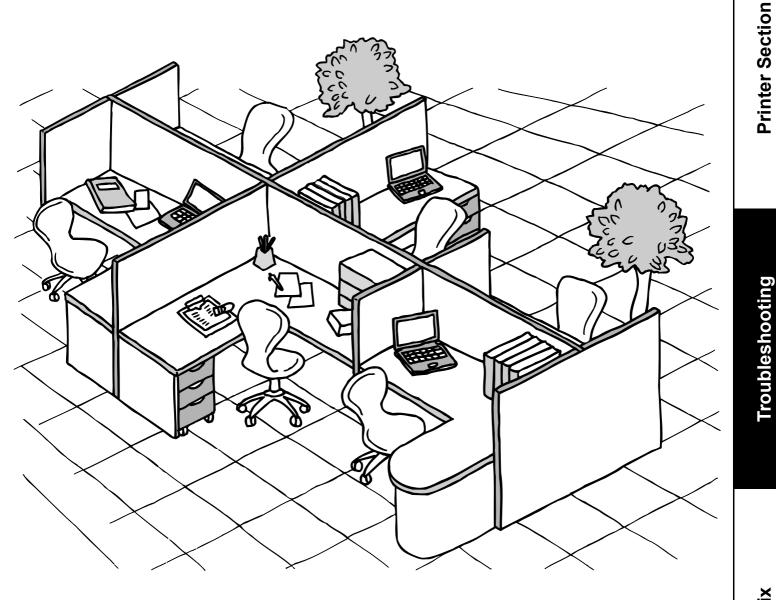
Software Operating Instructions (For Panasonic Printing System Ver. 6)

Model No. DP-3510/4510/6010



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

Before Use

Panasonic

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Precautions

For Users in the USA

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

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

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

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

• You need to read the software license agreement before setting up the Printer Driver.

- You need to read the following precautions which are described in the machine's Operating Instructions.
- 1. Installation
- 2. Ventilation
- 3. Handling
- 4. Toner and Paper
- 5. For your safety

Installing the Printer Driver

Windows 98/Me/NT/2000/XP (See Note 1)

Français

l'italiano

WORKIO

Next



2

3

Insert the Panasonic Printing System CD-ROM.

Click on the desired language.

L. Welcome

English

Deutsch

Thank you very much for purchasing this Panasonic Product. This software contains versatile utilities, which have been specifically designed to meet our customer's needs. Before installing this software, we strongly recommend you read the "Read Me First" document.

Panasonic Printing System Ver. 6

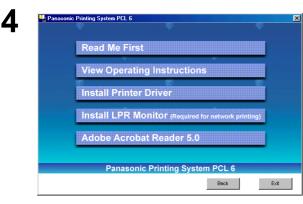
Panasonic Printing System PCL 6

Click the Next button.

Note for Windows 98/Me users:

Click Install Printer Driver.

If your computer does not have the LPR Port Monitor installed, please proceed to "Installing the LPR Monitor" on page 8 before continuing this installation.



5



Continued on the next page ...

Click the **Typical** or **Custom** button. (See Note 2)

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Installing the Printer Driver

indows 98/Me/NT/2000/XI	
InstallShield Wizard ➤ Select Printer Driver Image: Select the device to install. Select the device you want to install. Image: Select the device you want to install. Panasonic DP-3510 PCL 0 K Panasonic DP-4510 PCL 0 K Panasonic DP-6010 PCL 3879 K	Select your machine's model(s) check box and click the <u>Next</u> button.
Space Required on C: 5504 K Space Available on C: 704640 K InstallSineld	
InstallShield Wizard 🛛 Select Printer Port	Check LPT1: and click the Next button. (See Note 3)
Select the printer port. Printer Port List Create New Port 10.74.223.494.PR 10.74.223.494.PR 10.74.223.152.LP 10.74.22 10.74.	
Question A default printer is already set on this computer. Do you wish to select a new default printer? Current default printer = Panasonic DP-3510 PCL6 Yes No	Click the Yes button if you would like to change your current default printer to the one that you are installing. Note: This dialog box only appears if another printer is already installed.
InstallShield Wizard Select Default Printer Select the default printer. Set as default printer Panasonic DP-6010 PCL6 Panasonic DP-6010 PCL6	Select your new default printer from the New Printer List and click the <u>Next</u> button.
InstaliShield	

Installing the Printer Driver

Windows 98/Me/NT/2000/XP

Setup Status		
Printer Driver Setup is performing	the requested operations.	
Installing:		
C:\\{CAB8A44C-D9EA-4892-AB	35C-3B2D6CDEFEB7}\setup.inx	
	38%	
		[[
		<u></u>

InstallShield Wizard Complete

Yes, I want to restart my computer now.
 No, I will restart my computer later.

The InstallShield Wizard has successfully installed Printer Driver._Before you can use the program, you must restart your

Remove any disks from their drives, and then click Finish to complete setup.

Finish

The required files are copied.

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

Click the Finish button to restart your computer.

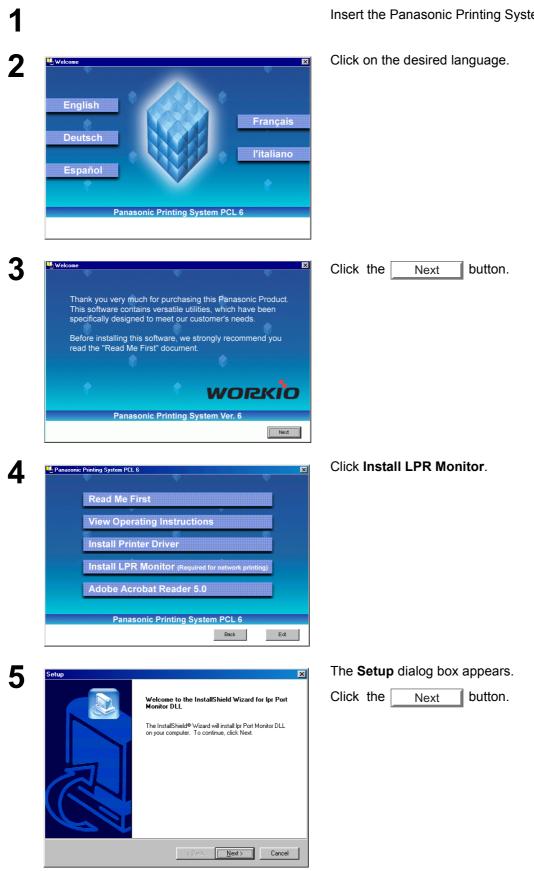
The Panasonic/Panafax Printer Driver is installed, and the Panasonic/Panafax Printer icon(s) are added to the Printer folder.

If you are installing the Printer Driver for network printing, please contact your network administrator for the IP Address of the machine and proceed to the next section to install the LPR Monitor service for the version of Windows you are installing after your computer has rebooted.

