

Panasonic®

Operating Instructions For Digital Imaging Systems Software (Printer Driver)

System
Requirements

Configuring
the Printer Driver
Settings

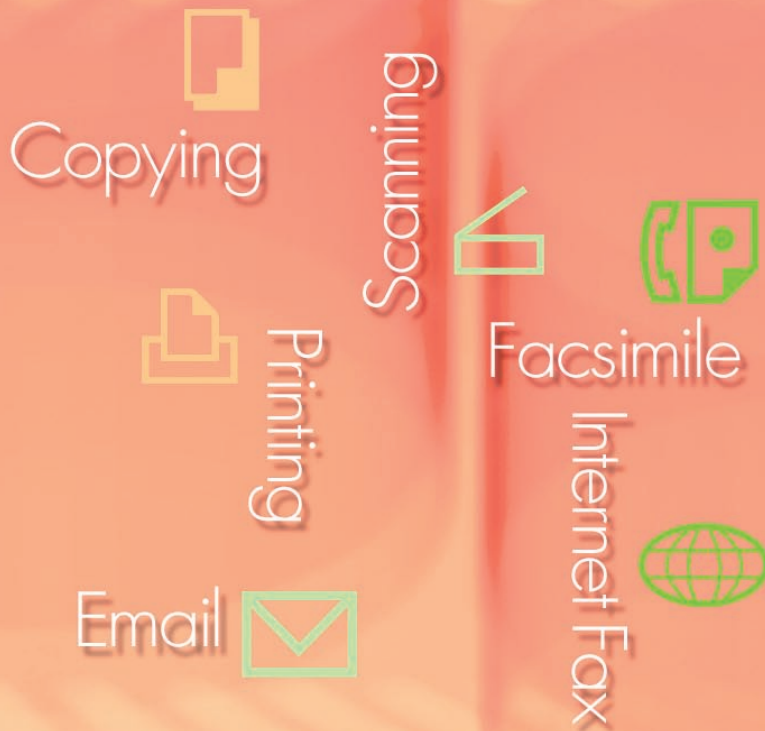
Print Operation
(for PC)

Print Operation
(for Printer)

Specifications

Troubleshooting

Appendix



WORKIO™

Before using this software, please carefully read this manual, and keep this documentation in a safe place for future reference.

English

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Memo

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* DP-8020P is not available for the USA, and Canada.

● Model availability depends on the destination Country.

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* DP-8020P is not available for the USA, and Canada.

●Model availability depends on the destination Country.

System Requirements

- Personal Computer : IBM PC/AT and compatibles (CPU Pentium II or greater is required, Pentium 4 or greater is recommended)
- Operating System : Windows 98*¹, Windows Me*², Windows NT 4.0*³ (With Service Pack 3 or later is required), Windows 2000*⁴, Windows XP*⁵, Windows Server 2003*⁶
- System Memory : The minimum recommended Memory for each OS is as follows:
 - Windows 98, Windows Me : 128MB or greater
 - Windows 2000, Windows XP,
Windows NT 4.0,
Windows Server 2003 : 256MB or greater
- Free Disk Space : 40MB or greater
- CD-ROM Drive : Used for installing the software and utilities from the CD-ROM.
- Interface : 10Base-T/100Base-TX Ethernet Port/USB Port.
(USB connection is available for DP-C354/C264/C323/C263/C213, DP-C322/C262, DP-3030/2330, DP-8020E/8020P*/8016P)

*1 Microsoft® Windows® 98 operating system (hereafter Windows 98)

*2 Microsoft® Windows® Millennium Edition operating system (hereafter Windows Me)

*3 Microsoft® Windows NT® operating system Version 4.0 (hereafter Windows NT 4.0)

*4 Microsoft® Windows® 2000 operating system (hereafter Windows 2000)

*5 Microsoft® Windows® XP operating system (hereafter Windows XP)

*6 Microsoft® Windows Server® 2003 operating system (hereafter Windows Server 2003)

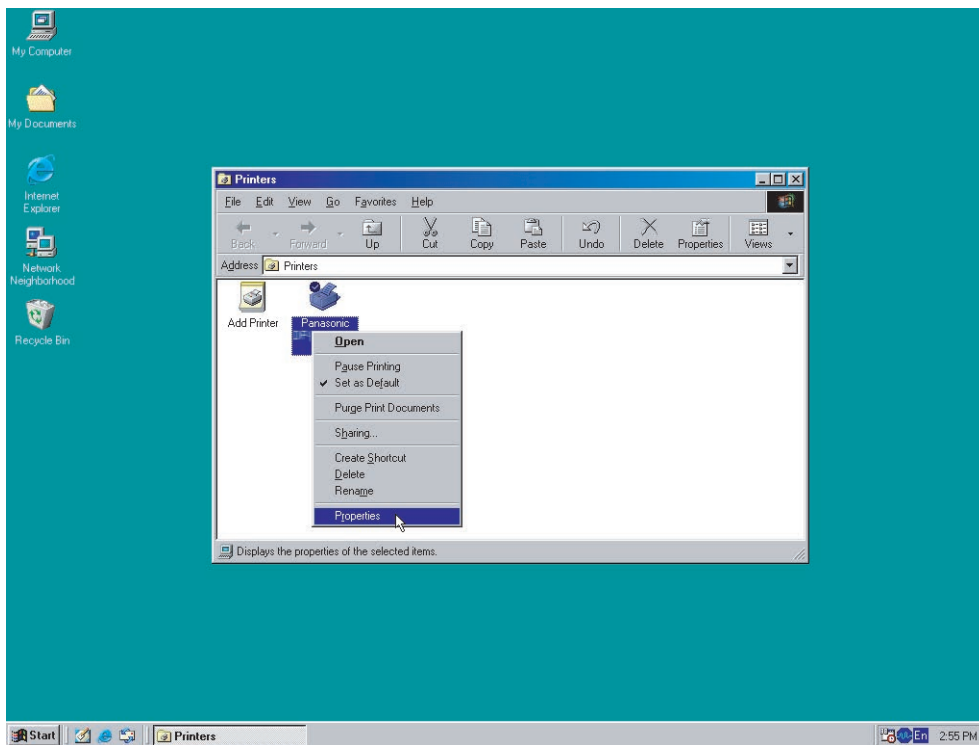
Memo

Opening the Printer Properties Dialog Box

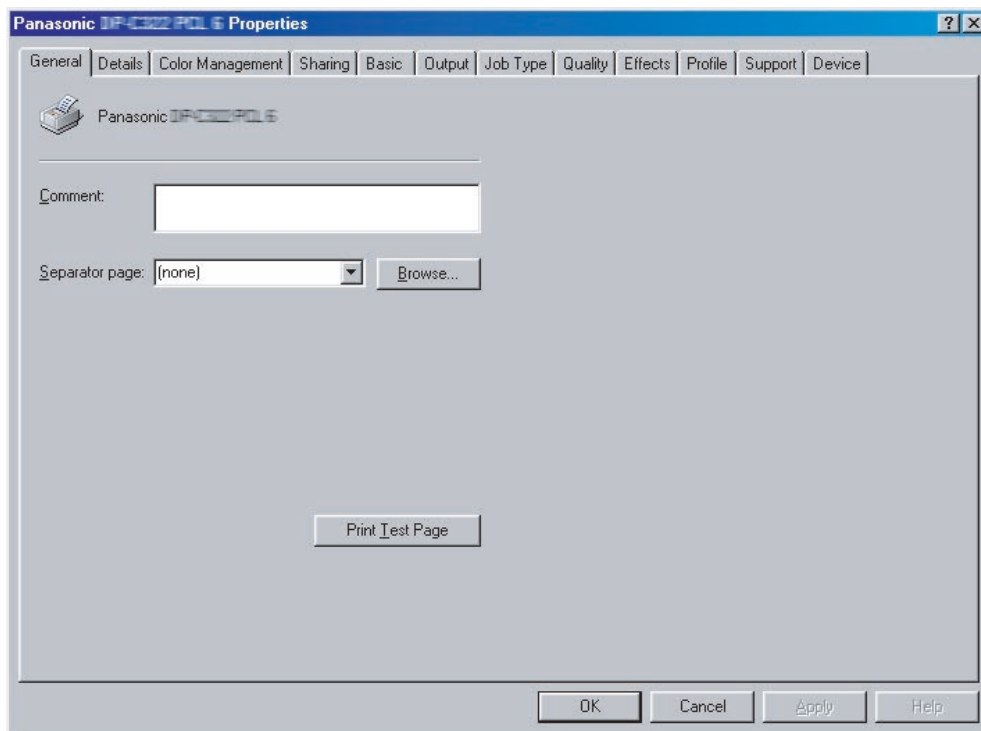
■ Windows 98/Windows Me

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

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



The following printer properties dialog box appears. Click the desired tab(s) and configure the properties as necessary.




General/Details/Color Management/Sharing Tab:

These tabs are Windows specific settings. Refer to Windows manuals, Windows pop-up help topics, and/or Online Support.

Note:

To open Windows pop-up help topics:

- Click the  icon at top right corner of the printer properties dialog box. The "?" mark will appear on your mouse cursor. Then click on unfamiliar object in the dialog box, the topic opens in a pop-up window. When you finish reading the information in the pop-up window, you can close it by clicking anywhere in the window.
- Color Management Tab is not available for DP-8060/8045/8035, DP-3030/2330, and DP-8020E/8020P*/8016P.

Basic/Output/Job Type/Quality/Effects/Profile/Support/Device Tab:

These tabs are **Panasonic Printing System** associated settings. For additional details, refer to the page(s) relevant to the subject you are interested in.

Basic Tab : See page 16

Output Tab : See page 26

Job Type Tab : See page 29

Quality Tab : See page 31

Effects Tab : See page 39

Profile Tab : See page 44

Support Tab : See page 46

Device Tab : See page 48

Opening the Printer Properties Dialog Box

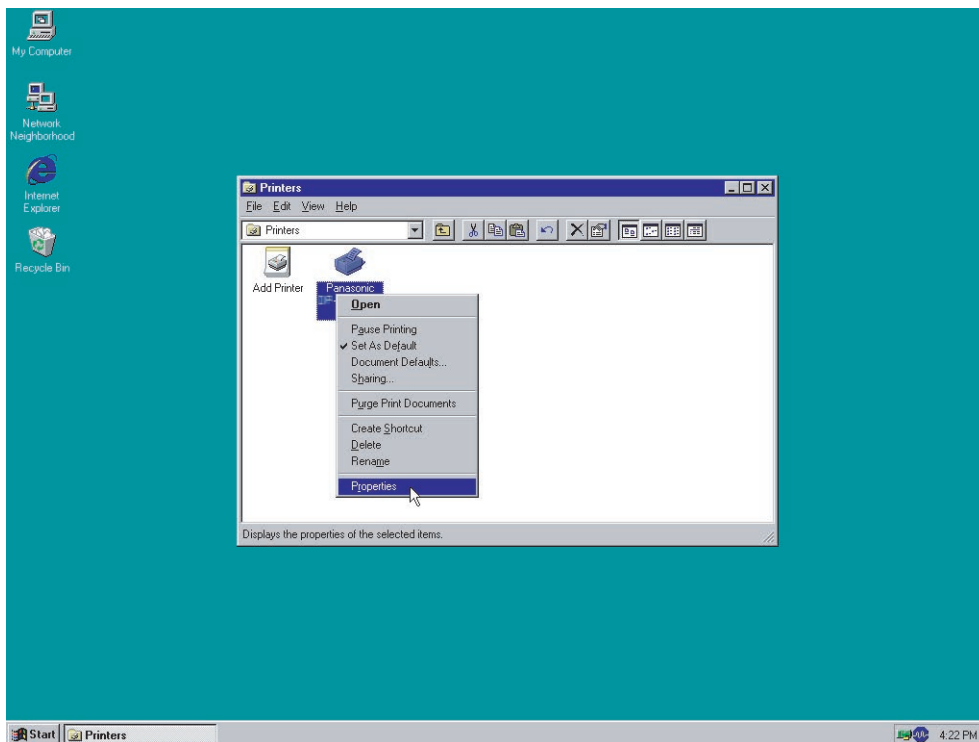
■ Windows NT 4.0 (Administrator)

