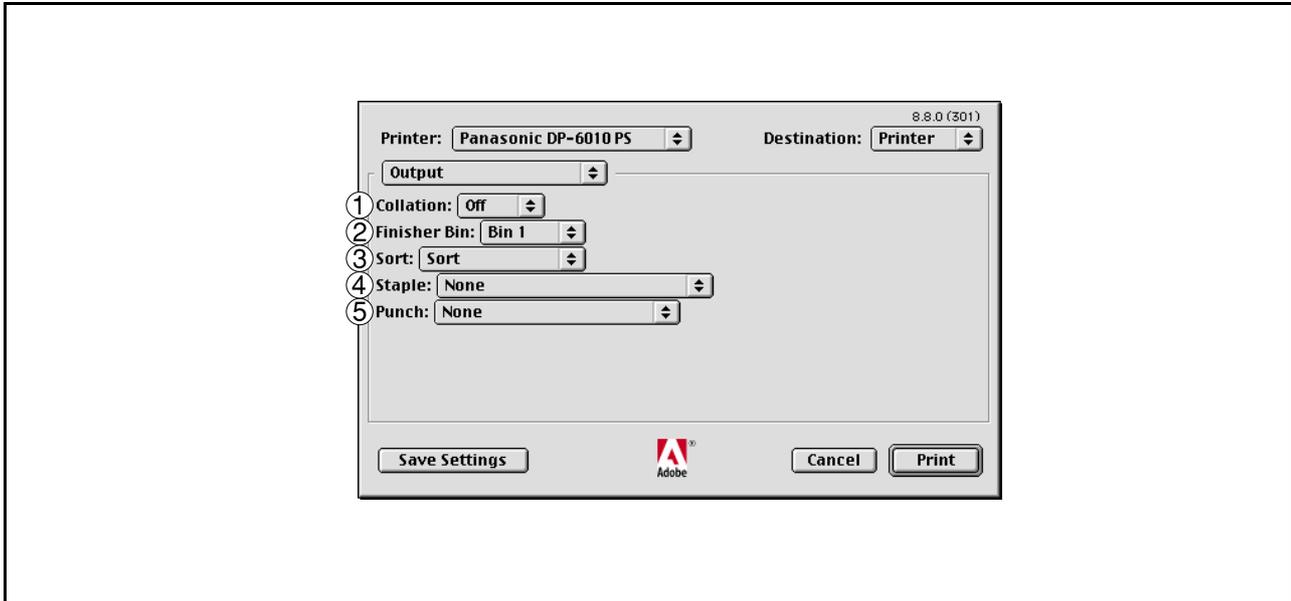
4. Font Inclusion

Specifies the font inclusion for the PostScript print.

Configuring the Printer Driver Settings (Macintosh)

Mac OS 8.6/9.x

Output menu



1. Collation

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

2. Finisher 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.

3. Sort

Select whether to Stack or Sort when printing multiple copies.

4. Staple

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

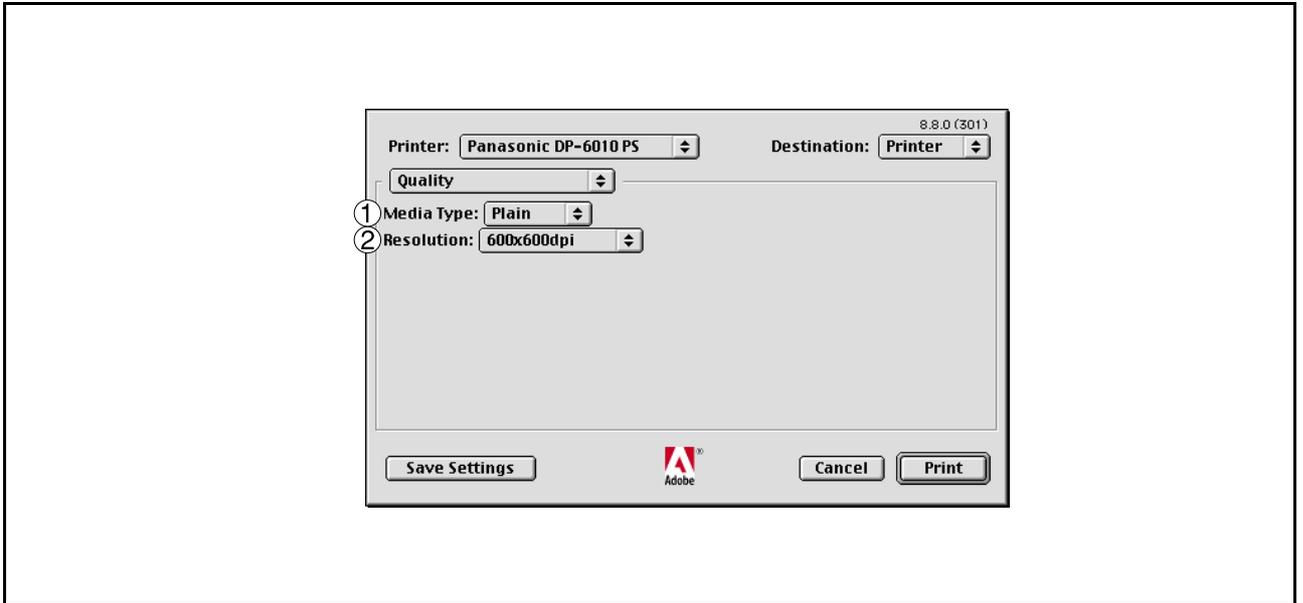
5. Punch

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.

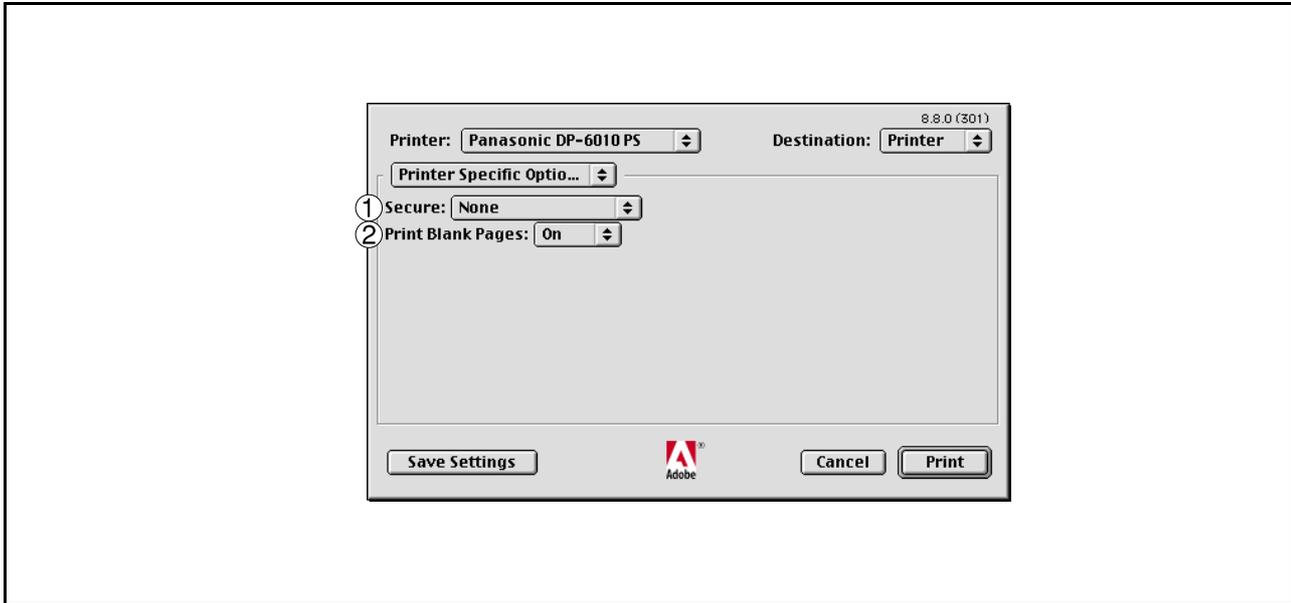
2. Resolution

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-HD60) is installed.