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 Click the **Custom** button in step 5 to select the print margin either **default** or **0** (no print margin) (default: 0.1 inches/2.5 mm).
- 3 If the LPR Monitor is already installed on your PC, select **Create New Port** in step 7. Then, select **Search the network printer** to search the machine(s) connected on your network.

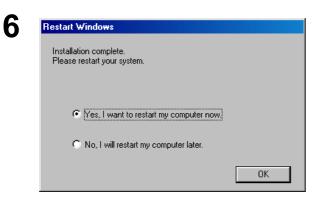
Windows 98/Me



Insert the Panasonic Printing System CD-ROM.

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Windows 98/Me



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

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.

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

Printers
Pr

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.



1

asonic DP-6010 PCL	6 Properties		?
Watermark General Details	Overlay Color Management Sh	Secure aring Paper	Device Output Quality Fonts
🍏 Panasonic DP-6	010 PCL6		
Comment:			
eparator page: (none)	<u>B</u> r	owse	
	Print <u>I</u> est	Page	

The printer properties dialog box appears.

The following step is to register the LPR Port for network printing.

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

Continued on the next page ...

? ×

Cancel

Windows 98/Me

Add Port

C Network

• Other

HLPRMON Local Port

Select the type of port you want to add:

Specify the network path to the printer:

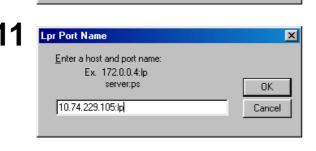
Click the type of port you want to add:

General Details Color Management Sharing Paper Output Quality Image: Parasonic DP-6010 PCL6 Print to the following port: Image: Add Port Print Little Fort Image: Add Port Print yaing the following driver: Defete Port Panasonic DP-6010 PCL6 Image: Negrotiver Capture Printer Port Egd Capture Tymeout rettings Not gelected: Not gelected: 15 Transmission getty: 45 Spool Settings Port Settings	Watermark	Overlay		Secure		Devid	e:
Print to the following goot. Add Pot EPTH: ECP Printse Port Add Pot Print ysing the following driver. Delete Port Parasonic DP-6010 PCL5 Negy Driver Capture Printer Port Engl Capture Transmission getyz: 15 seconds Transmission getyz: 45 seconds	General Details	Color Management	Sharing	Paper	Output	Quality	F
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Print ging the following driver:	LPT1: (ECP Printer Port)	•	Add Port				
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Capture Pinter Port. Egd Capture Timeout tettings Not gelected 15 Transmission getyz 45 seconds			Ne <u>w</u> Driver	1			
Not gelected. 15 seconds Transmission gelyz. 45 seconds	Capture Printer Port	End	Capture				
		5 seconds					
Spool Settings Port Settings	Transmission retry: 4	5 seconds					
	S	pool Settings	Port Settings				

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

The **Add Port** dialog box appears. Click the **Other** radio button, and select **HLPRMON** from the list, and

click the OK button.



ΟK

The LPR Port Name dialog box appears.

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

Ex: 10.74.229.105:lp

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

Windows 98/Me

General Defails Color Management Sharing Paper Dutput Quality Fri Image: Standing of the following gott Print to the following gott Add Pot Print to the following gott Delete Port Print using the following driver: Delete Port Pearsonic DP-6010 PCL6 Image: Not geleted to the following driver: Delete Port Pransonic DP-6010 PCL6 Image: Not geleted to the following driver: Egd Capture Timeout settings Not geleted: Timeout settings seconds seconds Spool Settings Pgt Settings Pgt Settings	Print to the following port: Image: Constraint of the following port: 183186/55410310 Image: Constraint of the following driver: Print using the following driver: Delete Port Print using the following driver: Delete Port Print using the following driver: Delete Port Conture Printer Port. End Capture Conture Printer Port. End Capture Timeout settings Not gelected Not gelected 5 Seconds	Watermark	Overlay		Secure	D	evice
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Not gelected: 15 seconds Transmission gety: 45 seconds	Not selected: 15 seconds Transmission getys: 45 seconds		End C	apture			
		· - ,	15 seconds				
Spool Settings Port Settings	Spool Settings Port Settings	Transmission retry:	45 seconds				
			Spool Settings	Port Settings]		

The screen reverts to the Printer Properties.

Check that the "Print to the following port:" has been changed as entered in step 11, and click the **Apply**

button, and then the OK button.

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

NOTE

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

Windows NT 4.0

Logon using an account with administrator rights.

		? ×
Identifica	ition Servic	ices Protocols Adapters Bindings
	Windows of computer of this compu- appear in.	uses the following information to identify your on the network. You may change the name for uter and the workgroup or domain that it will
Comput	ter Name:	EN-WINNT
Domain:	:	UT-ENG
		Change
		OK Cancel
Network		? ×
Identifica	ition Servic	ices Protocols Adapters Bindings
<u>N</u> etworl	k Services:	
	mputer Brow tBIOS Interfa	
	C Configural	
= =	rver orkstation	
	id	<u>Remove</u> <u>Properties</u> <u>Update</u>
	ription:	<u>Bemove</u> <u>Properties</u> <u>Update</u> col required for running the Computer Browser
 Desci	ription:	
Ad	ription:	
Ao	ription:	

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

The Control Panel window appears.

Double-click on the Network icon.

The Network dialog box appears.

Click 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.