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

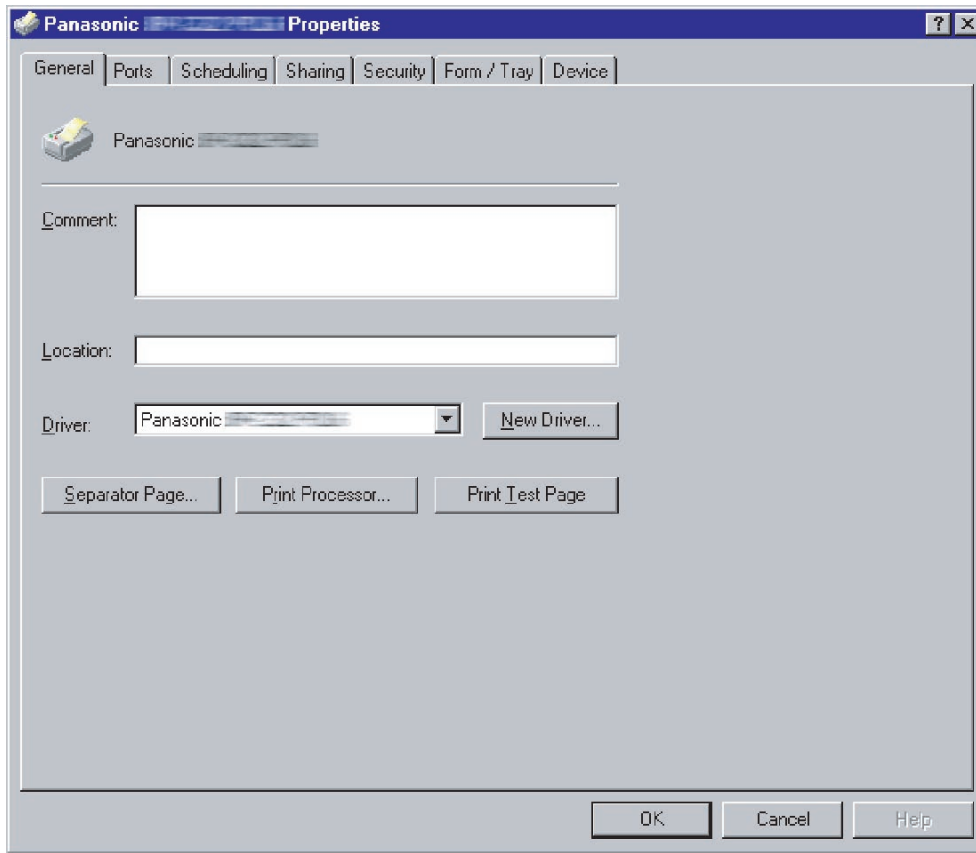
Note:

In Windows NT 4.0, setting of the properties depends on the logon account. This section describes properties to be specified by the administrator (system manager). See page 12 for details on user properties.

- 1 Logon to the computer/network using an account with administrator rights.
- 2 Click the **Start** button, select **Settings**, and then click the **Printers** icon.
- 3 Right-click on the desired printer icon in the **Printers** folder, and then select **Properties** in the pop-up menu.



The following printer properties dialog box appears. Click the desired tab(s) and configure the properties as necessary.




General/Ports/Scheduling/Sharing/Security Tab:

These tabs are Windows specific settings. Refer to Windows manuals, Windows pop-up help topics, and/or Online Support.

Note:

To open Windows pop-up help topics:

- Click the  icon at top right corner of the printer properties dialog box. The "?" mark will appear on your mouse cursor. Then click on unfamiliar object in the dialog box, the topic opens in a pop-up window. When you finish reading the information in the pop-up window, you can close it by clicking anywhere in the window.

Form/Tray/Device Tab:

These tabs are **Panasonic Printing System** associated settings. For additional details, refer to the page(s) relevant to the subject you are interested in.

Form/Tray Tab : See page 47

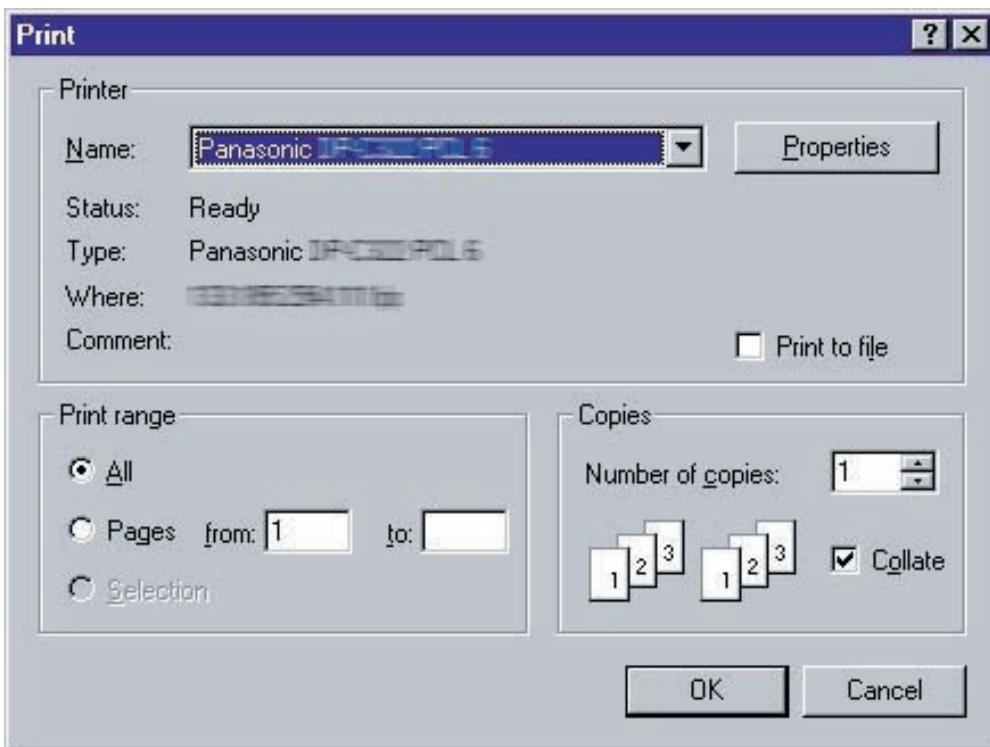
Device Tab : See page 48

Opening the Printer Properties Dialog Box

■ Windows NT 4.0 (User)

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

- 1 Select **Print** in the **File** menu of the application. (i.e. Microsoft® WordPad)
- 2 Select the printer model in the name list box.
- 3 Click the button in the **Print** dialog box.



The printer properties dialog box appears. Click the desired tab(s) and configure the properties as necessary.

- Basic Tab** : See page 16
- Output Tab** : See page 26
- Job Type Tab** : See page 29
- Quality Tab** : See page 31
- Effects Tab** : See page 39
- Profile Tab** : See page 44
- Support Tab** : See page 46

Opening the Printer Properties Dialog Box

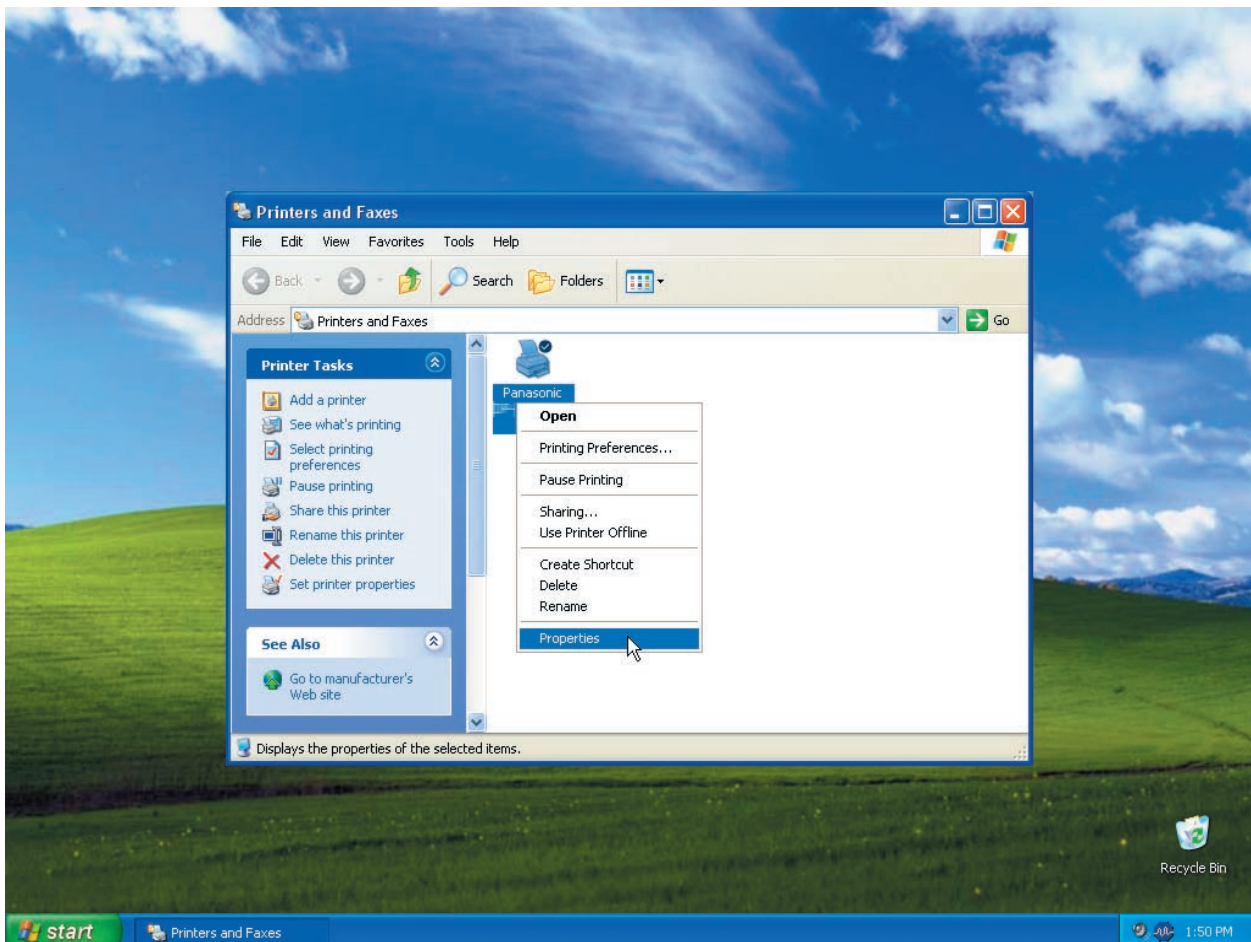
■ Windows 2000/Windows XP/Windows Server 2003 (Administrator)