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

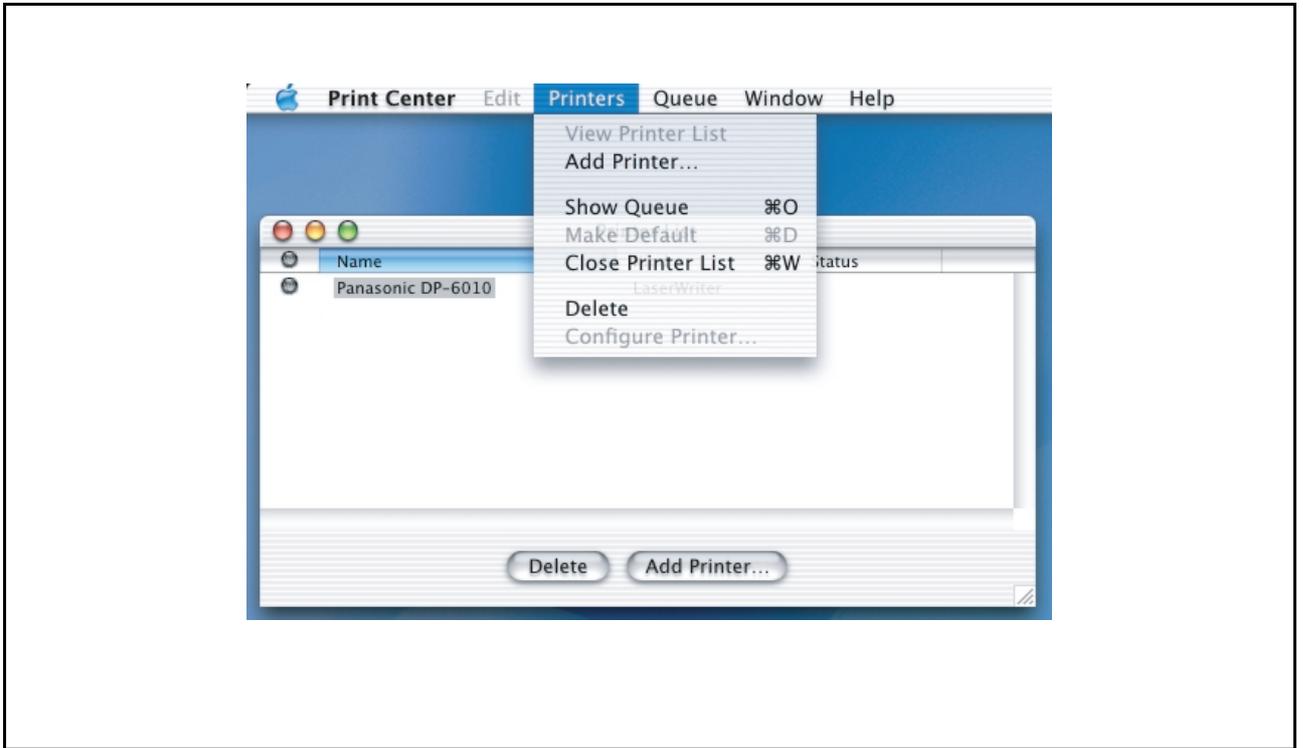
2. Print Blank Pages

Select whether the blank pages are printed or not.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

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.

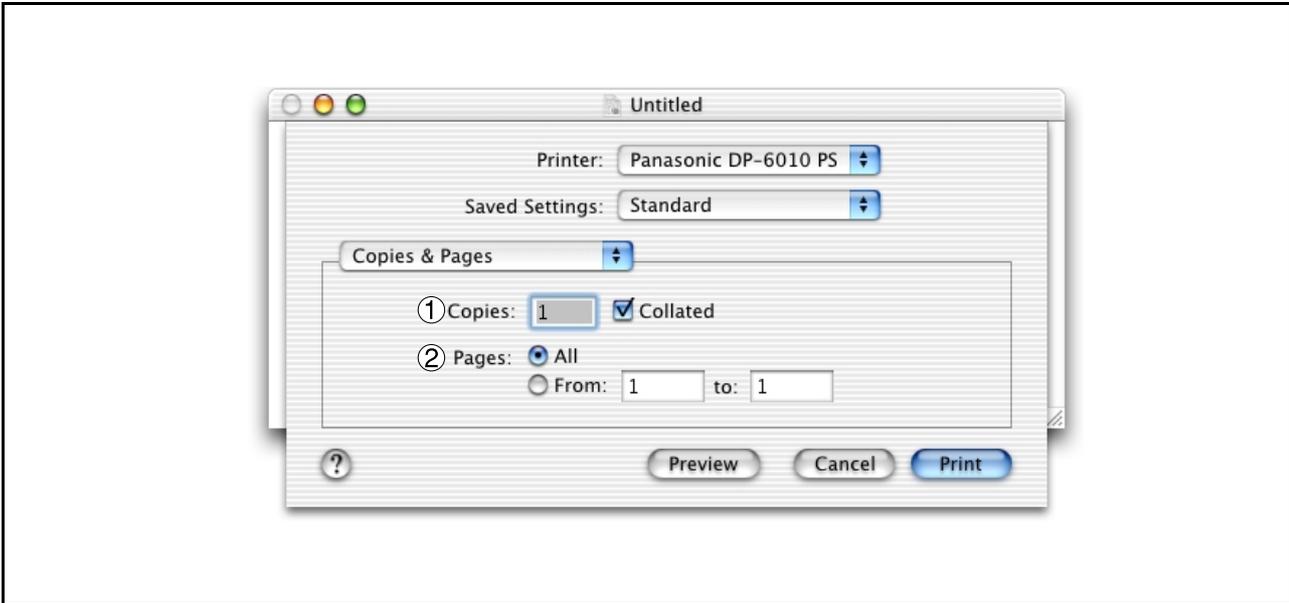


For details, refer to Support on Apple's website (<http://www.info.apple.com/>).

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Copies & Pages menu



1. Copies

Specify the number of copies to be printed.

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

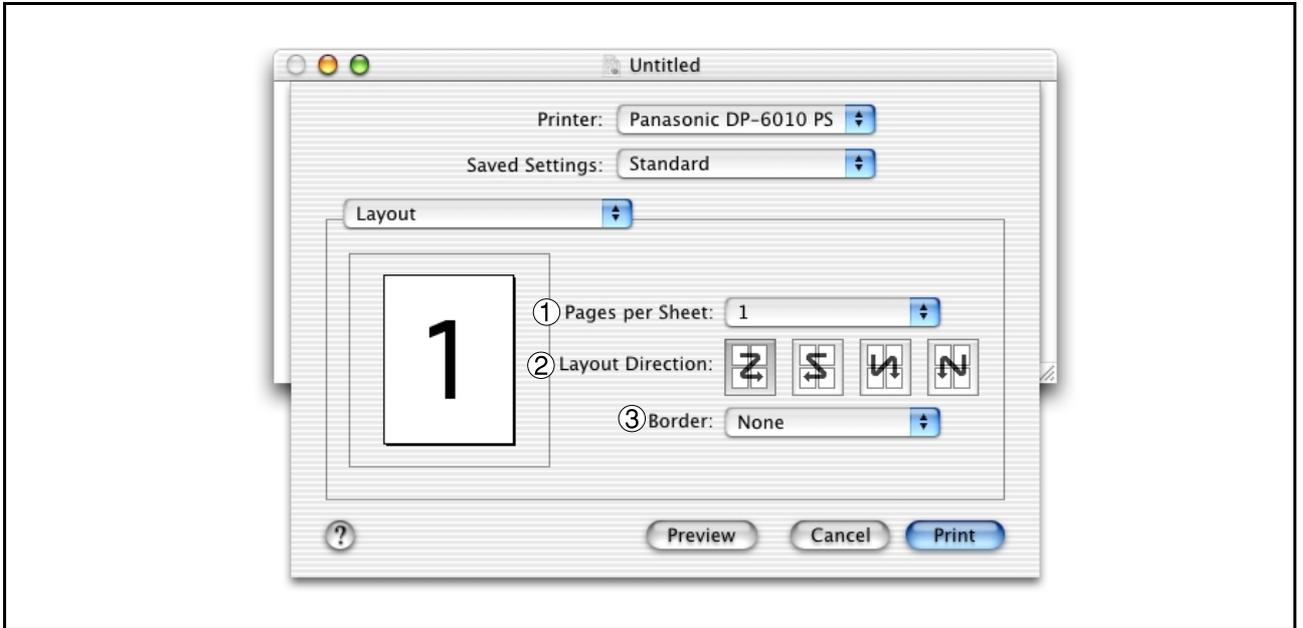
2. Pages

Specify the range of printing pages.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Layout menu