ΟK

Cance

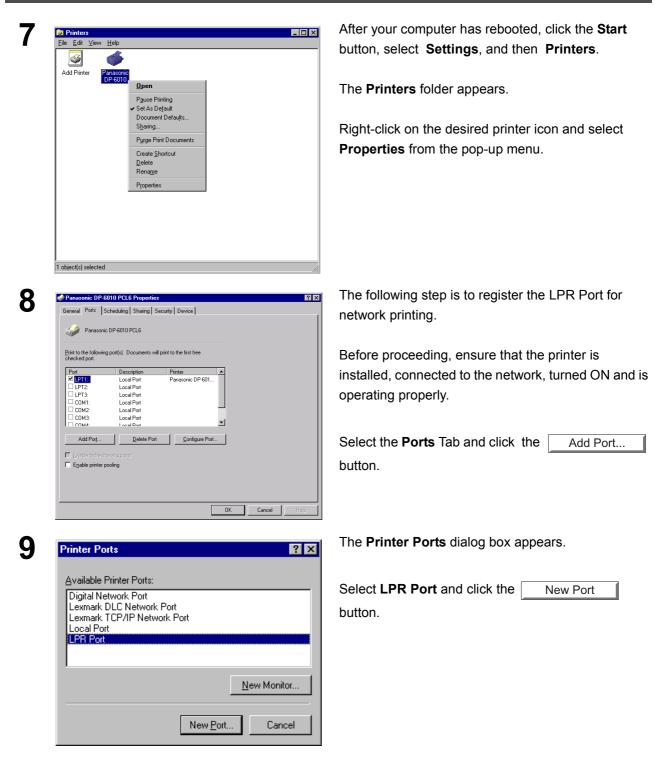
Windows NT 4.0

3 Select Network Service ? * Click the Network Service that you want to install, then click UK. If you have an installation disk for this component, click Have Disk. Network Service Client Service for NetWare Microsoft TCP/IP Printing NetBIOS Interface Network Monitor Agent Have Disk OK Cancel	Click the Add button to display the Select Network Service dialog box, and select Microsoft TCP/IP Printing. Click the OK button.
Windows NT Setup Setup needs to copy some Windows NT files. Setup will look for the files in the location specified below. If you want Setup to look in a different place, type the new location. When the location is correct, click Continue.	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 <u>Continue</u> button.
S Network Services Identification Services Computer Browser Microsoft TCP/IP Printing MetBIOS Interface RPC Configuration Server Workstation Server Description: Enables Windows NT to print to TCP/IP-connected printers or to printers that are physically attached to UNIX computers. Close Cancel	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 <u>Close</u> button. Note: If the OK button does not change into a Close button, remove and reinstall the Microsoft TCP/IP Printing service.
6 Network Settings Change Vou must shut down and restart your computer before the new settings will take effect. Do you want to restart your computer now? Yes No	When the Network Settings Change dialog box is displayed, click on the Yes button to restart your computer now. You have now completed the LPR Service installation.

Printer Section

Continued on the next page...

Windows NT 4.0



Windows NT 4.0

Add LPR compatible printer		
Name or address of server providing lpd:	10.74.229.105	OK
Name of printer or print queue on that server:	lp	Cance
		<u>H</u> elp

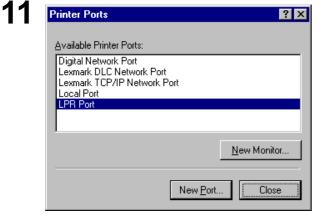
The **Add LPR compatible printer** dialog box appears.

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

Click the OK button.

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

The Printer Ports dialog box appears.



Click the Close button.

10.74.229.105:LP	Description	Printer			
		1 111100			
	_ocal Port	Panasonic DP-601			
	_ocal Port				
	_ocal Port				
	_ocal Port				
	Local Port		-1		
CUM3-	ocal Port				
Add Port	Delete Port	Configure Port.			

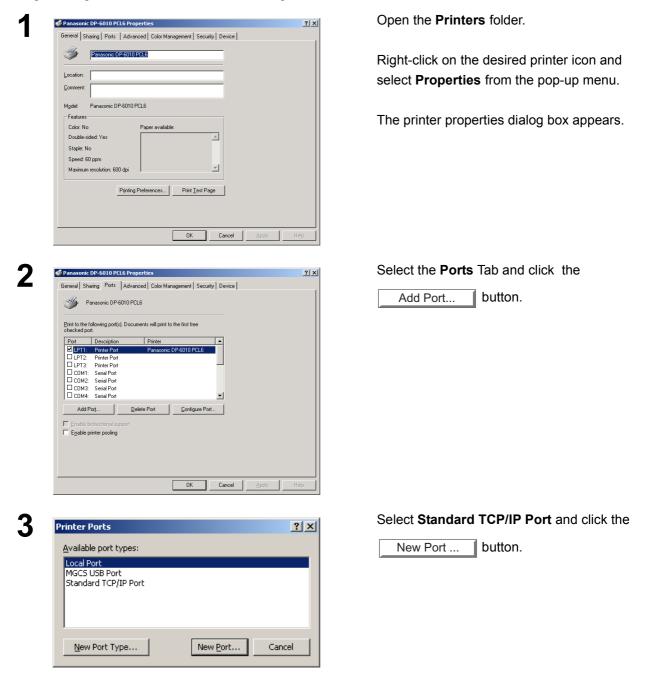
12

Select the printer port and click the OK button.

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

Windows 2000/XP

Logon using an account with administrator rights.



Windows 2000/XP 4 Add Standard TCP/IP Printe Click the button. × Next Welcome to the Add Standard TCP/IP Printer Port Wizard You use this wizard to add a port for a network printer. Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured. To continue, click Next <u>N</u>ext > Cancel 5 Enter the IP Address and the Port Name and Add Standard TCP/IP Printer Port Wizard Add Port For which device do you want to add a port? click the Next button. Note: The Port Name is automatically Enter the Printer Name or IP address, and a port name for the desired device. entered by Windows 2000/XP. You Printer Name or IP Address: 10.74.229.105 may need to change it as required. IP_10.74.229.105 Port Name: <<u>B</u>ack <u>N</u>ext > Cancel 6 Add Standard TCP/IP Printer Port Wizard Select **Custom** and click the Settings... Additional Port Information Required The device could not be identified. button. The device is not found on the network. Be sure that The device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below. Device Type O Standard Generic Network Card -• <u>C</u>ustom S<u>e</u>ttings... <<u>B</u>ack <u>N</u>ext> Cancel

Continued on the next page ...

Windows 2000/XP

Port Setting		Monitor		<u>? ×</u>			otocol sect		
i ok ocking	38				2			s section, er LPR1) and	
Port Nam	e:	IP_10.74.229.10	5					g Enabled	
\sim	ame or IP <u>A</u> ddress:	10.74.229.105			3	. Click the	е ОК	button.	
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- Raw Se	ettings								
Port <u>N</u> u	mber: 9100								
2 LPR Se Queue I				- 11					
	Byte Counting Enable	4							
	MP Status Enabled								
	unity Name: public	:		-					
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		3	OK Ca	ncel					
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Printer Ports	<u>? ×</u>	Click the <u>Close</u> button.
Available port types: Local Port MGCS USB Port Standard TCP/IP Port		
New Port Type Panasonic DP-6010 PCL6 Properties General Sharing Ports Advanced Color Management Security Panasonic DP-6010 PCL6	<u>2</u>]X	Click the Apply button.
Print to the following port(s). Documents will print to the first free checked port. Port Description Printer UPT3 Printer Fort		Click the OK button.
CDM1: Serial Port CDM2: Serial Port CDM3: Serial Port CDM4: Serial Port CDM4: Serial Port CDM4: Serial Port FILE: Print to File Ø IP_10 Standard TCP/IP Port		The printer properties dialog box closes and you have now configured the printer as a
Add Port Delete Port Configure Port		network printer.

Windows 98/Me

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

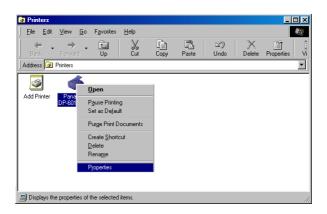


Click the **Start** button, select **Settings**, and then click **Printers**.



Right-click on the desired printer icon in the **Printers** folder, and select **Properties** in the pop-up menu.

The following printer properties dialog box appears.