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

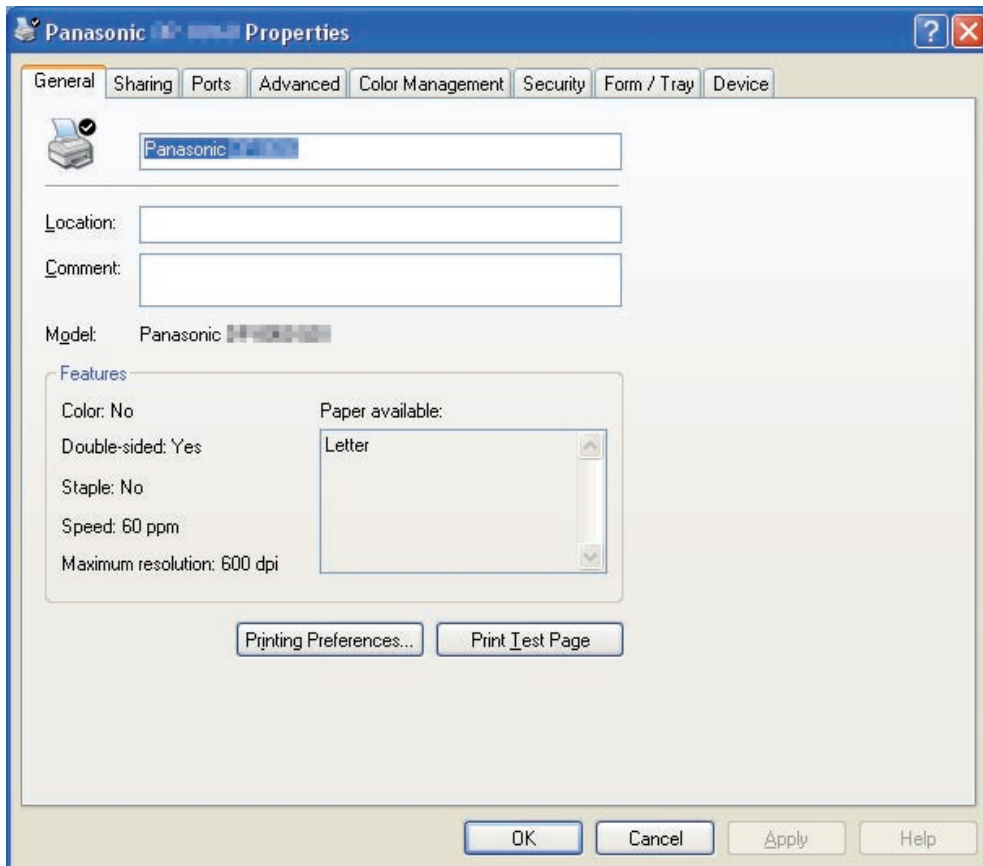
Note:

In Windows 2000/Windows XP/Windows Server 2003, the available property settings depend on the logon account access level. This section describes properties to be specified by the administrator (system manager). See "Windows 2000/Windows XP/Windows Server 2003 (User)" on page 15 for details on user properties.

- 1 Logon to the computer/network using an account with administrator rights.
- 2 Click the **Start** button, select **Settings** and choose **Printers and Faxes** icon. (for Windows 2000: Click the **Start** button, select **Settings**, and then click the **Printers** icon)
- 3 Right-click on the desired printer icon in the **Printer and Faxes** folder, and then select **Properties** in the pop-up menu.



The following printer properties dialog box appears. Click the desired tab(s) and configure the properties as necessary.




General/Sharing/Ports/Advanced/Color Management/Security Tab:

These tabs are Windows specific settings. Refer to Windows manuals, Windows pop-up help topics, and/or Online Support.

Note:

To open Windows pop-up help topics:

- Click the  icon at top right corner of the printer properties dialog box. The "?" mark will appear on your mouse cursor.
- Then click on unfamiliar object in the dialog box, the topic opens in a pop-up window. When you finish reading the information in the pop-up window, you can close it by clicking anywhere in the window.
- Color Management Tab is not available for DP-8060/8045/8035, DP-3030/2330, and DP-8020E/8020P*/8016P.

Form/Tray/Device Tab:

These tabs are **Panasonic Printing System** associated settings. For additional details, refer to the page(s) relevant to the subject you are interested in.

Form/Tray Tab : See page 47

Device Tab : See page 48

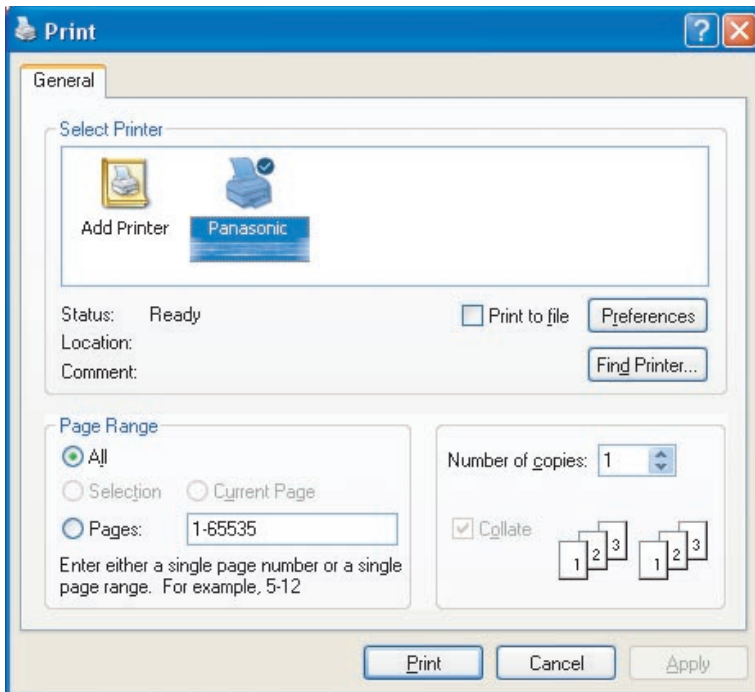
Opening the Printer Properties Dialog Box

■ Windows 2000/Windows XP/Windows Server 2003 (User)

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

- 1 Select **Print** in the **File** menu of the application. (i.e. Microsoft® WordPad)
- 2 Select the printer model in the name list box.
- 3 Click the **Preferences** button in the **Print** dialog box.

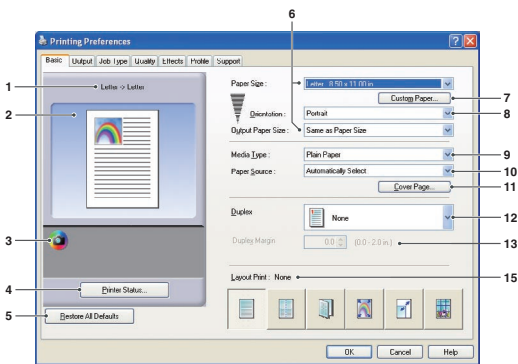
The printer properties dialog box appears. Click the desired tab(s) and configure the properties as necessary.



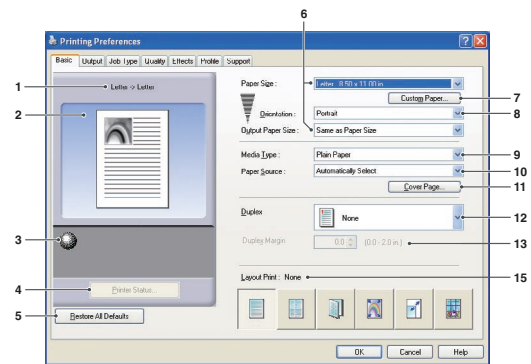
- Basic Tab** : See page 16
- Output Tab** : See page 26
- Job Type Tab** : See page 29
- Quality Tab** : See page 31
- Effects Tab** : See page 39
- Profile Tab** : See page 44
- Support Tab** : See page 46

Basic Tab

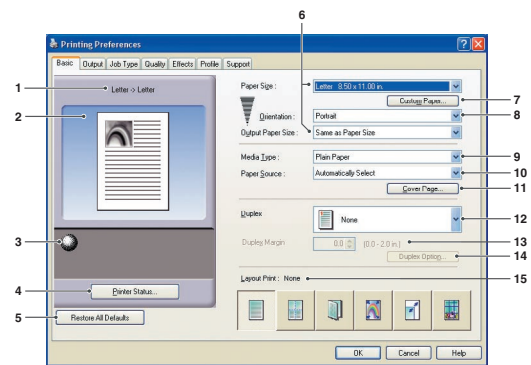
Basic tab is used for configuring basic printing settings.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-8020E/8020P*/8016P)



(For DP-3030/2330)

1. **Paper Size**
Displays the current **Paper Size** and **Output Paper Size** settings.
2. **Paper Image**
Represents the current settings, along with the icons shown below.
3. **Icons**
Represent the current settings, along with the paper image shown above.
4. **Printer Status... button**
Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.
5. **Restore All Defaults button**
Restores all the settings to the default value.
6. **Paper Size/Output Paper Size**
There are two settings for paper size. They are **Paper Size** and **Output Paper Size**. **Paper Size** denotes the document size created by the software applications.

Output Paper Size denotes the size of paper used by the printer.

Custom paper sizes can be selected in the **Paper Size** and **Output Paper Size** settings.

Note:

- (For DP-C322/C262, DP-C354/C264/C323/C263/C213) Choosing envelope paper sizes, automatically switches the **Media Type** to **Envelope**.
- The **Media Type** and **Paper Source** settings differ depending on the **Paper Size** setting.

7. **Custom Paper... button**

(Available for PCL 6 Emulation Printer Driver only)
You can create, edit and delete custom papers. Up to 50 custom papers can be registered.

Note:

- Custom paper size is saved for individual users who are logged on.
- The saved Custom Papers will not be deleted when the PCL 6 Emulation Printer Driver is uninstalled. The Custom Paper files will be automatically recognized if the PCL 6 Emulation Printer Driver is installed again.
- Use Long Paper
(For DP-C322/C262, DP-C354/C264/C323/C263/C213) Creates Long Paper as a custom paper size. Choose from the following paper sizes for long paper.
Width: 8.27-11.69 in. (210.0-297.0mm)
Length: 18.01-35.43 in. (457.3-900.0mm)
- For some software applications, you may be able to print the image by changing the paper settings.

8. **Orientation**

Specifies the direction of the image to be printed.

9. **Media Type (Available for PCL 6 Emulation Printer Driver only)**

Specifies the type of paper.

Note (For DP-C322/C262, DP-C354/C264/C323/C263/C213):

- Verify that the media type selection in the control panel matches the media loaded on the trays.
(Ex: Select "Transparency" when Transparencies are loaded in the Sheet Bypass)
- **Transparency** is only available if the selected **Paper Size** is **A4** or **Letter**.
- **Envelope** is only available if one of the envelope paper sizes is selected.
- If the **Media Type** is other than **Plain Paper**, **Glossy/Photo Paper** or **Recycled Paper**, then the **Multi-Purpose Tray** is the only selectable **Paper Source**.

10. **Paper Source**

Specifies the tray to be used for printing.

Automatically Select	Paper is supplied from the tray that is loaded with the specified paper. If the specified paper is loaded in multiple trays, it is supplied from the upper tray first. If a tray runs out of paper, paper is supplied from the next tray containing the specified paper, and continues in this sequence.
Multi-Purpose Tray (Sheet Bypass)	As its name suggest, this tray is used for all supported sizes and media types that can fit in this tray.
Tray 1/Tray 2	This is the standard paper tray, and the first tray the specified paper is fed from.
Tray 3/Tray 4	These trays are the second paper source tier and optional trays thereafter. The optional trays are only displayed if they are installed on the machine.