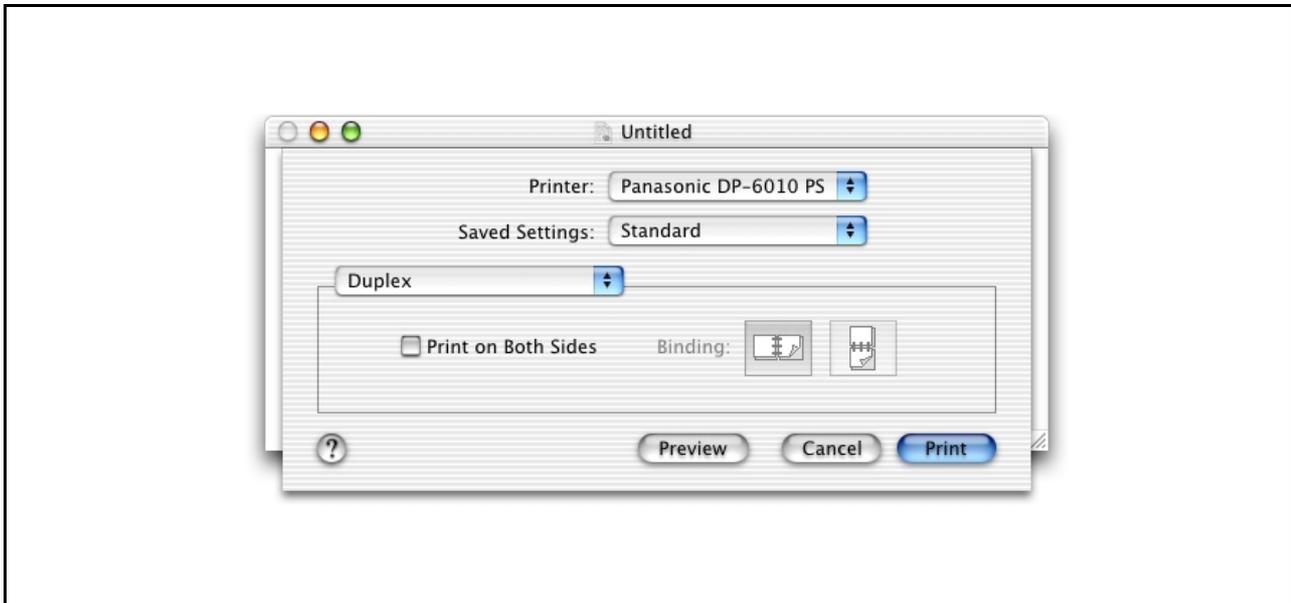


- 1. Pages per sheet**
Specify the number for printing multiple documents on a single sheet of paper. Select this option to view an example.
- 2. Layout direction**
Specify the layout direction for printing multiple documents on a single sheet of paper. Select this option to view an example.
- 3. Border**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