Windows 98/Me

General Tab

Panasonic DP-6010 PCL6 Properties
Overlay Secure Device General Details Color Management Paper Output Quality Fonts Watermark.
Panasonic DP-6010 PCL6
Comment: Separator page: [(none) Erowse
3 Print Test Page
OK Cancel Apply Help

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.

Windows 98/Me

Details Tab

Panasonic DP-6010 PCL6 Properties
Watermark Overlay Secure Device General Details Color Management Sharing Paper Output Quality Fonts
Panasonic DP-6010 PCL6
1 Print to the following got: 1031185255410316 (Lar Port Monitor) Add Port 6
Print using the following driver: Panascric DP-6010 PCL6 New Driver
3 Capture Printer Port End Capture
Timeout settings Image: Not gelected 15
5 Transmission getty: 45 seconds
Spool Settings
OK Cancel Apply Help

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. 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.

3. Capture Printer Port... / End Capture... button

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

4. 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.

5. 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.

6. Add Port... / Delete Port... button

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

7. New Driver... **button** Updates or modifies the printer driver.

Windows 98/Me

8. Spool Settings... button

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

Spool Data Format

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

- **Note:** Spooling by EMF format (enhanced metafile compression) may cause the following problems on some application software.
 - 1) Printing result is different from the screen display.
 - 2) Printing requires excessive time.

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. Port Settings... button

Modifies printer port settings.

Windows 98/Me

Sharing Tab (See Note 1)

Panasonic DP-6010 PCL6 Properties	
Watermark Overlay Secure Device	
General Details Color Management Sharing Paper Output Quality Fonts	
T ° Ngt Shared	
U Shared As:	
2 Ghare Name	
3 Comment.	
4 Eassword:	
OK Cancel Apply Help	

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



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

Windows 98/Me

Device Tab (See Note 1)

Panasonic DP-6010 PCL6 Properties ? General Details Color Management Sharing Paper Output Quality Fonts Watermark Overlay Secure Device
Letter>Letter/Letter[1003] Erisher 2bin Sadde Stitch (DAFS805) 2 Punch Unit Installed 3 Large Capacity Paper Installed 4 HDD Installed
Image Paper Trays Change Paper Tray Auto Select Specified I ray
Auto Configuration Bestore Defaults DP-3510/4510/5010 OK

1. Finisher

Select the type of finisher if a finisher.

- 2. **Punch Unit** Select **Installed** if a punch unit is installed.
- 3. Large Capacity Paper Tray (LCT) Select Installed if a Large Capacity Paper Tray is installed.
- 4. HDD

Select **Installed** if the HDD Unit is installed.

5. Auto Configuration button

When your machine is connected on the network (TCP/IP), click this button to set the Options Configuration automatically.

6. Number of Paper Trays

Select the number of available paper trays for the printer if an optional Paper Feed Module is installed.

7. Change Paper Tray

Auto Select, if selected, will allow the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If Specified Tray is selected, the machine will stop if paper runs out in the chosen paper tray.



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

Windows 98/Me

Paper/Output/Quality/Fonts/Watermark/Overlay/Secure Tab

Refer to All Windows Common Settings (See page 44 - 55).

Windows NT 4.0 (Administrator)

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



Logon to the computer/network using an account with administrator rights. (See Note 1)

Click the $\ensuremath{\textit{Start}}$ button, select $\ensuremath{\textit{Settings}},$ and then $\ensuremath{\textit{Printers}}.$

3

Right-click on the desired printer icon in the **Printers** folder, and select **Properties** in the pop-up menu.

The printer properties dialog box appears.

🤕 Printers		- 🗆 ×
<u>F</u> ile <u>E</u> dit ⊻iew <u>H</u>	<u>l</u> elp	
S	مکر Open	
Add Printer Par DP-60	P <u>a</u> use Printing Set As De <u>f</u> ault Document Defau <u>l</u> ts S <u>h</u> aring	
	P <u>u</u> rge Print Documents	
	Create <u>S</u> hortcut <u>D</u> elete Rena <u>m</u> e	
	Properties	
Displays the propertie	s of the selected items.	//

NOTE

 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 "Configuring the Printer Driver Settings (User)" for details on user properties. (See page 34)

Windows NT 4.0 (Administrator)

General Tab

In the second se	
General Ports Scheduling Shaing Security Device	
Panasonic DP-6010 PCL6	
(2) Location:	
3 Driver: Panasonic DP-6010 PCL6 New Driver	ļ
Separator Page Print Processor Print Lest Page 5 6 7	
OK Cancel Help	

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.

4. New Driver... button

Updates or modifies the printer driver.

5. Separator Page... button

This feature is not available on your machine.

6. Print Processor... button

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

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

7. Print Test Page button

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

Windows NT 4.0 (Administrator)

Ports Tab

Panasonic DP-6010 PCL6 Properties General Ports Scheduling Sharing Security Device Panasonic DP-6010 PCL6	
Pfint to the following pot(s). Documents will print to the first free checked pot. Pot 10.74 229.254.P 10.74 229.152.P 10.74 229.152.P 10.74 229.151.P. Panasonic PP-01 10.74 229.551.P. Panasonic FP-025 10.74 229.551.PO 10.74 229.551.PO 10.74 229.55.PO 10.74 229.15.PO	
2 Add Pog Delete Port Configure Port 3 4 Enable bidirectional support 5 Enable printer pooling	Cancel Help

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. (See Note 1, 2)

4. Enable bidirectional support

This setting enables reception of configuration data and status data from the printer.

5. Enable printer pooling

Printer pooling allows data sent to one logical printer to be received and printed by two or more printers. With printer pooling enabled, a transmitted printing job is output to the first printer that is ready for printing.



1. Specify time (seconds) waiting for the printer to be ready for printing. If a printer is not ready for printing after the specified time has elapsed, an error message is displayed.

Printer Section

^{2.} If a timeout error occurs frequently upon printing a large size document, specify a larger value here.

Windows NT 4.0 (Administrator)

Scheduling Tab

In the second se	? ×	1
General Ports Scheduling Sharing Security Device		
Available: Available: From 12:00 AM Io 12:00 AM Highest Current Priority: 1		
O Spool print documents so program finishes printing faster Start printing after Jast page is spooled Start printing immediately		
C Print girectly to the printer		
(4) □ Hold mismatched documents		
		1
Ecop documents after they have printed	OK Cancel Help	

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, etc.) 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.

Windows NT 4.0 (Administrator)

Sharing Tab

General Ports Scheduling Sharing Security Device	
Panasonic DP-6010 PCL6	
Share Name: You may install alternate drivers so that users on the following systems can	
download them automatically when they connect.	
Alternate Drivers: Windows 95 Windows NT 4.0 x86 [Installed] Windows NT 4.0 Alpha Windows NT 4.0 Alpha Windows NT 4.0 Alpha Windows NT 4.0 FPC Windows NT 4.5 or 3.51 x86	
To modify the permissions on the printer, go to the Security tab.	
OK Cancel Help	

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 (See Note 1)

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.