Note:

- Be sure to specify on the printer what paper is loaded in the trays.
If the settings are wrong, paper will not be supplied correctly when the printer driver is set to **Automatically Select**. Furthermore, be sure to set the paper on the Sheet Bypass properly when **Multi-Purpose Tray** is selected.
- After installing the optional paper feeders, you must change the **Number of Paper Tray** on the **Device** tab of the printer driver. For details, see "**Device Tab**" on page 48.
- (For DP-8060/8045/8035, DP-3030/2330) If the matching paper size is not found, the printer driver will select the Bypass Tray.
- The **Tray 3**, and **Tray 4** are not available for DP-8016P.

11. Cover Page... button

(Available for PCL 6 Emulation Printer Driver only)

You can configure the settings for cover pages.

To use a cover page, select **Front Cover** or **Back Cover**.

Specify the **Cover Type** either **Blank** or **Printed**.

Blank : Produces a blank cover page from the specified paper source.

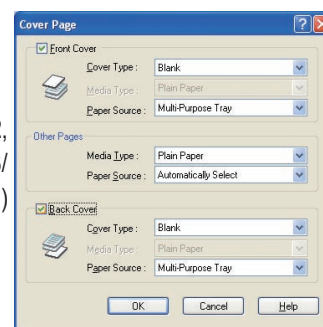
Printed : Prints the first or last page as the cover page from the specified paper source.

In **Other Pages** section, specifies the media type and paper source used for pages other than the Front and Back covers. Configure the same way as carried out for **Media Type** and **Paper Source** in the **Basic** tab.

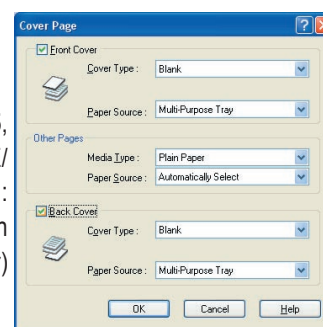
Note:

- Cover pages are not available with **Reverse Page Order**.
- Cover pages are not available with **Poster**.
- **Back Cover Page** is not available with **Booklet**.

(For DP-C322/C262, DP-C354/C264/C323/C263/C213)

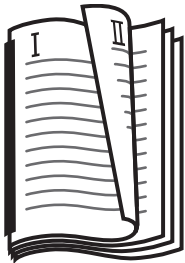
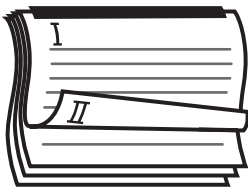

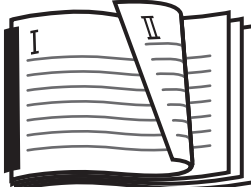


(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P : PCL 6 Emulation Printer Driver)



12. Duplex

Duplex (double-sided) is the process of printing on both sides of a piece of paper.

<p>None Select this for single-sided printing. The default is None.</p>			
<p>Flip on Long Edge Perform double-sided printing, flipping the paper along its long edge (sometimes called Long Edge Binding).</p>		<p>Flip on Short Edge Perform double-sided printing, flipping the paper along its short edge (sometimes called Short Edge Binding).</p>	
Portrait format	Landscape format	Portrait format	Landscape format
			

Note:

Duplex printing is available if **Media Type** is set to **Plain Paper**, **Glossy/Photo Paper**, **Recycled Paper**.

13. Duplex Margin (Available for PCL 6 Emulation Printer Driver only)

Specifies the gutter for duplex printing.






Set the gutter in a range of **0.0-2.0in. (0-50mm)**.

14. Duplex Option

Used to activate the **Duplex Notice** function.

15. Layout Print

Allows printing of documents in a variety of layouts.

	Pages per Sheet	Save paper by printing several pages reduced onto a single sheet.
	Booklet	This feature is handy for creating your own booklets. After printing, fold sheets in half to create booklets.
	Fit to Output Paper Size	Scales the source document to fit it onto the specified paper.
	Zoom	Prints documents at the specified magnification.
	Poster	Enlarges single-page documents for printing on several sheets. Assemble the printed documents to make posters.

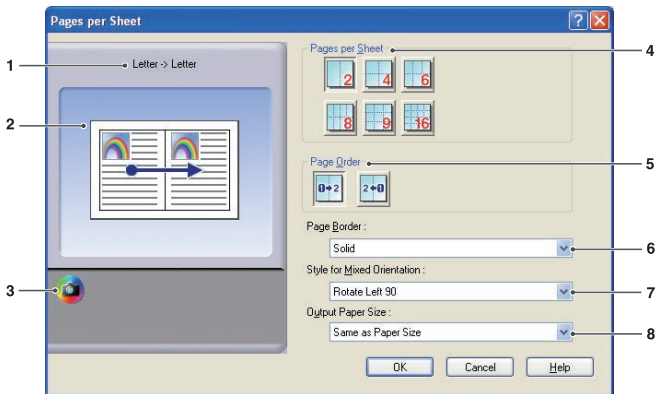
Note:

- *Windows NT 4.0:*
This feature cannot be used when sending print jobs to a shared network printer.
- *Windows 2000/Windows XP/Windows Server 2003:*
This feature is unavailable if the Windows NT 4.0 printer driver is installed. Be sure to install the driver that matches your operating system.

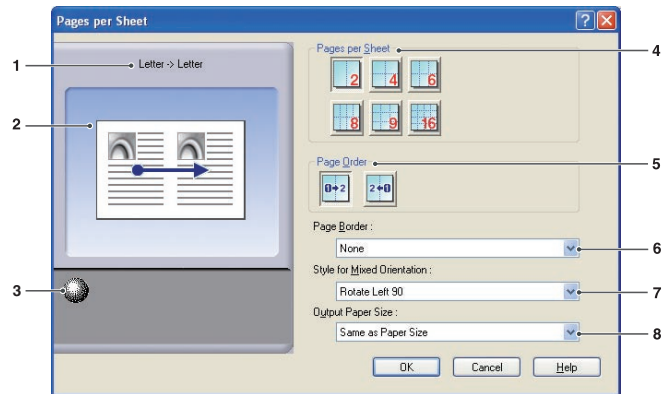
Basic Tab

Pages per Sheet

Several pages are reduced in size and printed next to each other on single sheets. This feature is convenient for printing test sheets and conserving paper.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)









1. **Paper Size**
Displays the current **Paper Size** and **Output Paper Size** settings.
2. **Paper Image**
Represents the current settings, along with the icons shown below.

3. **Icons**
Represent the current settings, along with the paper image shown above.
4. **Pages per Sheet**
Specifies how many pages to reduce and print on single sheets.
Choose from **2 up**, **4 up**, **6 up**, **8 up**, **9 up**, or **16 up**.

Continue on the next page...

5. **Page Order**

Specifies the order in which multiple pages are arranged on single sheets.

2 up Portrait	2 up Landscape	4, 6, 8, 9, 16 up
 : Left to Right	 : Up to Down	 : Right, then Down
		 : Down, then Right
 : Right to Left	 : Down to Up	 : Left, then Down
		 : Down, then Left

6. **Page Border**

Select this option to print a border around each page.

Solid	Print a solid line around each page.
None	Do not print page borders.

7. **Style for Mixed Orientation (Except for Windows 98/Windows Me)**

In print jobs with different paper orientations, this option specifies in which direction the printed image is rotated.

Rotate Left 90	Rotates the printed image counter-clockwise 90°
Rotate Right 90	Rotates the printed image clockwise 90°
Not Rotate	Do not rotate the image.

8. **Output Paper Size**

Specify the size of paper used by the printer. The settings are the same as for **Output Paper Size** configured in the **Basic** tab.

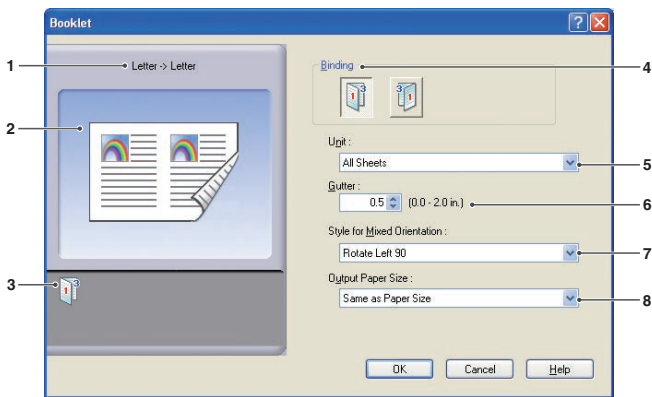
Basic Tab

■ Booklet

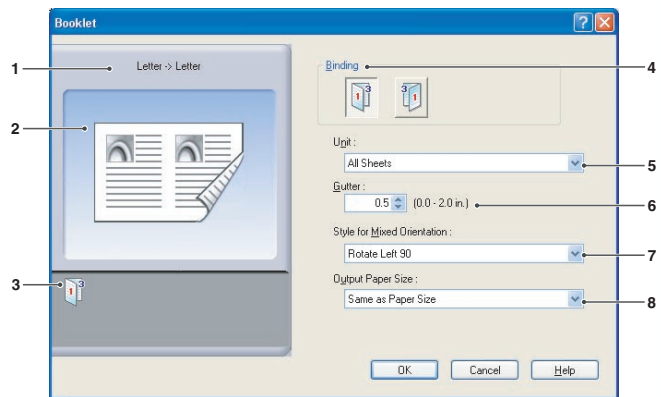
Fold printouts in half to make booklets. This feature is handy for creating your own booklets. If you create booklets from a large number of pages, you can increase the Unit number to divide them into several booklets.

Note (For DP-C322/C262, DP-C354/C264/C323/C263/C213):

Booklet selection is available if the Media Type is set to Plain Paper, Glossy/Photo Paper, or Recycled Paper.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. **Paper Size**
Displays the current **Paper Size** and **Output Paper Size** settings.
2. **Paper Image**
Represents the current settings, along with the icons shown below.
3. **Icons**
Represent the current settings, along with the paper image shown above.

4. **Binding**
Specifies the side that is closed after folding printouts in half.

	Left Binding
	Right Binding

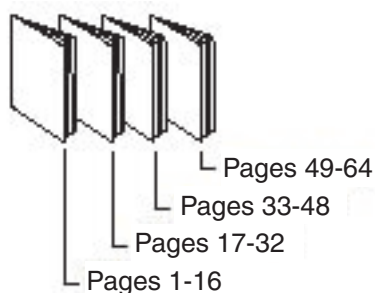
Continue on the next page...

5. **Unit**

Specifies the unit (sheet quantity) to be folded in half.

Choose from **All Sheets**, **1 Sheet**, **2 Sheets**, **4 Sheets**, or **8 Sheets**.

For example, printing a 64-page document as a booklet in 4-sheet units produces four separate blocks, as shown in the illustration.



6. **Gutter**

Specifies the space added between the center and the printing area when the printout is folded in half.

Set the gutter in a range of **0.0 - 2.0 in. (0 - 50 mm)**.

Be aware that the margin added by the software application will be appended to the gutter, so the actual gutter will be wider than the gutter you specify.

7. **Style for Mixed Orientation (Except for Windows 98/Windows Me)**

In print jobs with different paper orientations, this option specifies which direction the printed image is rotated.

Rotate Left 90	Rotates the printed image counter-clockwise 90°
Rotate Right 90	Rotates the printed image clockwise 90°
Not Rotate	Do not rotate the image.