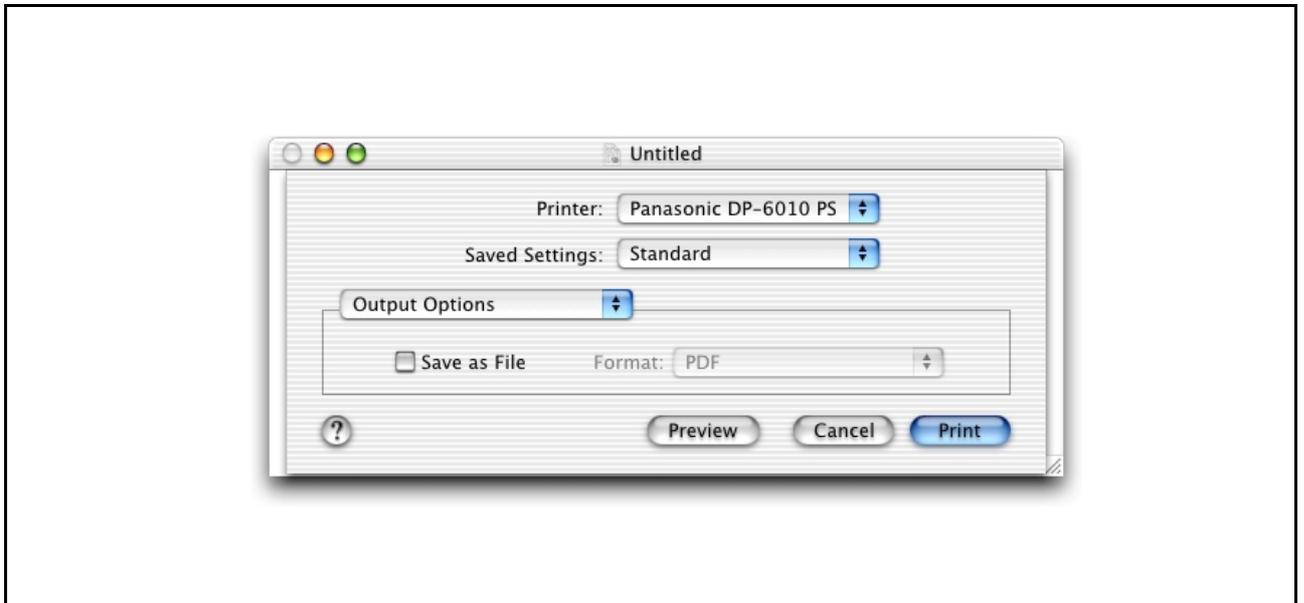
Print on Both Sides / Binding

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



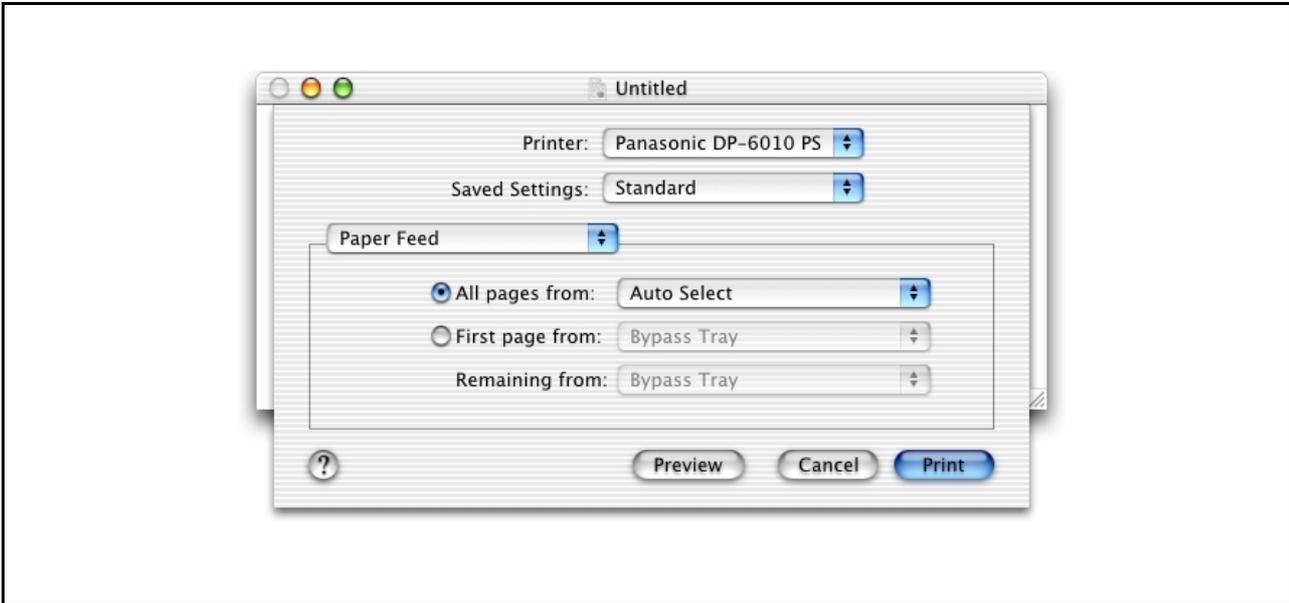
Save as File / Format

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



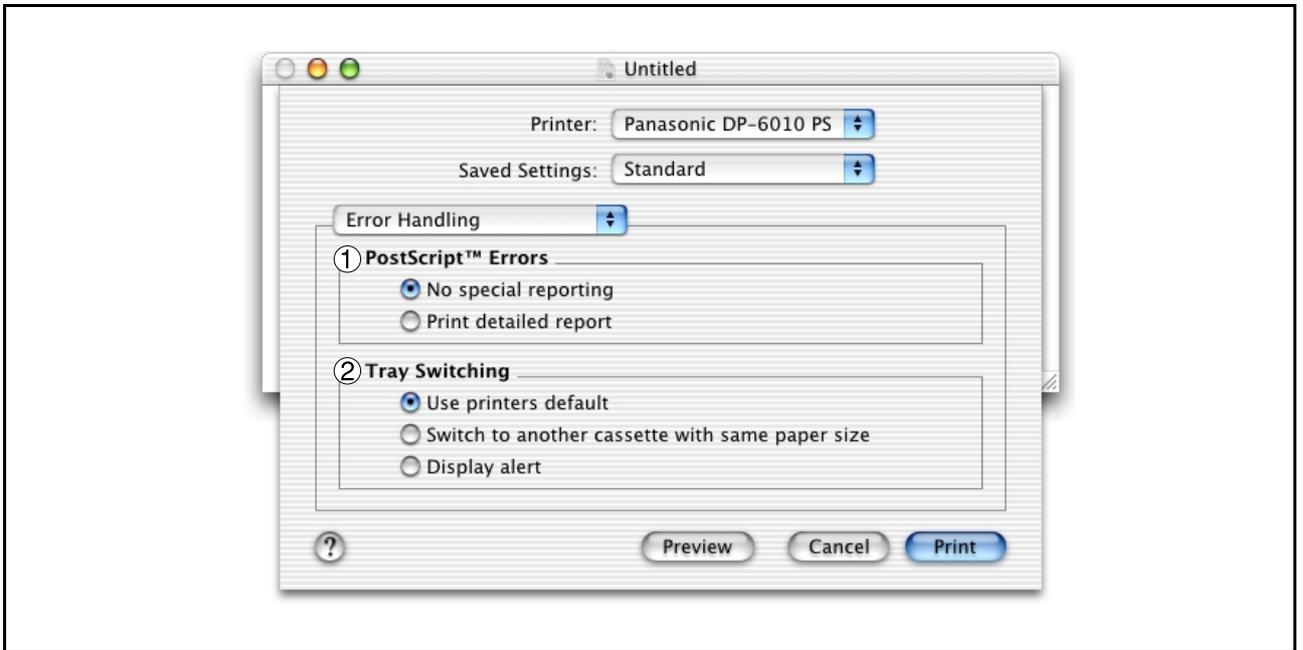
All pages from / First pages from

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

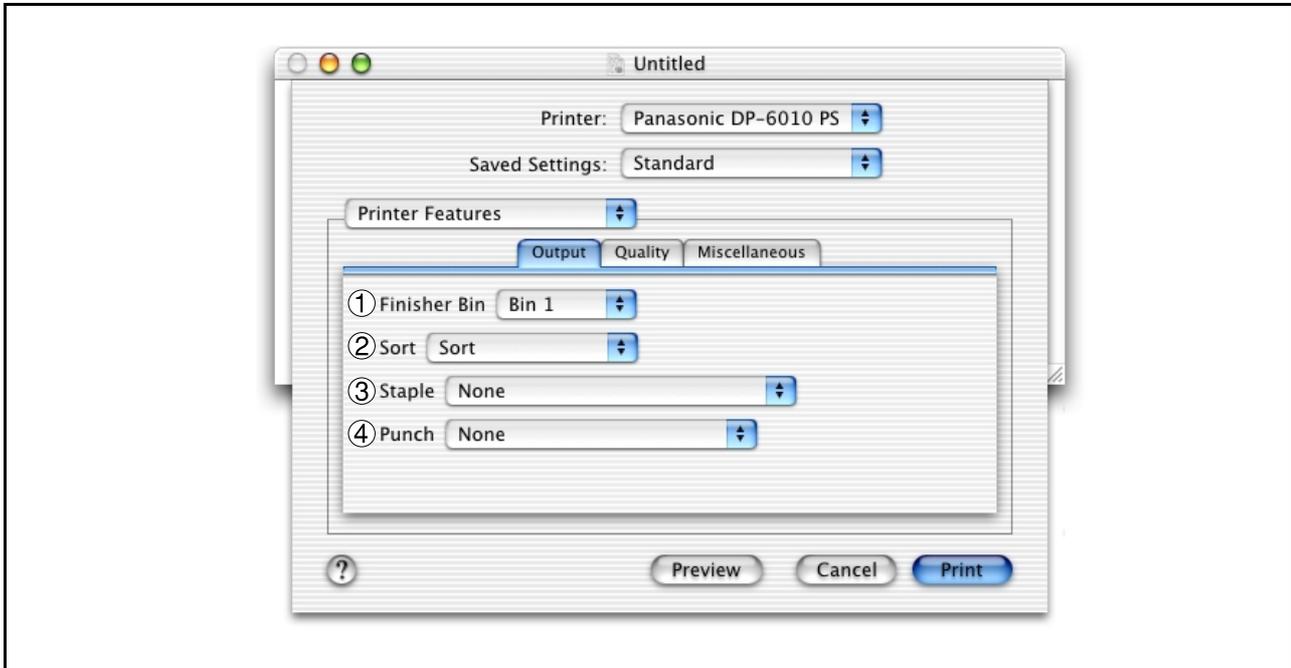
Specify what will happen if paper runs out in the chosen paper tray.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

Printer Features menu

Output tab:



1. **Finisher Bin**

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-FS600, FS605, FS330 or FS355) is installed.

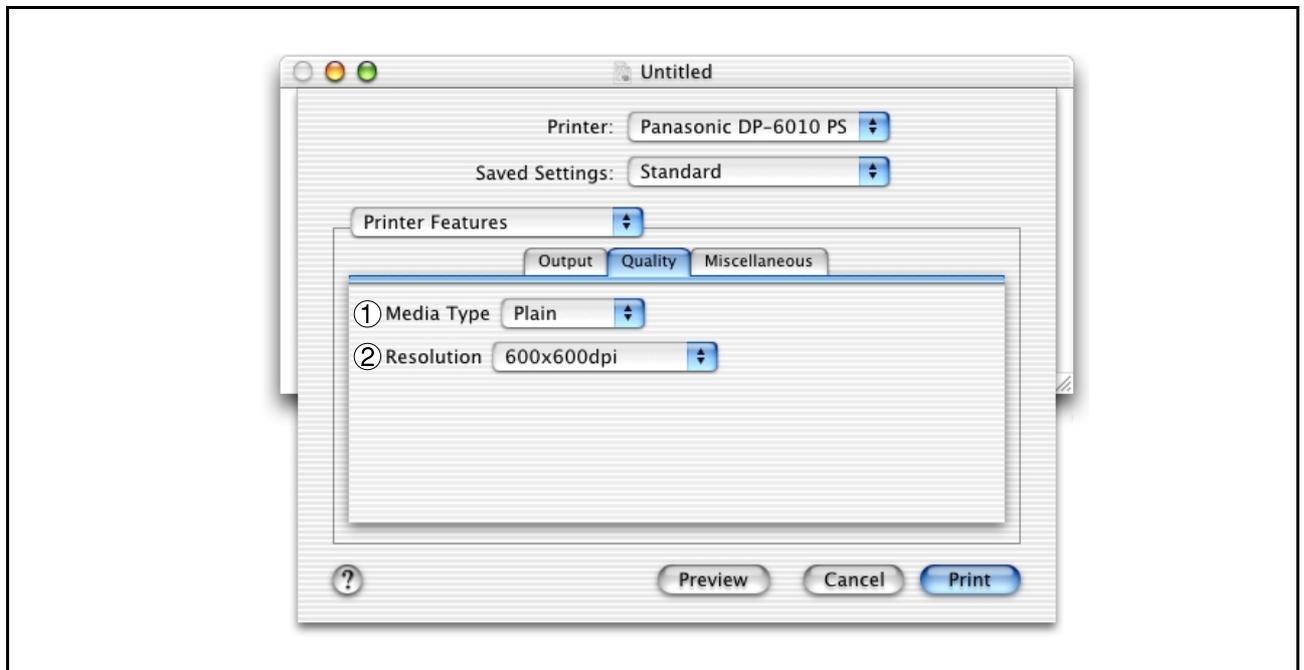
4. **Punch**

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.