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. **Printer Section**

Windows NT 4.0 (Administrator)

Security Tab (See Note 1)

Parassonic DP-6010 PCL6 Properties ? I General Ports Scheduling Sharing Security Device Permissions View or set permission information on the selected item(s). Permissions Auditing ••••••••••••••••••••••••••••••••••••	
OK Cancel Help	

- 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.



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.

Windows NT 4.0 (Administrator)

Device Tab (See Note 1)

General Pots Scheduling Sharing Security Device Letter>Letter[100%] ① Enricher 2 Bunch Unit Installed	
Image Paper Trays 2 Image Paper Trays 2 Image Paper Trays 2 Image Paper Trays 2	
C Specified Iray DP-3510/4510/5010 Auto Configuration DK Cancel	

1. Finisher

Select the type of finisher if a finisher is installed.

- 2. **Punch Unit** Select **Installed** if a punch unit is installed.
- 3. Large Capacity Paper Tray (LCT) Select Installed if a Large Capacity Paper Tray is installed.
- 4. HDD

Select Installed if the HDD Unit is installed.

5. Auto Configuration button

When your machine is connected on the network (TCP/IP), click this button to set the Options Configuration automatically.

6. Number of Paper Trays

Select the number of available paper trays for the printer if an optional Paper Feed Module is installed.

7. Change Paper Tray

Auto Select, when chosen, allows the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If Specified Tray is selected, the machine will stop if paper runs out in the chosen paper tray.

NOTE

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

Windows NT 4.0 (User)

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



Select Print in the File menu of the application.

Select the printer model in the name list box.



Click the Properties... button in the **Print** dialog box.

The printer properties dialog box appears. Click the desired tabs of the dialog box and specify the properties.(See Note 1) (See page 44-55)



^{1.} In Windows NT 4.0, setting properties depends on the logon account. This section describes properties to be specified by a user, upon executing a print operation in an application. See "Configuring the Printer Driver Settings (Administrator)" for details on administrator properties. (See page 27)

Windows 2000/XP (Administrator)

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



Logon to the computer/network using an account with administrator rights.

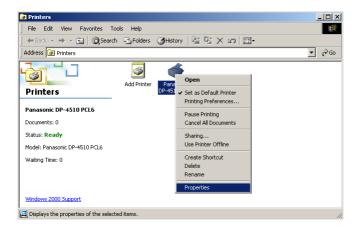
2

Click the **Start** button, select **Settings**, and then click **Printers**.

3

Right-click on the desired printer icon in the **Printers** folder, and select **Properties** in the pop-up menu.

The following printer properties dialog box appears. (See Note 1)





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 "Configuring the Printer Driver Settings" for details on user properties. (See page 43)

Windows 2000/XP (Administrator)

General Tab

(Panasonic DP-4510 PCL6 Properties General Sharing Ports Advanced Color Management Security Device Panasonic DP-4510 PCL6 Panasonic DP-4510 PCL6 Color: No Paper available: Double-sided: Yes Staple: No Speed: 17 ppn Maximum resolution: 600 dpi Print Test Page 6	
	OK Cancel Apply Help	

1. Printer Name

Name of the printer specified upon installation is displayed.

2. Location and Comment

Enter a comment about the location of the printer installation and information about the printer.

If a printer is shared, the location and comments specified in this field appear when another user sets up this printer on his/her computer. After completion of setup, however, changing this comment does not update the location and comment appearing on users PCs.

3. Model

Model name of the printer is displayed.

4. Features

Functions and settings of the printer are displayed.

5. Printing Preferences... button

Changes properties (print settings) specifiable for each user. Refer to "Configuring the Printer Driver Settings (User)" for details on settings (See page 43).

6. Print Test Page button

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

Windows 2000/XP (Administrator)

Sharing Tab

Panasonic DP-4510 PCL6 Properties Panasonic DP-4510 PCL6 Properties Panasonic DP-4510 PCL6 Panasonic DP-4510 PCL6 Not shared	
Drivers for different versions of Windows If this printer is shared with users running different versions of Windows then you will need to install additional drivers for it.	
Additional Drivers	
OK Cancel Apply Help	

1. Not Shared/Shared As

Specify if this printer is displayed or shared 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

Install additional printer drivers on the system. (See Note 1)

When users running different versions of Windows share a printer, installing additional drivers avoids the need for installing new drivers on their systems.

NOTE

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.

Windows 2000/XP (Administrator)

Ports Tab

Pint to the following port(s). Documents will print to the first free Pint to the following port(s). Documents will print to the first free Port Description Pint to the following port(s). Documents will print to the first free Port Description Pint to the following port(s). Documents will print to the first free Port Description Pint to the following port(s). Documents will print to the first free Port Description Pint to the following port(s). Documents will print to the first free Port Description Pint to the following port(s). Documents will print to the first free Port Port
--

1. Print to the following port(s)

Displays a list of ports that allow printing, their status (description), and printers connected to the ports.

2. Add Port... / Delete Port button Adds/deletes a new port or a new network path.

3. Configure Port... button

Configure the port that is selected. On a parallel port, wait time (in seconds) for retransmission is specified.(See Note 1)

4. Enable bidirectional support

This setting enables reception of configuration data and status data from the printer. Be sure to check this checkbox when installing status monitor. Status information reception may be disabled if the checkbox is left unchecked.

5. Enable printer pooling

Printer pooling allows data sent to one logical printer to be received and printed by two or more printers. With printer pooling enabled, a transmitted printing job is output to the first printer that is ready for printing.



 Specify the time (seconds) waiting for the printer to be ready for printing. If the printer is not ready for printing after the specified time has elapsed, an error message is displayed. If a timeout error occurs frequently upon printing a large size document, specify a larger value here.

Windows 2000/XP (Administrator)

Advanced Tab

🗳 Panasonic DP-4510 PCL6 Properties	<u>? x</u>
General Sharing Ports Advanced Color Management Security Device	
Oc Available To 12:00 AM = To 12:00 AM =	
2 Priority: 1	
3 Driver: Panasonic DP-4510 PCL6 New Driver 4	
5 Spool print documents so program finishes printing faster	
O Start printing after last page is spooled	
Start printing immediately	
C Print directly to the printer	
Print spooled documents first	
8 Keep printed documents	
9 Enable advanced printing features (11) (12)	
(10) Printing Defaults Print Processor Separator Page	
OK Cancel Apply	Help
OK Cancel Apply	

1. Always available/Available from

Specify the operating schedule for a printer. Selecting **Available from** allows specifying an available operation time.

2. Priority

Specify the priority in printing. Priority is adjustable from 1 to 99. Documents of higher priority are printed before those of lower priority.

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. New Driver... button

Updates or modifies the printer driver.

5. **Spool print documents so program finishes printing faster** Specify the method of sending a document from the program 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, etc.) do not match the printer settings.

7. Print spooled documents first

Always prints spooled documents first regardless of printing priority.