8. **Output Paper Size**

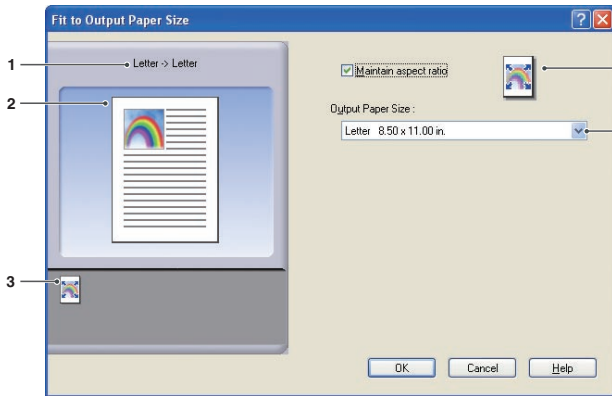
Specify the size of paper used by the printer.

The settings are the same as for **Output Paper Size** configured in the **Basic** tab.

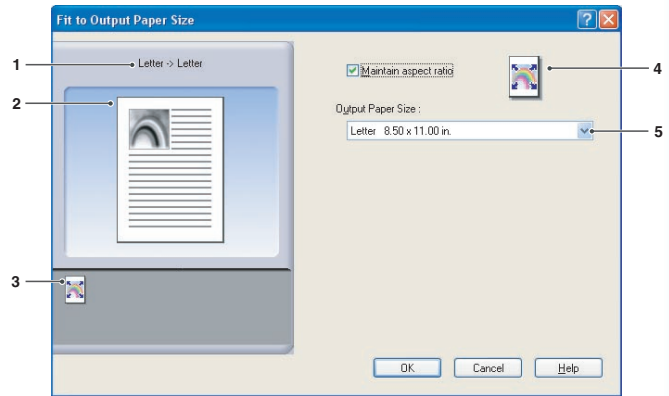
Basic Tab

Fit to Output Paper Size

Scales the source document to fit the specified paper. For example, this feature is convenient for printing A3/ Ledger source documents on A4/Letter paper.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. Paper Size

Displays the current **Paper Size** and **Output Paper Size** settings.



2. Paper Image

Represents the current settings, along with the icons shown below.

3. Icons

Represent the current settings, along with the paper image shown above.

4. Maintain aspect ratio

	Selecting this option preserves the aspect ratio (the ratio of height to width) when documents are scaled.
	When the check mark is removed, documents will be scaled to fill up the maximum print area on the page.

If you want to ensure the document is not distorted, select **Maintain aspect ratio**.

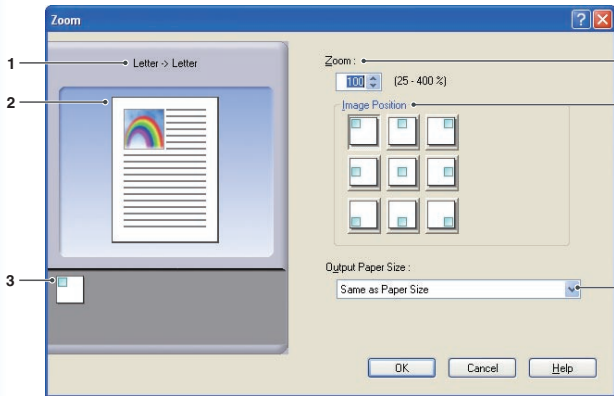
5. Output Paper Size

Specify the size of paper used by the printer. The settings are the same as for **Output Paper Size** configured in the **Basic** tab.

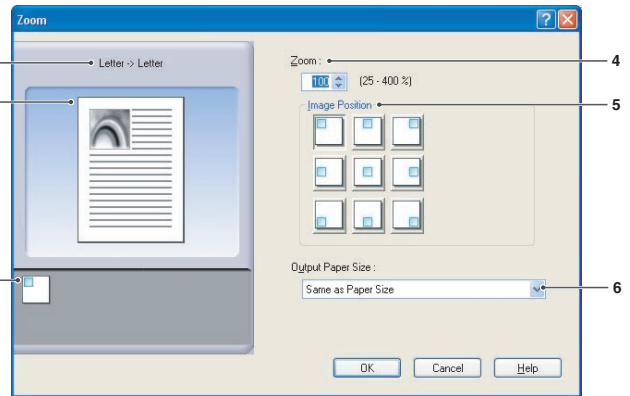
Basic Tab

Zoom

You can reduce or enlarge documents by specifying the desired magnification. You can also specify where scaled documents are positioned on the page.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. Paper Size

Displays the current **Paper Size** and **Output Paper Size** settings.

2. Paper Image

Represents the current settings, along with the icons shown below.

3. Icons

Represent the current settings, along with the paper image shown above.

4. Zoom

The magnification range can be adjusted between **25-400%**.

Note:

*Depending on the **Paper Size** setting, 400% enlargement may not be available.*

5. Image Position

Specifies the image position after scaling.

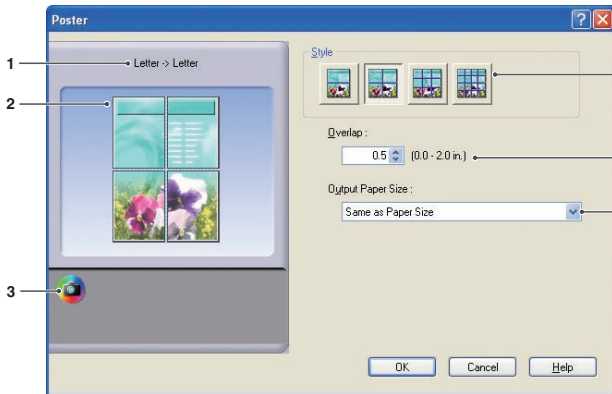
6. Output Paper Size

Specify the size of paper used by the printer. The settings are the same as for **Output Paper Size** configured in the **Basic** tab.

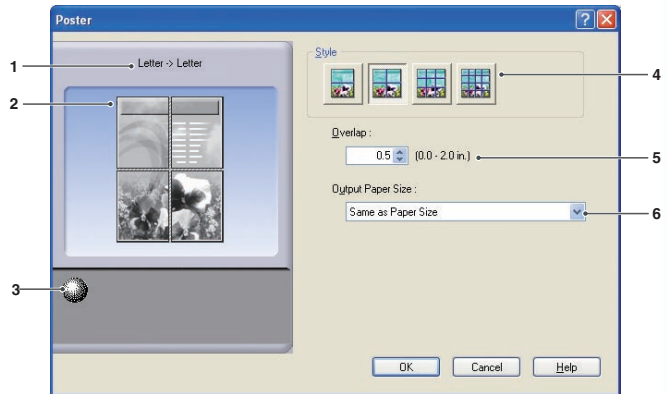
Basic Tab

■ Poster

Enlarges a single-page source document for printing in a specified number of sheets. You can use this feature to print large posters, just assemble the printed sheets.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. Paper Size

Displays the current **Paper Size** and **Output Paper Size** settings.

2. Paper Image

Represents the current settings, along with the icons shown below.

3. Icons

Represent the current settings, along with the paper image shown above.

4. Style

Specifies the number of sheets to print the image on.

Note:

*Depending on the **Paper Size** setting, the selectable styles are shown as image icon.*

5. Overlap

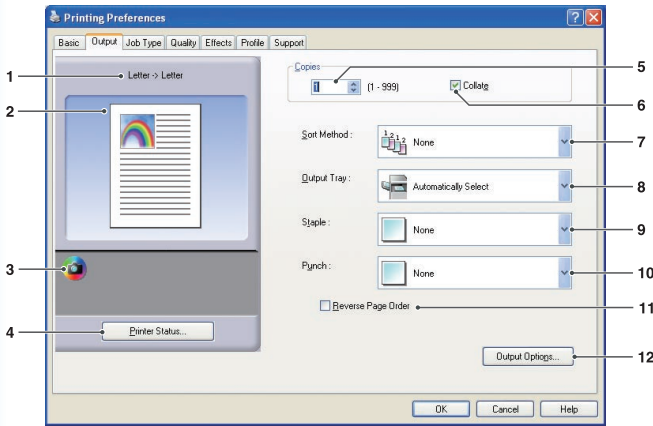
Specifies the amount of overlap involved when printed sheets are assembled.
(0.0 - 2.0 in. (0 - 50 mm)).

6. Output Paper Size

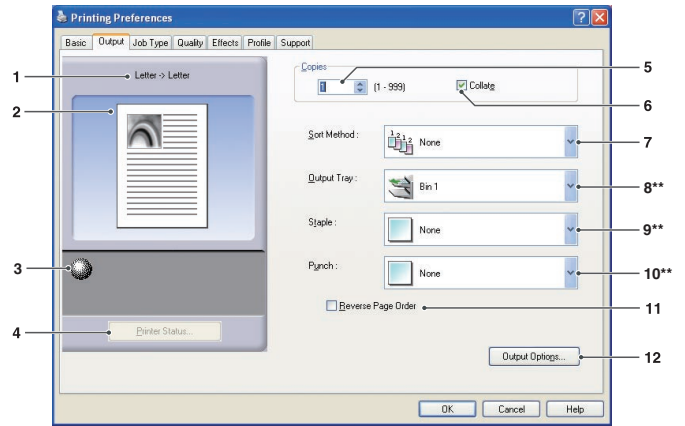
Specify the size of paper used by the printer.
The settings are the same as for **Output Paper Size** configured in the **Basic** tab.

Output Tab

Output tab is used for configuring output settings.

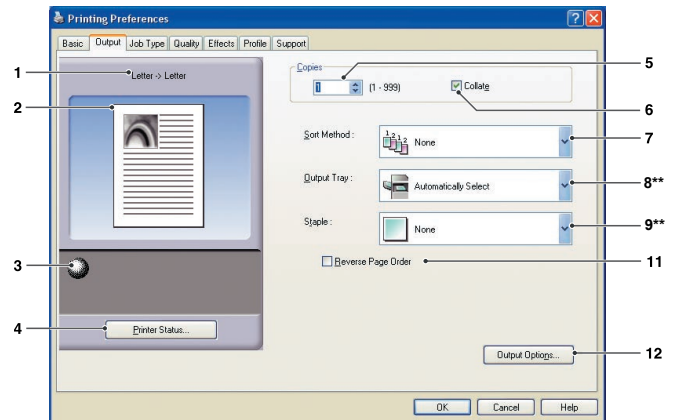


(For DP-C354/C264/C323/C263/C213, DP-C322/262)



(For DP-8060/8045/8035, DP-8020E/8020P*/8016P)

**** 8:Output Tray, 9:Staple, and 10:Punch functions are not available for DP-3030/2330, and DP-8020E/8020P*/8016P.**



(For DP-3030/2330)

1. Paper Size

Displays the current **Paper Size** and **Output Paper Size** settings.

2. Paper Image

Represents the current settings, along with the icons shown below.

3. Icons

Represent the current settings, along with the paper image shown above.



4. Printer Status... button

Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.

5. Copies

Specifies the number of copies to be printed.

6. Collate

	<p>Copies are stacked in the order they are printed. Multiple copies are printed in separate sets in the specified quantity. For example, if you print three copies of a five-page document, the printer prints pages 1-5 three times.</p>
	<p>Remove the check mark to print individual pages in the specified quantity. For example, if you print three copies of a five-page document, the printer prints page 1 three times before printing page 2 and so on.</p>

Note:

Collated printing may take some time if the **Printer Driver** is selected in **Copy Controlled by**. See "**Output Options...**" **button**" on page 28. Document data is processed repeatedly, as many times as the number of copies specified.