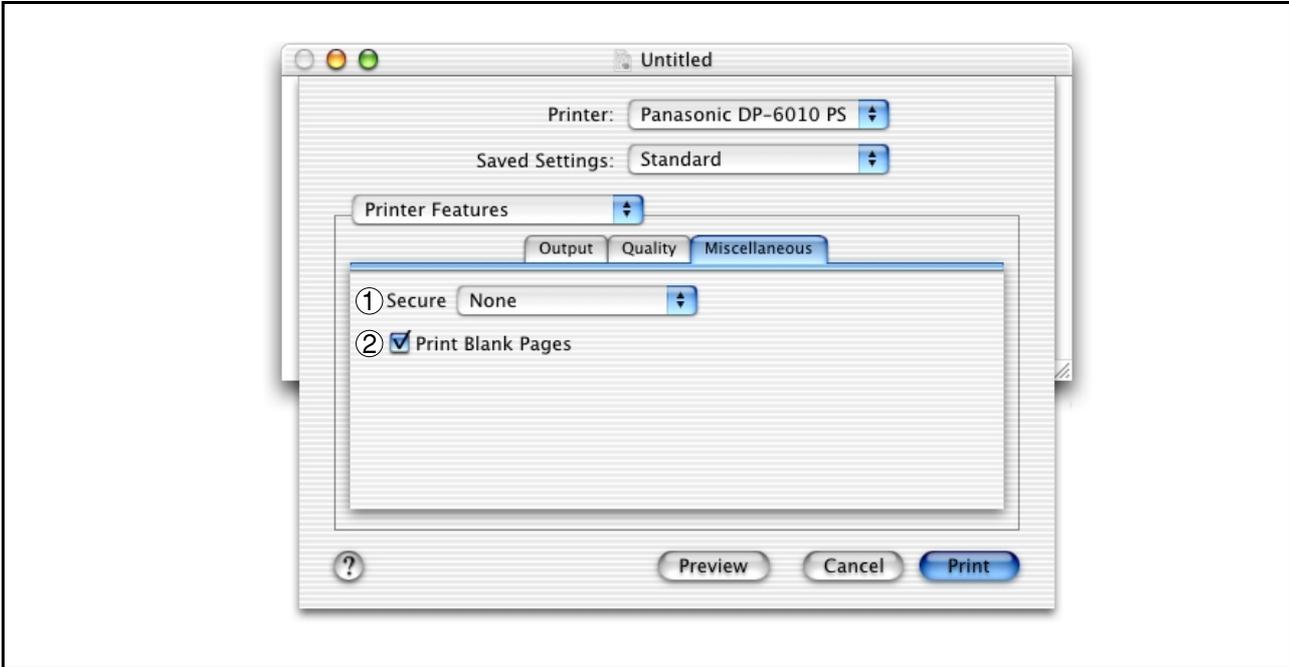
2. Resolution

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-HD60) is installed.

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

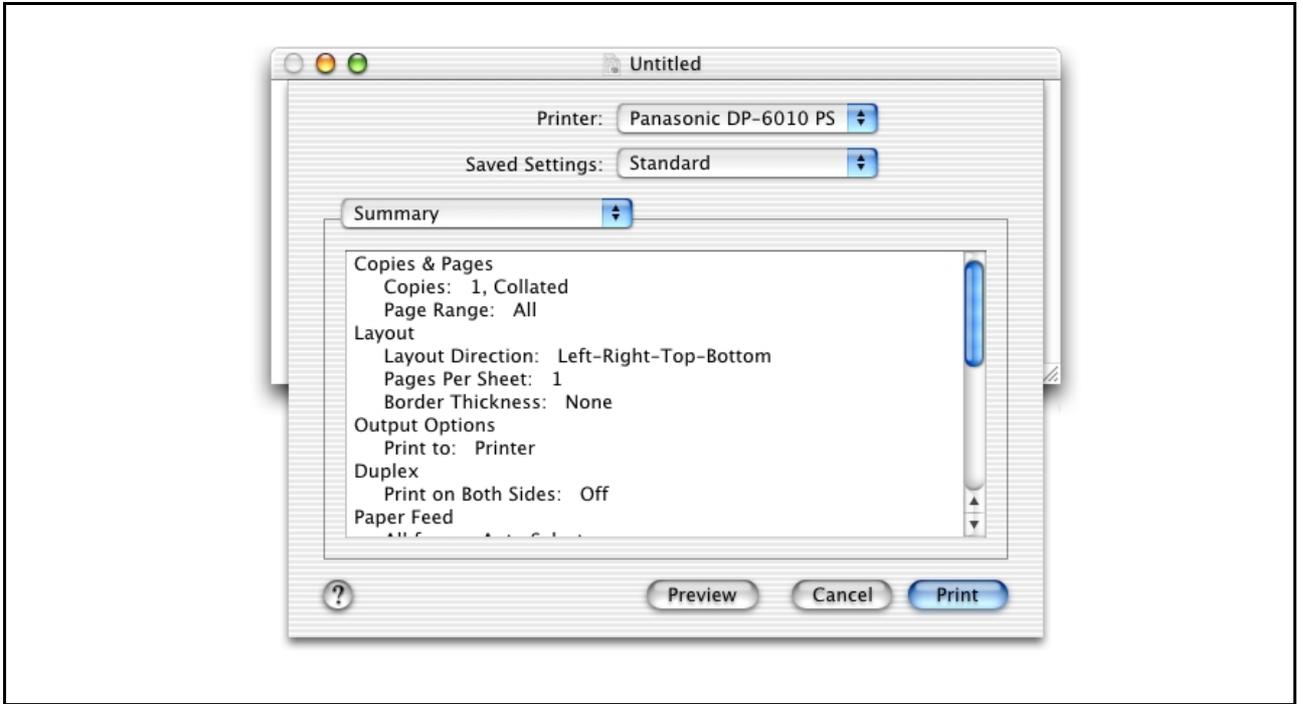
2. **Print Blank Pages**

Select whether the blank pages are printed or not.

Configuring the Printer Driver Settings (Macintosh)

Mac OS X

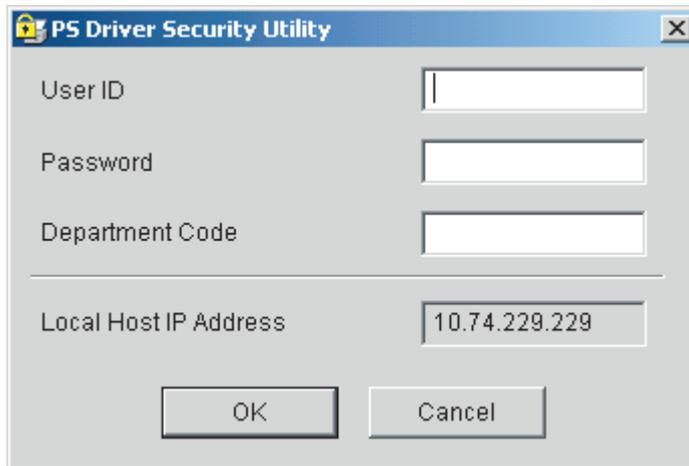
Summary menu



Functions and settings of the printer are displayed.

Configuring the PS Driver Security Utility

Windows 98/Me/NT/2000/XP



The screenshot shows a dialog box titled "PS Driver Security Utility" with a lock icon in the title bar. It contains four input fields: "User ID", "Password", "Department Code", and "Local Host IP Address". The "Local Host IP Address" field contains the value "10.74.229.229". At the bottom of the dialog are "OK" and "Cancel" buttons.

- **User ID**
Input the user ID (8 numbers maximum) to be used for MailBox or Secure MailBox.
- **Password**
Input the password (4 numbers maximum) 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.

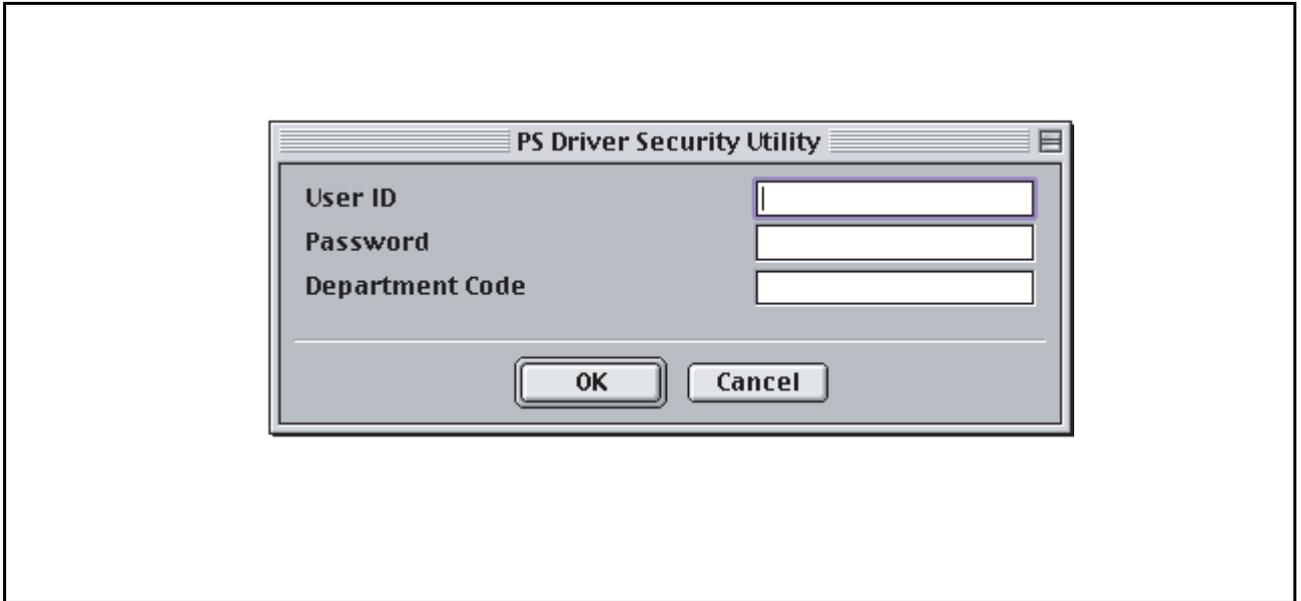
NOTE

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

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.