8. Keep printed documents

After printing, documents are kept in the queue. The documents are allowed to be reprinted directly from the queue regardless of the status of an application.

Windows 2000/XP (Administrator)

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. Printing Defaults... button

Specifies standard (default) values for the properties (print settings) specifiable for each user. If a local printer is shared, the settings here are used as printing defaults for other users.

Refer to "Configuring the Printer Driver Settings (User)" for detailed settings. (See page 43)

11. Print Processor... button

Specify a print processor and data type to be used for printing.

The processor and data type define operations of printers under Windows 2000/XP.

Usually no change is required in the settings. Use of a printer from some applications, however, may require changes in the settings.

12. Separator Page... button

This feature is not available on your machine.

Windows 2000/XP (Administrator)

Security Tab (See Note 3)

Panasonic DP-4510 PCL6 Properties General Sharing Ports Advanced Color Management Security Device Name	2 X Add
Administrators (WNI2K-ENVAdministrators) CREATOR OWNER Everyone Power Users (WIN2K-ENVPower Users)	Remove
Permissions: Print Manage Printers Manage Documents	Allow Deny
2) Advanced	Apply Help

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 or uncheck 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.

Advanced... button

2.

Specify access to a printer, audit, and owner. (See Note 1, 2)

Allow CREATOR OWNER Manage Doc Documents only Allow Everyone Print This printer only Allow Administrators (S04PC0 Manage Print This printer only Allow Administrators (S04PC0 Manage Print Documents only Allow Administrators (S04PC0 Manage Print This printer only Allow Power Users (S04PC03 Manage Doc Documents only Addux Remove View/Edit Documents only	
Allow Administrators (S04PC0 Manage Print This printer only Adliow Administrators (S04PC0 Manage Doc Documents only Allow Power Users (S04PC09 Manage Print This printer only Allow Power Users (S04PC09 Manage Doc Documents only	
Allow Power Users (S04PC09 Manage Print This printer only Allow Power Users (S04PC09 Manage Doc Documents only	
Allow Power Users (S04PC09 Manage Doc Documents only	
Agd <u>B</u> ernove <u>V</u> iew/Edit	
his permission is defined directly on this object. This permission is inherited by child	child obie

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.

Windows 2000/XP (Administrator)

Device Tab (See Note 1)

1	Panasonic DP-6010 PEL6 Propriétés Général Partage Ports Avancé Gestion des couleurs Sécurité	? × Options de dispositif	
	A4>A4(1002) (1) Enisseur (2) Linké Perforation (3) Plateau à grande capacité	Relure int. à 2 cases (DA-FS605 V Installée V Installé V	
Œ	Lecteur de disque du Lecteur de disque du Lecteur de disque du Changement de plateau	f Installé 💽	
	Selection automatique Plateau spécifié DP-3 E10/4510/8010 Configuration autom	atique Bétablir par défaut	
	OK .	Annuler Aide Aide	

1. Finisher

Select the type of finisher if a finisher is installed.

2. Punch Unit

Select **Installed** if a punch unit is installed.

- 3. Large Capacity Paper Tray (LCT) Select Installed if a Large Capacity Paper Tray is installed.
- 4. HDD

Select Installed if the HDD Unit is installed.

5. Auto Configuration button

When your machine is connected on the network (TCP/IP), click this button to set the Options Configuration automatically.

6. Number of Paper Trays

Select the number of available paper trays for the printer if an optional Paper Feed Module is installed.

7. Change Paper Tray

Auto Select, when chosen, allows the paper to be fed continuously if the same size of paper is loaded in another paper tray (Auto Tray Switching). If Specified Tray is selected, the machine will stop if paper runs out in the chosen paper tray.



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

Windows 2000/XP (User)

Changes the printer settings. Display the printer settings dialog box by performing the steps below:

Select Print in the File menu of the application.



Select the printer model in the name list box.

3

4

Click the Properties... button in the **Print** dialog box.

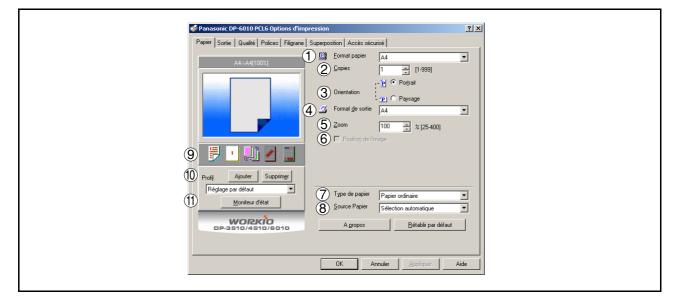
The printer properties dialog box appears. Click the desired tabs of the dialog box and specify the properties. (See Note 1) (See page 44-55)

NOTE

1. In Windows 2000/XP, setting the properties depends on the logon accounts. This section describes properties to be specified by a user, upon executing a print operation in an application. See "Configuring the Printer Driver Settings (Administrator)" for details on administrator (system manager) properties. (See page 35)

All Windows Common Settings

Paper Tab



1. Paper Size

Select a document size.

2. Copies(1-999)

Specify the number of copies to be printed. If the number of copies to be printed can be specified within the application, indicate one copy here and specify the number of copies in the Print dialog box of the application.

3. Orientation

Select the print orientation (Portrait/Landscape).

4. Output Size

Select an output paper size.

5. Zoom (25-400%)

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

Note:

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

~~~	
:	25 - 320%
:	25 - 390%
:	25 - 330%
:	25 - 380%
:	25 - 400%
	:

#### 6. Image Position

Specify the image position when setting the zoom ratio.

#### 7. Paper Type

Paper Type Setting.

### **All Windows Common Settings**

#### 8. Paper Source

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

#### 9. Print Properties Status Icons

Show the current selections for the following properties.

- Paper Style (Output Tab)
- N in 1 (Output Tab)
- Sort (Output Tab)
- Watermark
- Overlay

#### 10.Profile

- Add... **button** Stores the current print properties setting.
- Delete...
   button

Deletes the print properties setting.

11. Status Monitor button

Recalls the Network Status Monitor.

### **All Windows Common Settings**

### Output Tab

22	nasonic DP-6010 PCL6 Properties Overlay Secure G General Details Color Management Paper Output Q	Z X Device Quality Fonts Watermark
		Dff ▼
	Profile Add Dglete 5 Staple Non 6 Punch Non Status Monitor 7 Einisher Bin Bin PP-3510/4510/6010 8 Adganced	_
	OK Cancel	I <u>A</u> pply Help

#### 1. Paper Style

Select duplex printing for printing on both sides of the paper.

You can select the printing style among 1-Side/2-Sided (Long Edge) /2-Sided (Long Edge Margin) /2-Sided (Short Edge Margin).

#### Binding Direction

Select the binding side (Long Edge/Short Edge) for duplex printing.

#### Binding Margin

Select the binding margin upon duplex printing. The width of the binding margin is specified on the device.

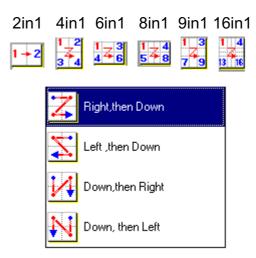
#### 2. Booklet

Formats output in order so document can be folded and/or saddle stitched like a book.

#### 3. N in 1

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

If you select an item other than "None," N in 1 order is displayed, allowing you to select the following patterns.



### **All Windows Common Settings**

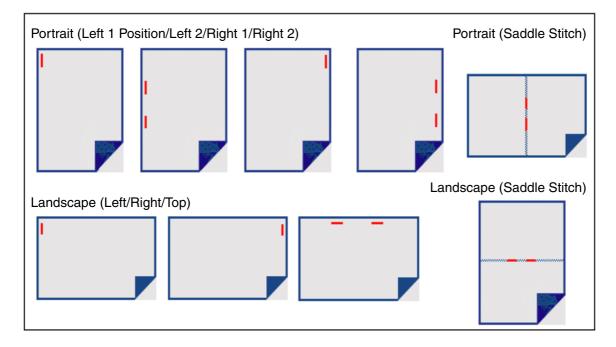
#### 4. Sort

Select whether to Stack or Sort when printing multiple copies.



#### 5. Staple

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

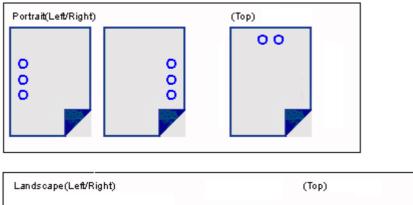


Continued on the next page ...

## **All Windows Common Settings**

#### 6. Punch

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



Landsoupe(Lenginging		(10)
0 0	0	000

Punch is not available when the Rotate Stack or Rotate Sort mode is selected.

X

#### 7. Finisher Bin

:	Select the output	bin for	the	Fisher.	
8.	Advanced	Butto	n		
	Advanced				?
	P D∎	Print <u>A</u> ll T	ext a:	s Black	
	2 🔽	^p rint <u>B</u> lan	k Pag	jes	
	3 🗖 (	Check <u>P</u> ri	inter (	Status Prior to Printing	
	C <u>o</u> pies	4	Prin	ter controlled	•
	(5)		_		
	Paper <u>S</u> ource		Aut	o Tray Selection	7
	6				
	Pap <u>e</u> r Source		Aut	o Tray Selection	7
		OK		Cancel	

### **All Windows Common Settings**

#### 1) Print All Text as Black

All colored text is printed as solid black

- 2) **Print Blank Pages** Select whether the blank pages are printed or not.
- 3) **Check Printer Status Prior to Printing** Check the printer status before printing the data.

#### 4) Copies (Printer controlled / Printer Driver controlled)

When printing a large amount of data with sort mode, the machine might not be able to print due to lack of memory capacity.

In this case, select **Print Driver controlled**, as sorting is processed inside of the printer driver. However, this mode may take more time to print.

#### 5) Front Cover

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

#### 6) Back Cover

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

## **All Windows Common Settings**

### Quality Tab

Peper Dutput Quelity Fonts Watermark Overlay Secure  Letter>Letter>Letter[100%]  C Haltone  Resplution  Resplution  C conduit
Image: Comparison of the second of the se
DP-3510/4510/5010 About Bestore Defaults OK Cancel Help

#### 1. Graphics Mode

Vector

Treat line information as graphic data.

Raster

Treat all information as Bitmap data.

#### 2. Halftone

Select Normal/Fine/Coarse.

#### 3. Resolution

Select the print resolution (300 dpi / 600 dpi / 1200dpi Enhanced).( See Note 1)



1. dpi (dots per inch) represents the number of dots contained in one inch. The larger the value, the higher the resolution would be.

## **All Windows Common Settings**

### **Fonts Tab**

Section 2014 Paper Output Quality Fonts Watern	ark Overlay Secure
	TrueType Mode  TrueType Mode  C Download as IrueType  C Download as Bitmap Image
Profile Add Delete Default Setting Status Monitor PP-3510/4510/5010	E Use Printer TrueType fonts      About     Bestore Defaults
	OK Cancel Help

#### 1. TrueType Mode

Download PC fonts (TrueType ) as bitmap Image or as TrueType font.

#### 2. Use Printer TrueType fonts

Select whether the printer TrueType fonts are used or not.

### **All Windows Common Settings**

### Watermark Tab

Panasonic DP-6010 PCL6 Default Paper Output Quality Forts Watermark Paper Output Quality Forts Watermark Wessage CONFIDENTIAL Performance Postion m m m m m m m m m m m m m m m m m m m
OK Cancel Help

#### 1. Watermark

To enable the watermark feature, check Watermark.

#### 2. Message

Displays the selected text. (CONFIDENTIAL, COPY, etc.)

#### 3. Add Delete button

Add or delete watermark messages.

#### 4. Text

Input text that you want to add or update as the watermark.

#### 5. Update button

Update the text of the existing message name.

6. **Fonts** 

Select the text font.

#### 7. Style

Select the font style.

#### 8. Size

8 - 400 point.

### 9. Angle

Select the text angle.

#### 10.**Density** Varies from light to dark.

#### 11.Transparent Text

Use watermark print as transparent text.

## **All Windows Common Settings**

#### 12.As Outline Only

Print the watermark character as an outlined image.