7. Sort Method

Specifies how pages are sorted when multiple copies are printed.

None	Printouts are stacked uniformly, one on top of another.
Rotate	Each set is rotated.
Shift	Each set is shifted.

Note:

- **Shift** is available only if the printer is equipped with a finisher.
- **Rotate** is available only when **Paper Source** is set to **Automatically Select**.
- **Rotate** requires paper of the specified size to be loaded in two trays, loaded for landscape and portrait printing.

8. Output Tray

Specifies the output tray.

Automatically Select	Automatically selects one of the following output trays.
Inner Tray	Sends printed jobs to the inner tray.
Outer Tray	Sends printed jobs to the outer tray. (Selection only displays if the printer is equipped with an outer tray)
Finisher	Sends printed jobs to the finisher. (Selection only displays if the printer is equipped with a finisher)

Note:

(For DP-8060/8045/8035, DP-3030/2330)
You can only select **Bin 1/ Bin 2** for the output tray.

9. Staple

Specifies the position of the staple.

Choose the position from **Left 1**, **Left 2**, **Right 1**, **Right 2**, **Top 2** or **Saddle Stitch**.

Note:

- Only available if the printer is equipped with an optional finisher.
- Available staple position may be different depending on the finisher.
- The staple capacity differ depending on the types of finisher and the paper size. (i.e. up to 50 sheets, Letter or A4 size, 1-Bin Saddle Stitch Finisher) Refer to Specifications in another provided booklet, the Operating Instructions (For Basic Function).
- When setting the staple position to **Saddle Stitch** with the **Booklet** printing, set paper in Landscape position.
- **Top 2** staple position is not available for DP-8060/8045/8035, DP-3030/2330.

10. Punch

Specifies the hole punch position.

Note:

- Only available if the printer is equipped with an optional finisher and puncher unit.
- Hole punching can be performed on the following paper sizes.
A3, A4, B4(JIS), B5(JIS), Ledger, Legal, Letter and **FLS2** (FLS2 is only available for DP-C322/C262, DP-C354/C264/C323/C263/C213)

Continue on the next page...

11. Reverse Page Order

Select this option to print in reverse (first page prints last) order.

Note:

- *Reverse Page Order cannot be used when Pages per Sheet, Booklet or Poster is selected.*
- *Windows NT 4.0:
This feature cannot be used with network printers connected to a print server.*
- *Windows 2000/Windows XP/Windows Server 2003:
This feature is not available if the Windows NT 4.0 printer driver is installed. Be sure to install the driver that matches your operating system.*

12. Output Options... button

Copy Controlled by:

Specifies how collated printing is carried out when **Collate** is on.

• **Printer:**

Collated printing is controlled by the printer.

• **Printer Driver:**

Collated printing is controlled by the printer driver. If the printer does not have enough memory for collated printing, try changing this setting.

Note:

- *Printing may take a while when Printer Driver is selected because collation is processed internally by the printer driver.*
- *The Printer Driver is not selectable if the Front Cover or Back Cover is specified on the Basic tab. (See page 17)*

Check Printer Status Prior to Printing:

Selecting this option obtains the printer status before printing to ensure printing is possible.

If printing is not possible, a warning dialog box is displayed.

Print Blank Pages:

Selecting this option will enable printing blank pages.

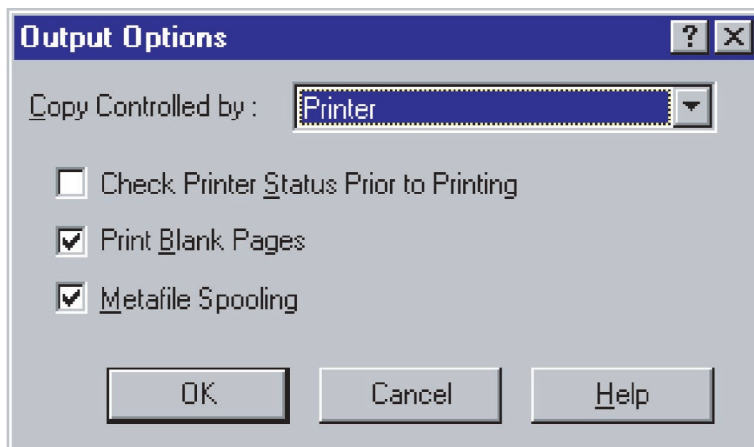
Note:

- *The Print Blank Pages is not selectable if the Duplex, Pages per Sheet or Booklet is set to be enabled on the Basic tab. (See pages 18, 19, 21)*
- *If the Watermark or Overlay is set to be enabled on the Basic tab, the device prints a blank page even the Print Blank Pages is set off.*

Metafile Spooling (Windows 98/Windows Me/Windows NT 4.0 only)

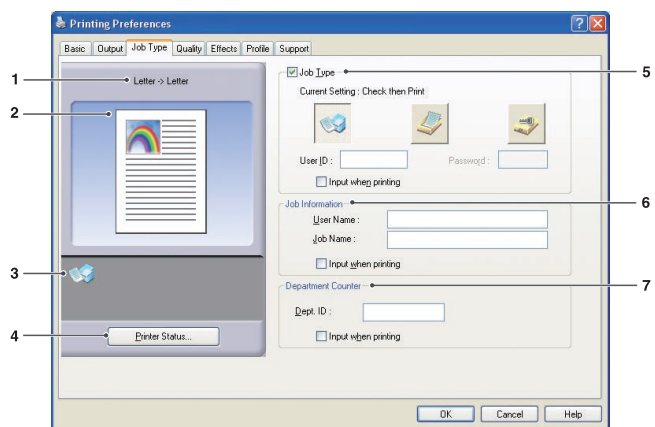
Selecting this option creates temporary enhanced metafile (EMF).

For normal printing, leave it set to the default (enabled). If compatibility problems occur, you can disable the feature.

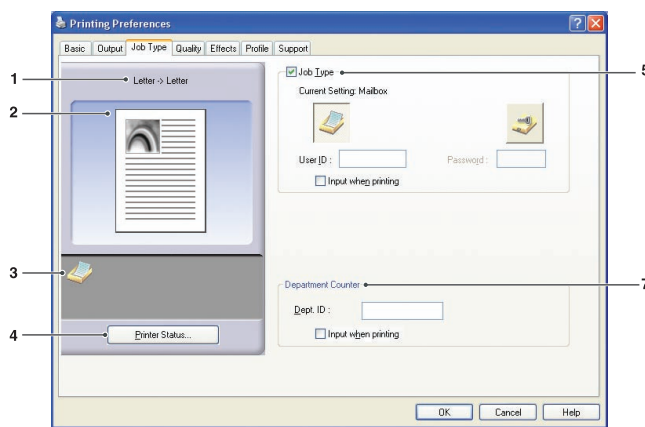


Job Type Tab

Job Type tab is used for configuring and identifying print jobs.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)






(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

- Paper Size**
Displays the current **Paper Size** and **Output Paper Size** settings.
- Paper Image**
Represents the current settings, along with the icons shown below.

- Icons**
Represent the current settings, along with the paper image shown above.
- Printer Status... button**
Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.

- Job Type**
Printed documents can be saved on the printer's hard disk drive (HDD) if the printer is equipped with one. Saved documents can be printed via the printer control panel. See "**Mailbox**" on page 61.

 Check then Print	Allows you to print one proof set, before proceeding to print a large multi-set with various settings. The documents data will be deleted from the printer after printing.
 Mailbox	Saves print data in the printer, in the mailbox specified by the User ID . The User ID must be entered to print documents saved in Mailbox. The document data will remain in the printer until it is deleted.
 Secure Mailbox	Saves print data in the printer, in the mailbox specified by the User ID . The User ID and Password must be entered to print confidential documents saved in Secure Mailbox. The document data will remain in the printer until it is deleted.

Note:

- Using **Job Type** requires that the optional **Hard Disk Drive Unit** is installed in the printer, and the **HDD Unit** must be **Installed in Device** tab. See "**Device Tab**" on page 48.
- Enter the **User ID** (up to 8-digit).
- Enter the **Password** (4-digit).
- **Check then Print** function is not available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P.

Continue on the next page...

6. Job Information

Most print jobs are identified by associated job information. Job names are specified by the software application, and user names correspond to the Windows logon account name. However, these names are often hard to recognize. They may be made up of long or blank job names and logon account names that are numbers. To prevent confusion from this, users can customize a **User Name** and **Job Name**. This makes the job information easy to understand.

The specified **Job Information** is shown on the Control Panel of the printers when printing a file.

Note:

Job Information is not available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P/8016P.*

User Name:

Enter up to 20 characters. The entered user name will be the **User Name** for that job. If left blank, the Windows logon account name will be applied.

Job Name:

Enter up to 80 characters. The entered job name will be the **Job Name** for that job. If left blank, the job name specified by the software application will be applied. (i.e. File name)

Note:

- Specify the User Name and Job Name using only in letters and numbers, because the control panel only capable of displaying letters and numbers for the User Name and Job Name.
- The following characters are not available for the **User Name** and **Job Name**.

`\ / * ? ; : ; . " < > |`

Input when Printing:

Selecting this option under each item in the Job Type tab (**Job Type/Job Information/Department Counter**) will display the screen below. Only the items selected will become active. Once you click OK, the value selected under this tab will automatically be set as the default value of the printer driver.

Also, if different options are selected at the same time using different applications, the setting will be overwritten to the most recently selected value and printing will proceed.

(For DP-C322/C262, DP-C354/C264/C323/C263/C213)

(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

Note:

*If the property of your OS is set to **Windows XP Style**, the tabs displayed in the driver menu and the font color and the button designs displayed in the **Input Job Type** screen may show up differently.*

7. Department Counter

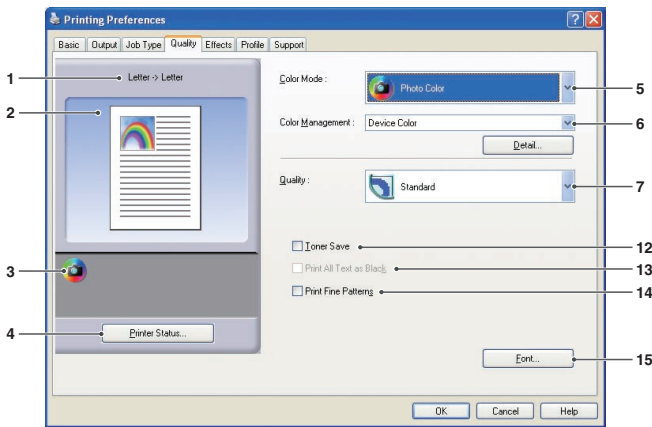
If the printer has been set up with **Department Codes**, the **Dept. ID** must be provided before printing.

(Printing is not permitted without an ID.)

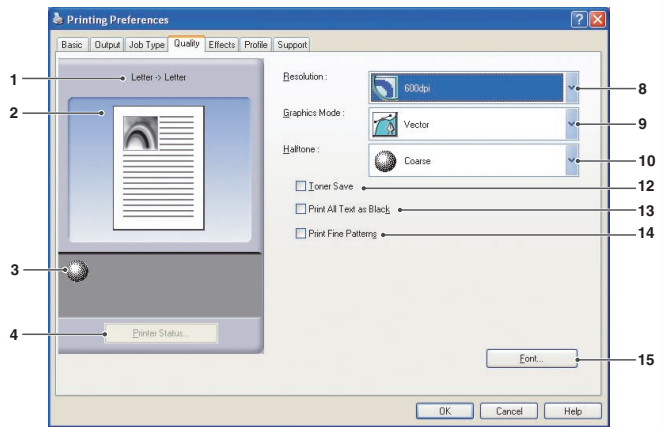
Enter the **Dept. ID** assigned by the administrator.