- **User ID**
Input the user ID (8 numbers maximum) to be used for MailBox or Secure MailBox.
- **Password**
Input the password (4 numbers maximum) 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.

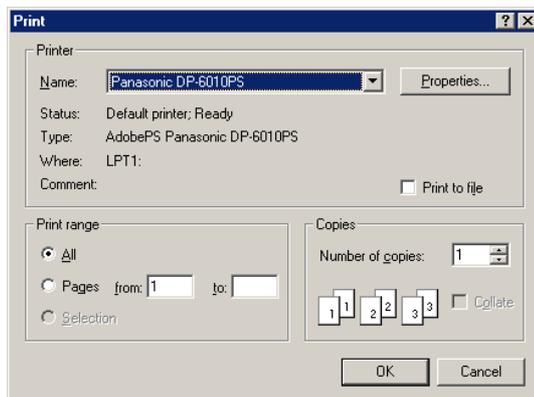
NOTE

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.

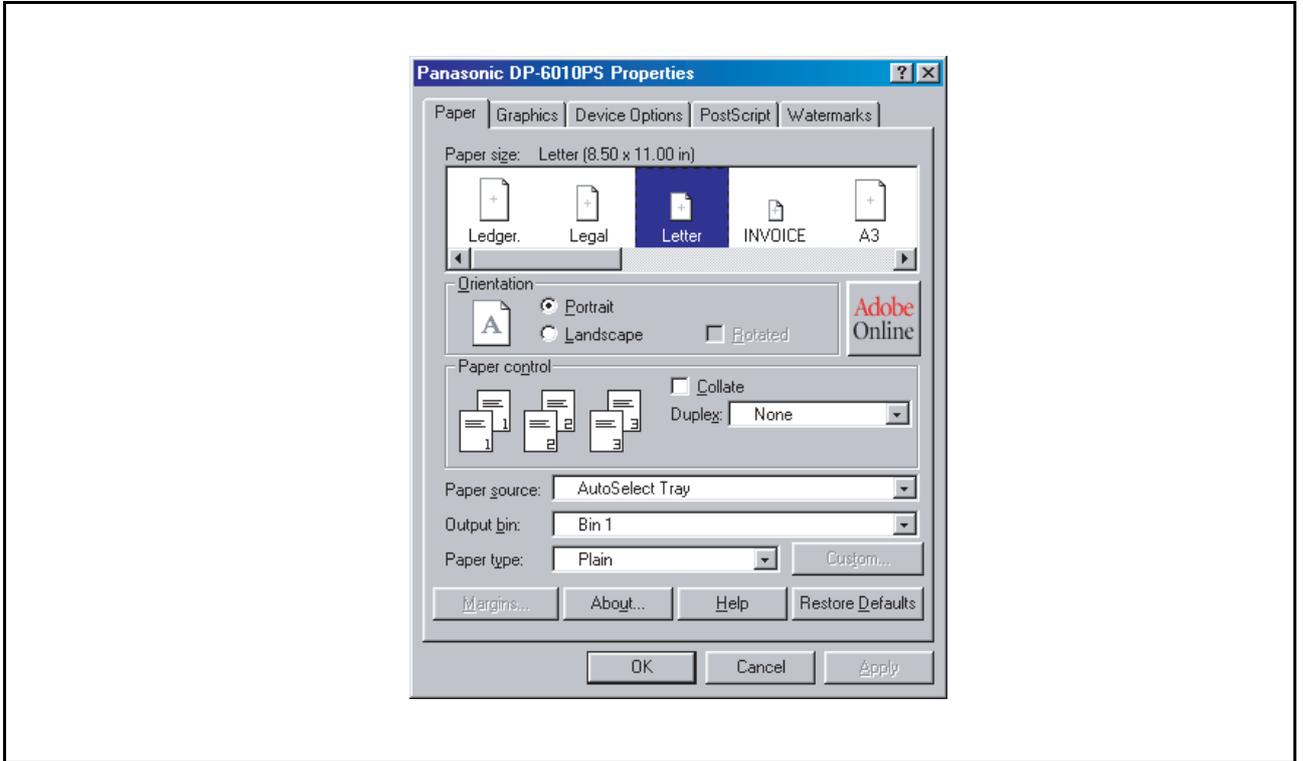
NOTE

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

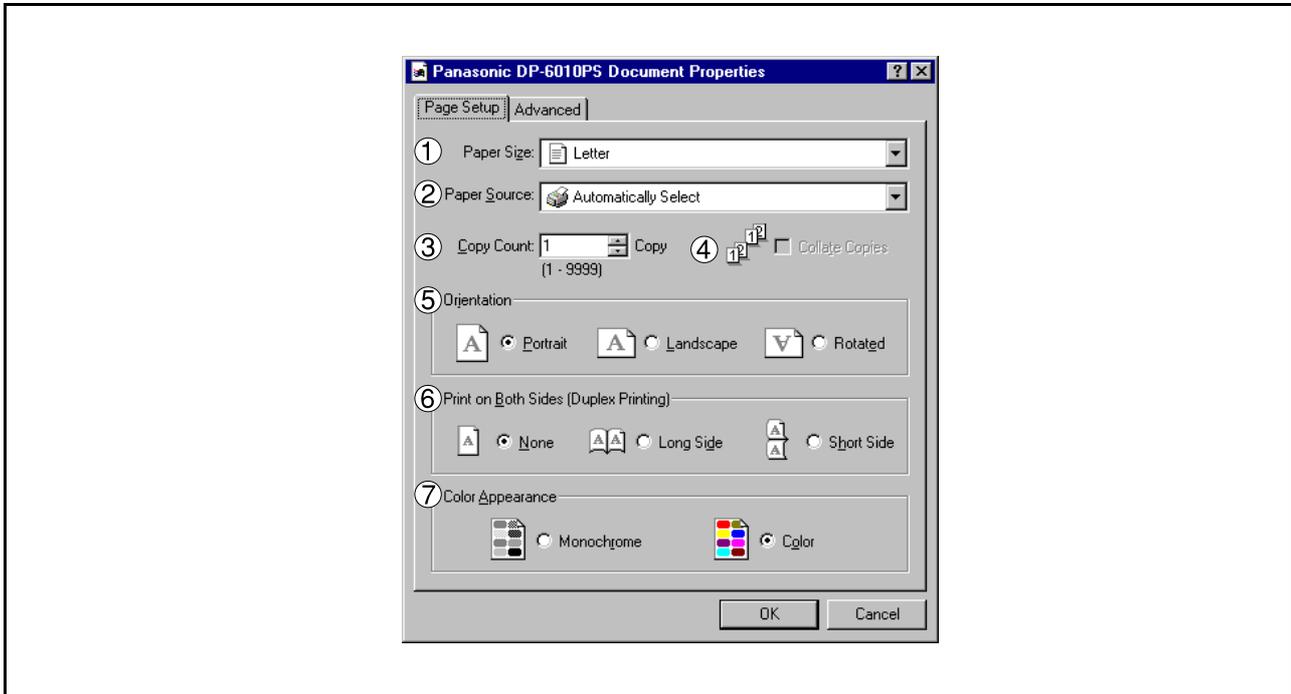
Paper Tab



Refer to "Configuring the Printer Driver Settings" for details on settings (See page 37).