#### 13.First Page Only

Use watermark only for the first page.

#### 14.Position

Specify inch or metric units for adjustment.

#### 15.**Unit**

Inch or metric units.

#### 16. Center button

Position the watermark relative to center of the document.

### **All Windows Common Settings**

### **Overlay Tab**

#### 1. **Print Using Overlay File** Set overlay function.

Set overlay function

#### 2. Make Overlay File

When making an overlay file, check this box, then type a filename in the Overlay List box.

#### 3. Overlay List

Select the file to be used for the overlay.

#### 4. File Delete button

Click the File button to set the directory to save the overlay file.

Click the Delete button to delete the overlay file.

### All Windows Common Settings

### Secure Tab

Image: Status Monitor     Image: Status Monitor
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- 1. Mailbox (Available if the optional Hard Disk Drive Unit (DA-HD60) is installed.) Check this box and enter the User ID (up to 8 digits) if storing the print data into the mailbox of the machine.
- 2. Secure Mailbox (Available if the optional Hard Disk Drive Unit (DA-HD60) is installed.) Check this box, enter the User ID (up to 8 digits) and the password (up to 4 digits) if storing the print data into the secure mailbox of the machine.

#### 3. Dept counter mode On

Check this box and enter the department code if your administrator requires departmental codes in order to print.

# **Print Operation**

### **Printing from Windows Applications**

If the printer driver is installed properly and a printer is selected as the default printer (See Note 1) in the printer setup, printing can be accomplished from any Windows application with simple operations.

To print from most Windows applications, use the **Print...** command in the **File** menu. Selecting the **Print...** command typically displays the following Print dialog box:

Print			? ×
-Printer <u>N</u> ame:	Panasonic DP-6010 PCL6	<b>_</b>	Properties
Status: Type: Where: Comment:	Idle Panasonic DP-6010 PCL6 10.74.229.151:PORT1		F Print to file
		Copies Number of <u>c</u> opies:	Colla <u>t</u> e
Print <u>w</u> hat: Options	Document P	rint: All pages in range	e 🔽

After selecting the page range to be printed and the number of copies, click on OK 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.



1. Follow the steps below to set a default printer:

1) Click the Start button and select **Printers** in the Settings menu.

 Select the printer icon in the window and select [Set As Default] in popup menu by rightclicking it. Then the check mark is displayed.

### Printing on Network

When sharing a printer by connecting two computers via a crossover cable or using a hub, a connection among computers must be established. (See Note 1, 2)

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 <b>Start</b> button, select <b>Settings</b> , and then click <b>Printers</b> .
3	Right-click on the desired printer icon and select <b>[Sharing]</b> in the popup menu.
4	Select Shared As in the properties dialog box.
5	Click the OK button.

Upon completing this 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 File and Print Sharing... 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.

**Printer Section** 

## **Print Operation**

## **Printing on Network**

Remote (PC	that uses another computer's printer)
1	Click the Start button, select Settings, and then Printers.
2	Double-click <b>Add Printer</b> in the printers folder. The Add Printer Wizard appears. Click the <u>Next</u> button.
3	Select <b>Network Printer</b> . Click the <u>Next</u> button.
4	Specify the other computer's printer by entering the network path.
	Then, complete the installation following the instructions of the Add Printer Wizard.

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

# 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 21)
Windows NT 4.0	[General Tab]	(See page 28)
Windows 2000/XP	[General Tab]	(See page 36)

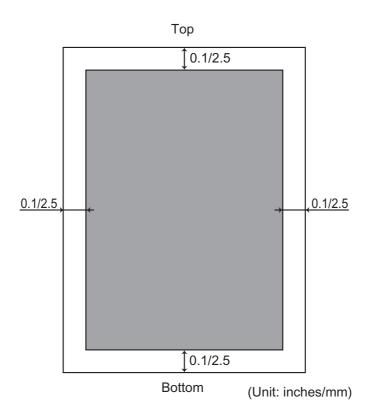
## Troubleshooting

## **Document is Not Printed Correctly**

Problem	Possible Solution(s)
Characters are not printed in the correct positions or the characters near the edges of the page are missing.	<ul> <li>Check and specify the paper size and orientation settings in the printer driver to coincide with the application.</li> <li>The characters are outside the printing area of the machine.</li> </ul>
The font type is wrong.	<ul> <li>Check if the selected font is installed on the PC.</li> <li>Select "Use Printer TrueType fonts" on the Font tab of the Printer Driver Properties dialog box.</li> </ul>
Printing stops in the middle of the run.	Check if there is any problem on the network.
Although print data is transferred to the digital copier, it does not print.	Make sure the printer is on line.

# Appendix

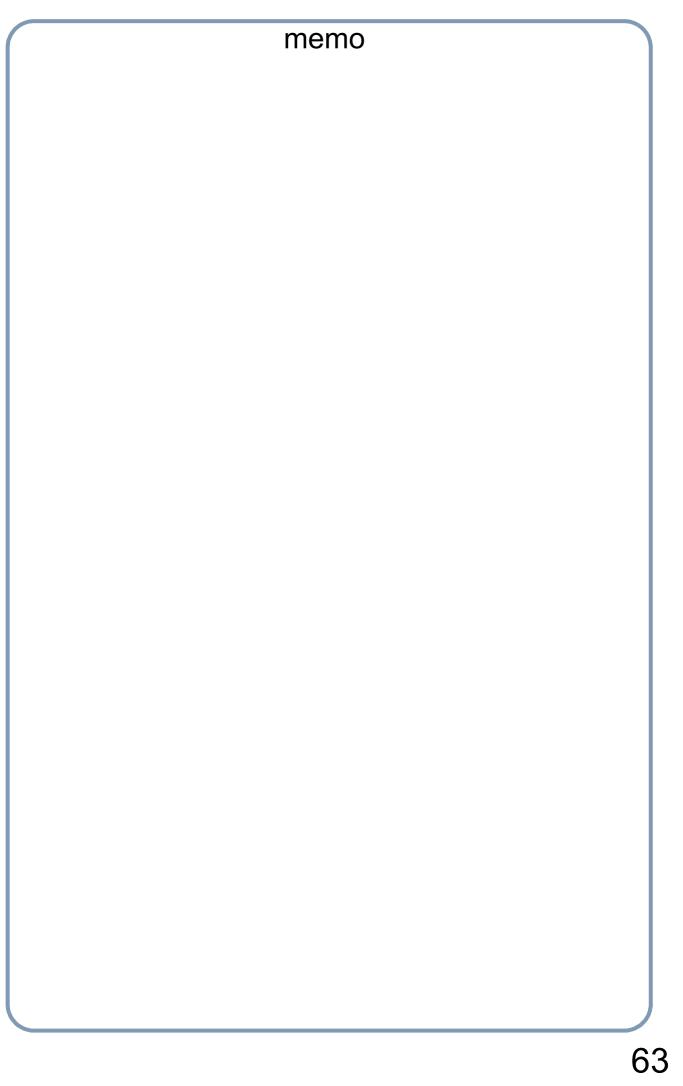
## **Printing Area**



## Appendix

# Symbol Table

No.	Symbol Set
0	Legal (HP Legal)
1	ISO 4 (United Kingdom)
2	ISO 6 (ANSI, ASCII)
3	ISO 11 (Swedish/French)
4	ISO 15 (Italian)
5	ISO 17 (Spanish)
6	ISO 21 (German)
7	ISO 60 (Norwegian, v.1)
8	ISO 69 (French)
9	ISO 8859/2 Latin 2
10	ISO 8859/2 Latin 5
11	PC-8 (IBM-8, Code Page 437)
12	PC-8 DN (Denmark/Norway)
13	PC-850 (IBM-850)
14	PC-8 TK (Code Page 437T)
15	PC-852 Latin 2
16	Roman 8
17	Desk Top
18	ECMA 94 (Latin 1)
19	Macintosh
20	Math 8 (HP Math 8)
21	Microsoft Publishing
22	Pi Font (HP Pi Font)
23	PS Math
24	PS Text
25	Ventura International
26	Ventura Math
27	Ventura US
28	Windows
29	Windows 3.1
30	Windows 3.1 Latin 2
31	Windows 3.1 Latin 5
32	Symbol, Windows 3.1
33	Wingdings, Windows 3.1
34	Baltic (PC-1004)
35	Baltic (PC-775 Baltic)



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