Quality Tab

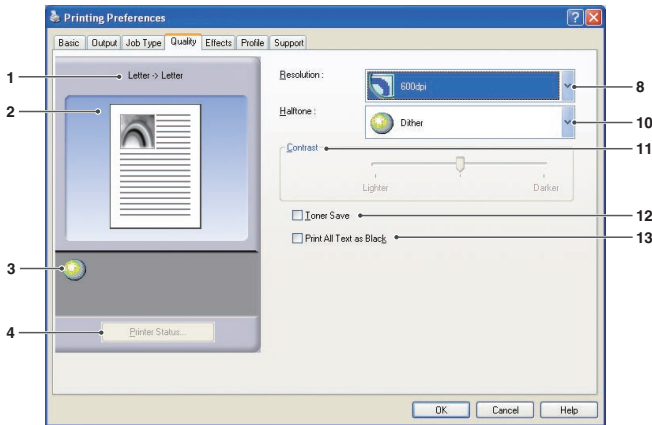
Quality tab configures the settings that determine the print quality.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P : PCL 6 Emulation Printer Driver)



(For DP-8060/8045/8035, DP-8020E/8020P*/8016P : Standard Printer Driver)

1. **Paper Size**
Displays the current **Paper Size** and **Output Paper Size** settings.
2. **Paper Image**
Represents the current settings, along with the icons shown below.
3. **Icons**
Represent the current settings, along with the paper image shown above.
4. **Printer Status... button**
Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.

5. **Color Mode (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)**
Specifies whether to print in color or grayscale.

Color	Prints documents in color.
Photo Color	Prints photos with the optimal settings.
Grayscale	Prints documents in monochrome.

Note:
Photo Color mode takes more time to print a file.

Continue on the next page...

6. **Color Management (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)**

To fine-tune color reproduction, click the button and adjust the settings as desired.

• **When printing documents in color:**

Device Color	Choose this option to adjust the original color settings. For more detailed adjustment, click the <input type="button" value="Detail..."/> button and adjust the colors as desired. See " Color Space " on page 34 and " Adjustment " on page 35.
ICM	Choose this option to use ICM (Image Color Matching). For more detailed adjustment, click the <input type="button" value="Detail..."/> button and adjust the rendering intent. See " Rendering Intent " on page 37 and " Adjustment " on page 36.

• **When printing documents in grayscale:**

Brightness Adjustment	You can adjust the brightness for grayscale printing. See " Brightness Adjustment " on page 38.
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Note:

- The **ICM** is not available when the **Photo Color** is selected on the **Color Mode** menu.
- **ICM** is not available in Windows NT 4.0.

7. **Quality (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)**

Specifies the printing resolution.

Choosing a higher resolution improves the print quality but slows printing.

Standard	Prints at a print engine resolution of 600×600 dpi .
Enhance	Prints at a print engine resolution of 1200×1200 dpi .
Draft	Prints at a print engine resolution of 300×300 dpi .

Note:

- Printing takes twice as long when **Enhance** is selected.
- When the **Media Type** is **Transparency**, the quality is automatically set to **Standard**.
- When the customized paper size to be set with **Use Long Paper (over 18 in)** is printed, the quality is automatically set to **Standard**. (See page 16)
- **Enhance** is not available unless the 512MB optional printer memory is installed. (See page 48)

8. **Resolution (Available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P only)**

Specifies the printing resolution.

Choosing a higher resolution improves the print quality but slows printing.

1200 dpi	Prints at a print engine resolution of 1200x1200 dpi .
600 dpi	Prints at a print engine resolution of 600x600 dpi .
300 dpi	Prints at a print engine resolution of 300x300 dpi .

Note:

1200 dpi Print is not available for Standard printer Driver and, DP-8020E/8020P*/8016P.

9. **Graphics Mode (Available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P PCL 6 Emulation Printer Driver only)**

Vector	Treat line information as graphic data.
Raster	Treat all information as Bitmap data.

10. **Halftone (Available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P only)**

- PCL 6 Emulation Printer Driver **Normal**, **Fine**, and **Coarse** can be selected.
- Standard Printer Driver **None**, **Dither**, and **OS Halftone** can be selected.

11. **Contrast (Available for DP-8060/8045/8035, DP-8020E/8020P*/8016P Standard Printer Driver only)**

Defines the darkness of the dots printed on the paper.

12. **Toner Save**

Choose this option to conserve toner. The overall effect is lighter, so this feature is recommended for test printing or producing documents for which appearance is not critical.

13. Print All Text as Black

Prints all colored text in black. In grayscale mode, colored text may appear faint when printed. When this option is on, the printer prints all text in black for better legibility.

Note:

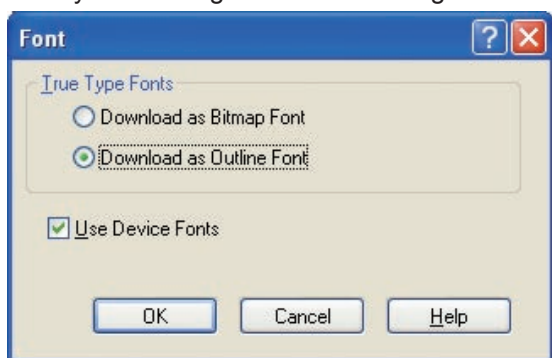
- Only available when **Color Mode** is set to **Grayscale**.
- This does not change the color of text created as graphics.
- When the Text color is in white, it does not change its color to black if you are using the Standard Printer Driver. However, if you are using the PCL 6 Emulation Printer Driver, the text color will change to black if **Print All Text as Black** is enabled. Please disable the checkbox if the background of a printing document is in black.

14. Print Fine Patterns (Not available for DP-8060/8045/8035 and DP-8020E/8020P*/8016P with Standard Printer Driver)

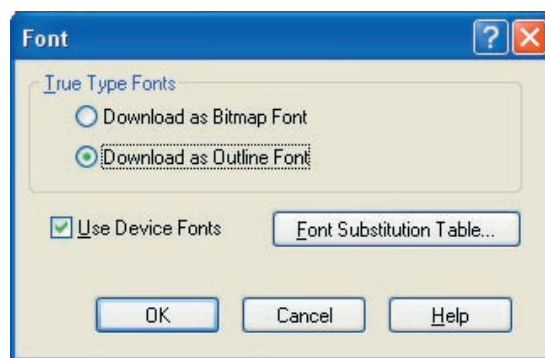
Change this option if you are getting unexpected result with print files and patterns. If this option is set "ON", it may cause difference between on-screen appearance and printed out.

15. button

Allows you to configure the font settings.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P PCL 6 Emulation Printer Driver)

TrueType Fonts:

Specifies how TrueType fonts are downloaded by the printer.

Download as Bitmap Font	Download fonts as Bitmaps.
Download as Outline Font	Download fonts as Outlines. If the document includes a lot of text in large fonts, this may reduce the amount of print data.

Note:

- Depending on the type of characters, in some cases, even if **Download as Outline Font** is selected, fonts may be downloaded as bitmaps.
- Font button is not available for DP-8060/8045/8035, DP-8020E/8020P*/8016P Standard Printer Driver.

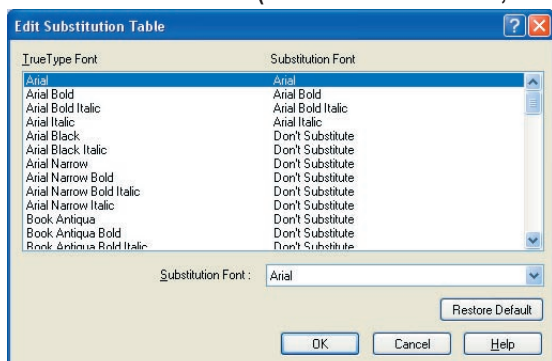
Use Device Fonts:

Selecting this option makes the printer use resident fonts matching the document fonts. In this case, printing is faster because only the character code is transferred, without downloading fonts.

Note:

- A list of the available device fonts can be printed via the **Printer Settings No. 07** on the Function Mode.
- Even if the fonts installed in Windows and on the printer have the same typeface name, they may be slightly different. Thus, do not select this option if you want printouts to match the appearance on screen exactly.

Font Substitution Table: (for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P PCL 6 Emulation Printer Driver)



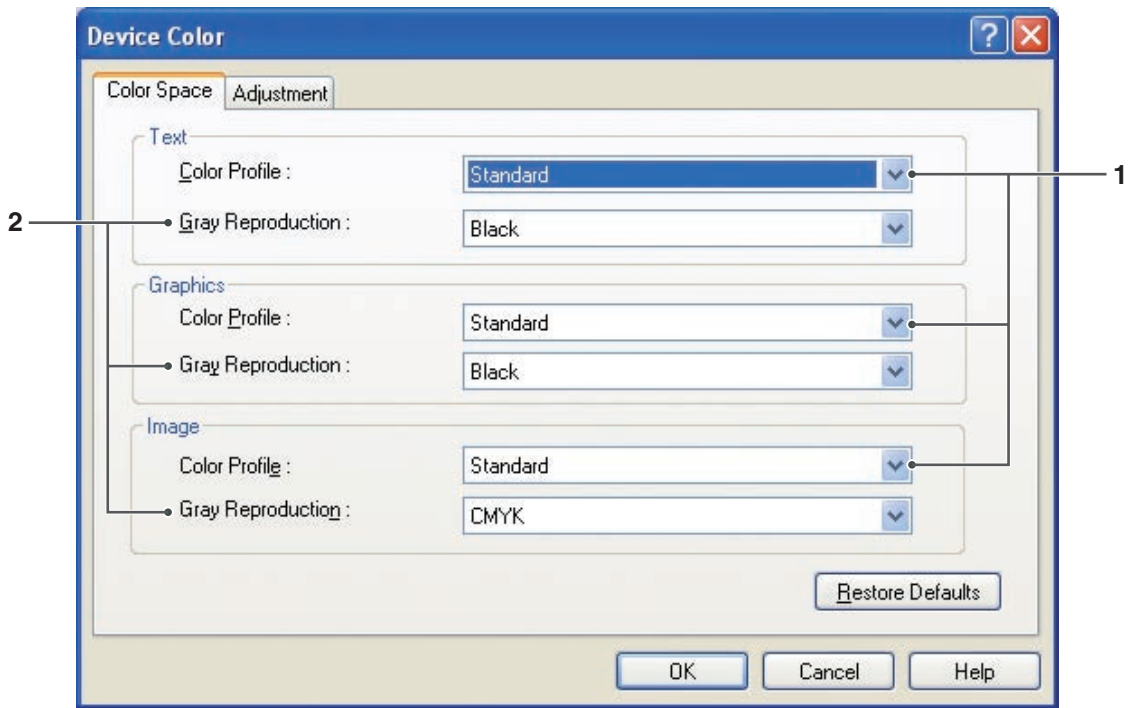
Note:

Font Substitution Table is not available for Windows NT and Windows 2000.

Quality Tab

■ Color Space (When Device Color Selected in Color Management) (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)

Click the **Detail...** button of **Quality** tab, you can configure color and grayscale reproduction differently for text, graphics and images.



1. Color Profile

Specifies color reproduction for text, graphics, and images.