Windows NT 4.0 (User Settings)

Page Setup Tab

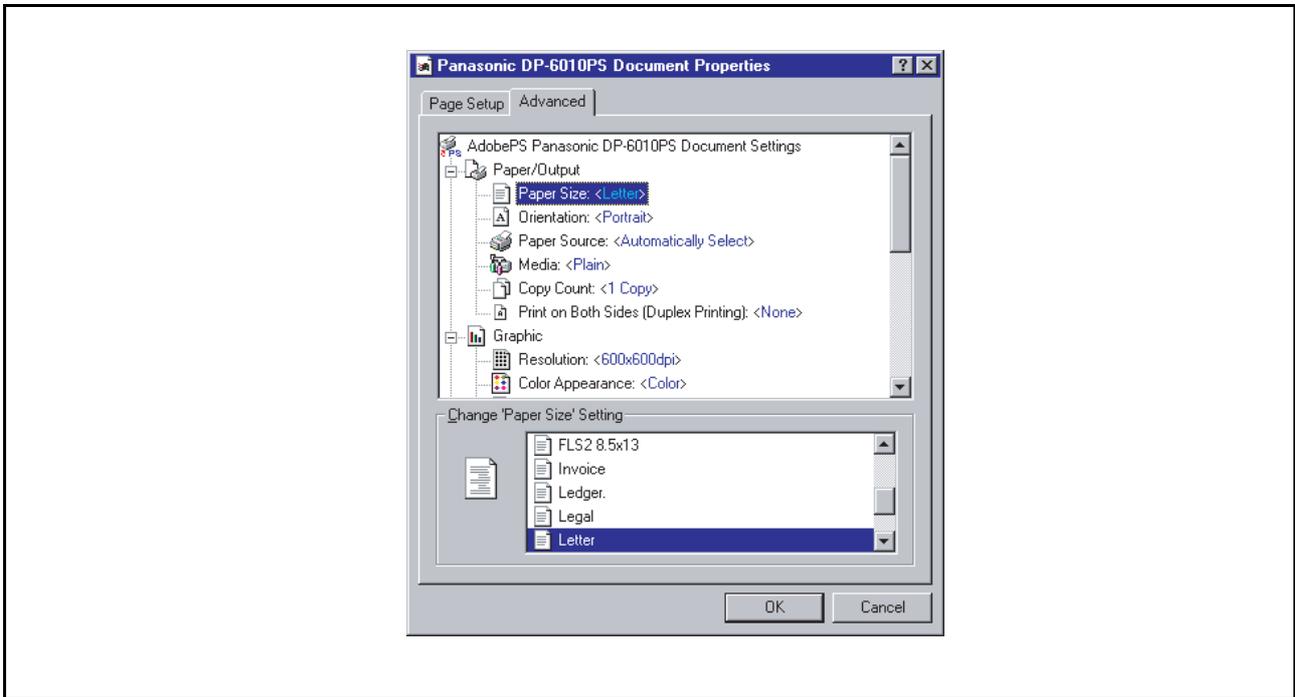


- 1. Paper Size**
Select a document size.
- 2. Paper source**
Specify where the paper you want to use is located in the device. If you choose **Automatically Select**, the printer driver will automatically select an appropriate tray according to the Paper Size selected.
- 3. Copy Count**
Specify the 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**
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)

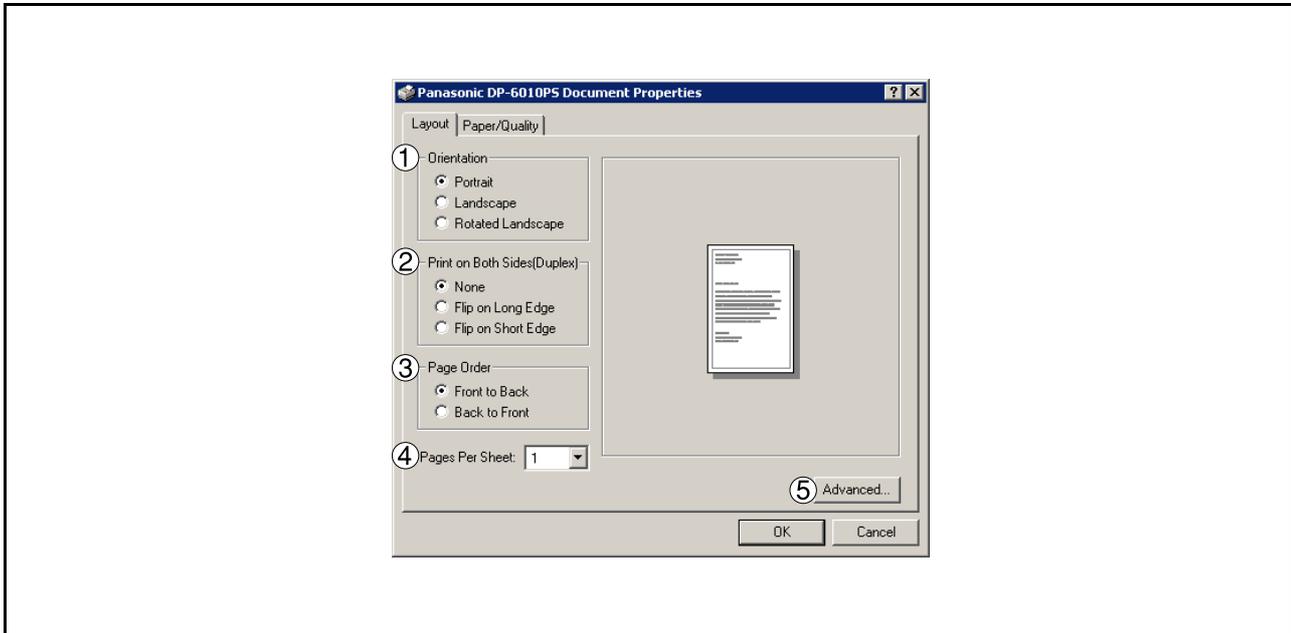
Advanced Tab



Specifies advanced printer settings and options. Refer to "Windows NT 4.0 (Administrator Settings)" (See page 51).

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

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.

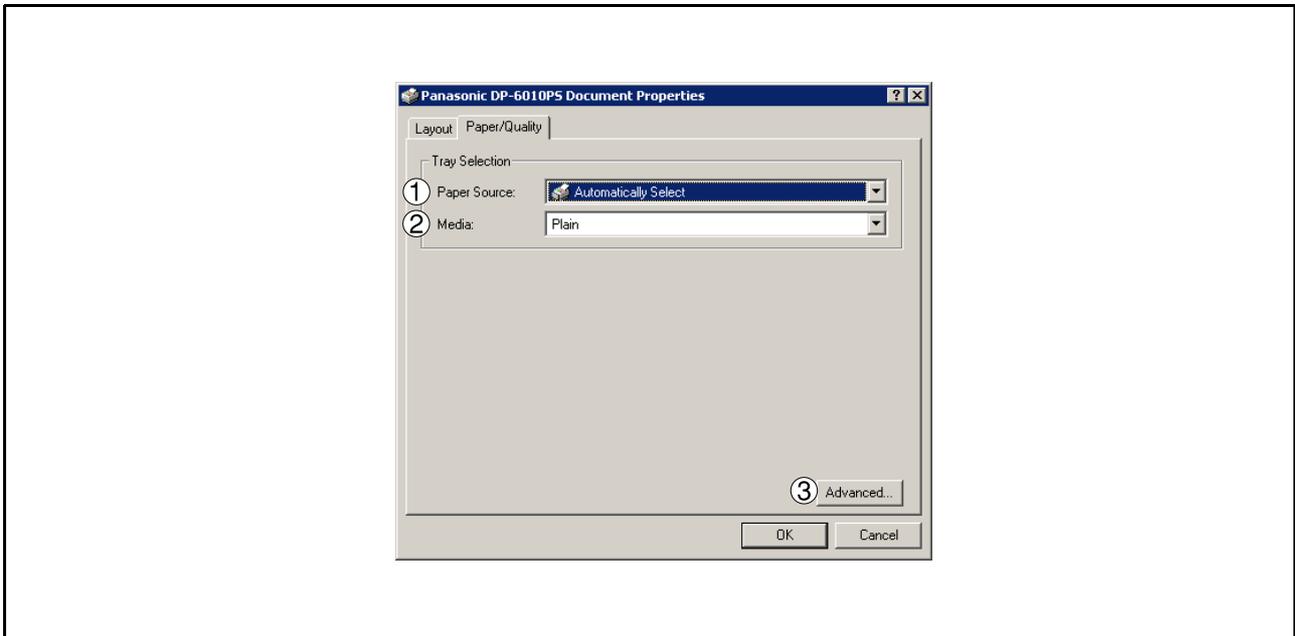
5. button

Specifies advanced printer settings and options. Refer to "Windows 2000/XP (Administrator Settings)" (See page 59).

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.

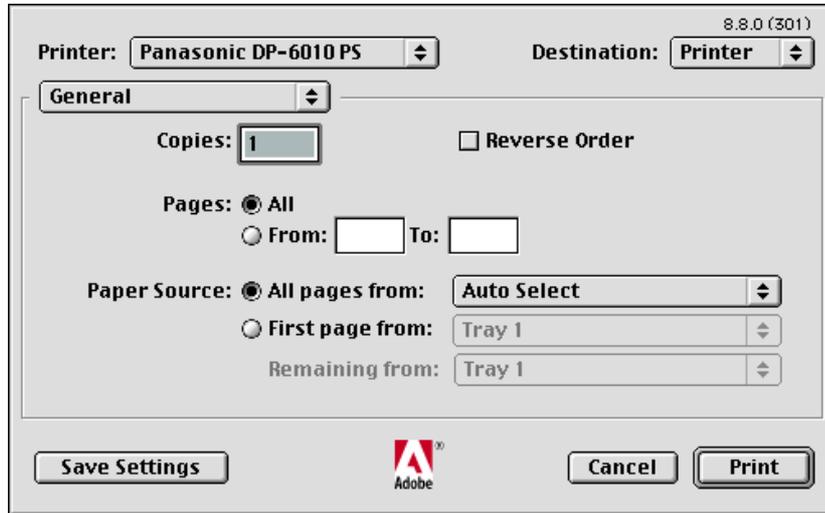
3. button

Specifies advanced printer settings and options. Refer to "Windows 2000/XP (Administrator Settings)" (See page 59).

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 61).

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.

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.

Additional Information about the Printing System

- About Plug and Play
This printer driver is not Plug and Play-compatible.
- About setting of functions
When the same function is allowed to be set by both the application and the printer driver, the priority of setting may be on the application side in some cases, and on the printer driver side in other cases.
- About rasterizing process
As all rasterizing process is performed on the computer side, the printing time depends on the processing capability of the computer.
- About Scaling
Scaling may not function correctly in some applications. In this case, specify a zoom rate on the printer driver to match the same size as the item being printed (100%).
- About printing through a network
When printing with the spooler setting set to [Print directly to the printer], stacked printing data in the spooler may prevent printing. In this case, restart Windows on the Server and Client PC. Then, change the spooler setting to other than [Print directly to the printer], and perform printing again.
- About printing through LPT1 on Windows 98/Me
If an LPT1 write error occurs, please change the spooler setting to [Start printing after last page is spooled].
- If there are other pending document files when deleting documents during printing, deleting only documents during printing may disturb images of the pending files.
In this case, delete the pending files as well. Then, turn the machine Off and On, and re-print the file(s) again.
- About energy saver mode
LPT1 write error occurs when the device is in the Energy Saver Mode (Sleep), Press the Energy Saver key on the device to make it revert from the Energy Saver Mode (Sleep).
- When using N in 1, and there are different document sizes in a file, N in 1 combines the documents with the same size and then prints accordingly (i.e. You have 3 pages of Letter size documents and 2 pages of Legal size documents. The first 3 pages will be in "2 in 1" format and are printed in Letter size, then the following 2 pages will be in "2 in 1" format and are printed in Legal size).
- If strange data was printed when the job was canceled, select the "Detail" tab in the properties of the printer, click the "Spool Settings" button, check "Spool print jobs so program finishes printing faster", and check "Start printing after last page is spooled". (Windows 98/Me only)
- Do not use "Separator page" under "General" on the Windows printer setting screen.
- For information on restrictions concerning the Adobe PS printer driver, refer to the ReadmeAdobe.wri file displayed when the Adobe PS printer driver is installed.
- This printer driver's help file is the standard help file for Adobe PostScript. For help on the printer specifically, refer to these operating instructions.
- For information on other restrictions, refer to the "enreadme.wri" file in the operating instructions (CD-ROM).
- To use Adobe PageMaker 6.5 with Windows, copy the PPD file on the CD to **c:\pm65\rsrc\UsEnglish\ppd4**.
 1. Copy the printer's PPD file to **\pm65\rsrc\UsEnglish\ppd4** on the hard disc on which Adobe PageMaker 6.5 is installed.
 2. Select "**Print**" from the "**File**" menu.
 3. Set both "**Printer**" and "**PPD**" to "**Panasonic DP-6010PS**".

Restrictions

- About printing from WordPerfect 9
There is a case where the display of a print button becomes [FAX] in the printing of WordPerfect 9. [FAX] button is used for the normal printing.
- With some applications, such functions as Zoom, Nin1, Nup and Watermark may not work properly. If this is the case, click the right mouse button on the desired printer driver at **Start** – **Settings** – **Printer**, select **Standard for document** or **Printer properties** and change the setting for the desired function, then start up the application and print.
If the function still does not work, either use a different application or do not use that function. The function may work properly with the latest version of that application.
- If the font is set to "Substitute with Device Font" or "Substitute printer fonts for True Type fonts when applicable", the True Type fonts on the screen will be substituted with the printer's fonts when printing, so depending on the font the print may look different from the screen. If so, set to "Download as Soffont" or "Do not use printer fonts".
- The Punch function may not work properly, depending on the specified position or paper size. If this is the case, change the paper size or specified position. For paper sizes supported by the finisher, refer to the finisher's operating instructions.
- With Macintosh, even if the output is set to "Collation", this setting will not be reflected in the output.
- The output is the same as for "Landscape" even if "Rotated" is selected for "Orientation".
- When printing from Windows NT, "JOB OWNER" remains blank at "JOB QUEUE", "MAIL BOX" and "SECURE MAIL BOX" on the printer.
- When printing from Windows 2000, "FILE NAME" and "JOB NAME" are set to "Panasonic DP" at "JOB QUEUE", "MAIL BOX" and "SECURE MAIL BOX" on the printer.
- When printing in reduced scale using Microsoft Access, multiple pages may be printed on a single sheet.
- Printing in magnified scale is not possible with Adobe AcrobatReader 5.0.

Troubleshooting

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:

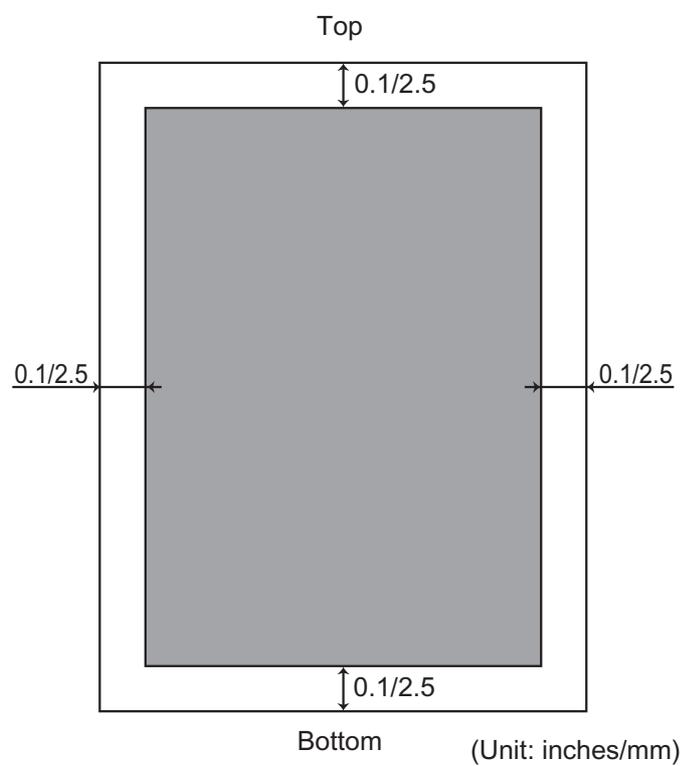
Windows 98/Me	[General Tab]	(See page 33)
Windows NT 4.0	[General Tab]	(See page 46)
Windows 2000/XP	[General Tab]	(See page 53)

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.

Appendix

Printing Area



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 ¨
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 ¨
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

Appendix

Font Table

No.	Symbol Set
41	Eurostile **
42	Eurostile Bold **
43	Eurostile Bold Extended Two **
44	Eurostile Extended Two **
45	Geneva 𐀀
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 𐀀
73	HoeflerText Black Italic 𐀀
74	HoeflerText Italic 𐀀
75	HoeflerText Ornaments 𐀀
76	HoeflerText 𐀀
77	Joanna ‡
78	Joanna Bold ‡
79	Joanna Bold Italic ‡
80	Joanna Italic ‡
81	LetterGothic

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 α
92	New Century Schoolbook Bold †
93	New Century Schoolbook Bold Italic †
94	New Century Schoolbook Italic †
95	New Century Schoolbook Roman †
96	NewYork α
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 †

Appendix

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 °
137	ITC ZapfDingbats °

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For Service, Call: _____

Panasonic Document Imaging Company
A Business Unit of Matsushita Electric Corporation of America
Two Panasonic Way
Secaucus, New Jersey 07094

Panasonic Canada Inc.
5770 Ambler Drive
Mississauga, Ontario L4W 2T3

Matsushita Electric Industrial Co., Ltd.
Website : <http://www.panasonic.co.jp/global/>

T0302-1032
DZSD001779-0
August 2002
Published in Japan