Standard	Print with color reproduction close to standard color monitors.
Vivid	Print with more vivid color reproduction. A good choice for line art and graphics.

2. Gray Reproduction

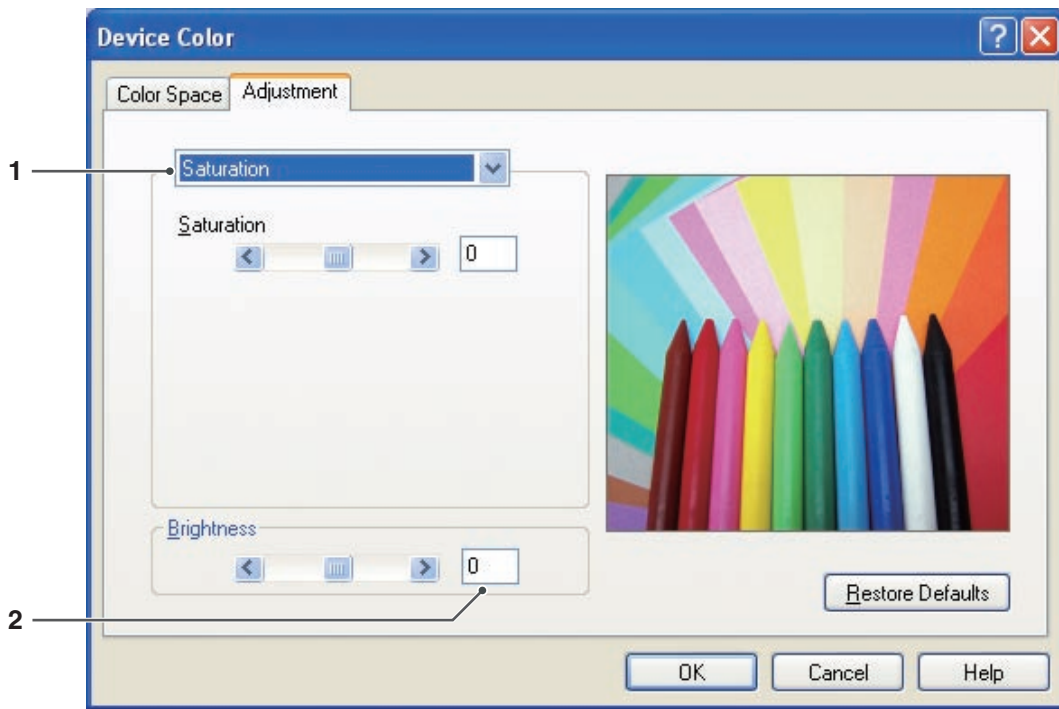
Specifies black output for text, graphics, and images.

CMYK	Use the four colors of CMYK to reproduce intermediate shades of gray.
Black	Use only black to reproduce intermediate shades of gray.

Quality Tab

■ Adjustment (When Device Color Selected in Color Management) (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)

Click the button of **Quality** tab, to adjust the saturation and brightness.



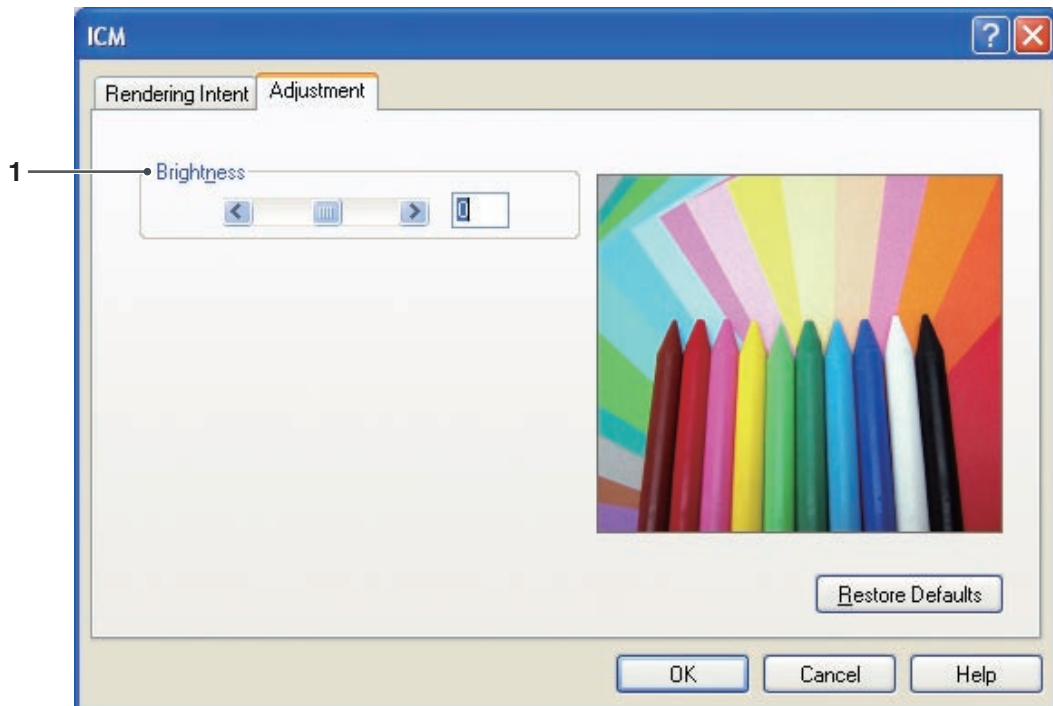
1. **Adjustment** (Available only when **Device Color** is selected)
Adjusts the colors in each settings.

Saturation	Color saturation is adjustable. The adjusted output image is represented on the sample window (reference only).
RGB Balance	The color levels are adjustable for red, green and blue. The adjusted output image is represented on the sample window (reference only).
CMYK Balance	The color levels are adjustable for cyan, magenta, yellow and black. The adjusted output image is represented on the sample window (reference only).

2. **Brightness**
Color brightness is adjustable. The adjusted output image is represented on the sample window (reference only).

Quality Tab

- Adjustment (When ICM Selected in Color Management)
(Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)



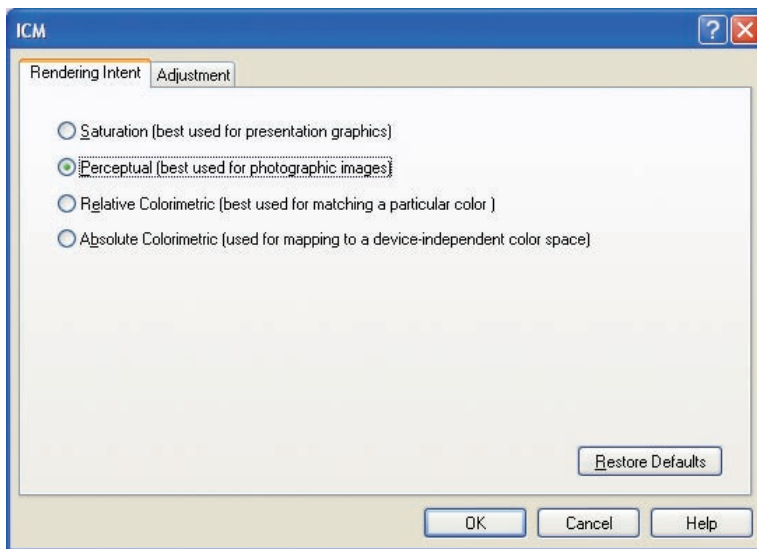
1. Brightness

Color brightness is adjustable. The adjusted output image is represented on the sample window (reference only).

Quality Tab

■ Rendering Intent (When ICM Selected in Color Management) (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)

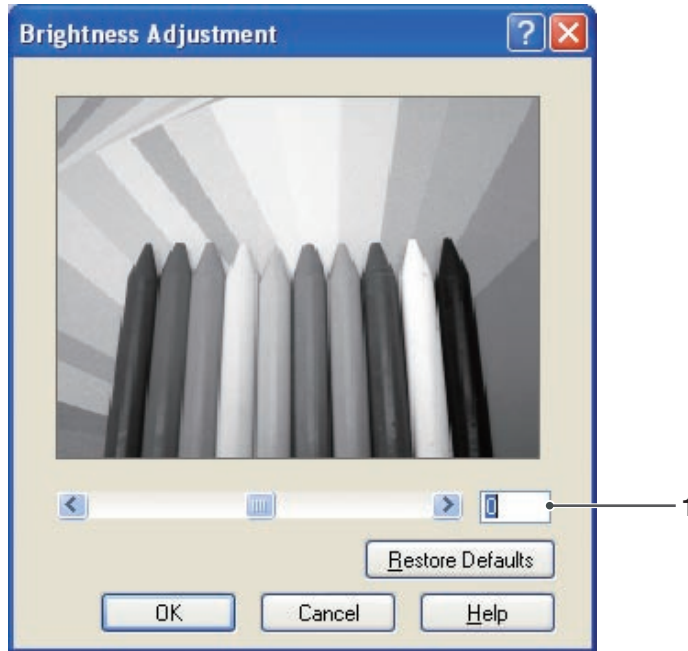
Click the button of **Quality** tab, to select the rendering intent.



Quality Tab

■ Brightness Adjustment (When Grayscale Selected in Color Mode) (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)

Click the button of **Quality** tab, to adjust the brightness.

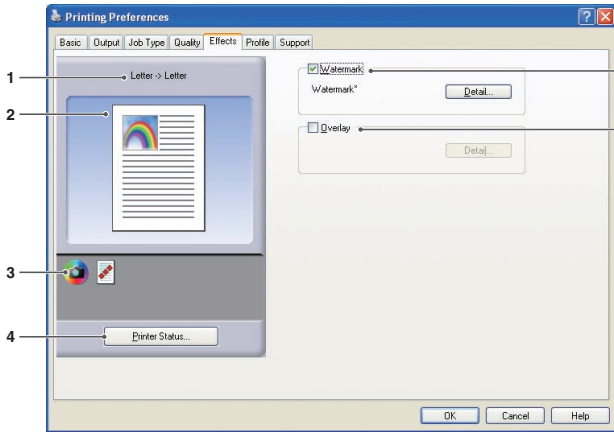


1. **Brightness**

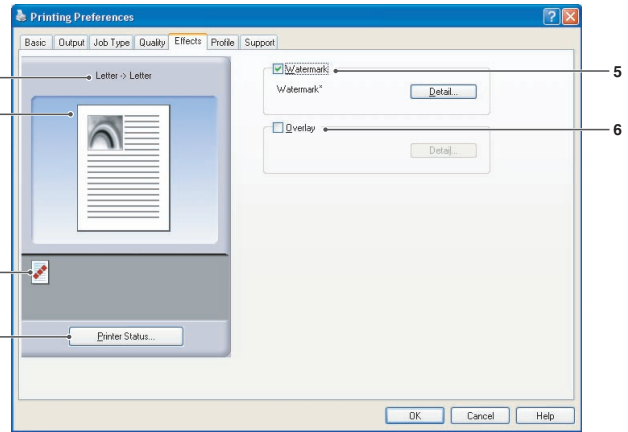
Grayscale brightness is adjustable. The adjusted output image is represented on the sample window (reference only).

Effects Tab

Add **Watermark** and/or **Overlay** to put your own signature on documents. To use these features, click the appropriate check box and configure the settings.



(For DP-C354/C264/C323/C263/C213, DP-C322/C262)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. Paper Size

Displays the current **Paper Size** and **Output Paper Size** settings.

2. Paper Image

Represents the current settings, along with the icons shown below.

3. Icons

Represent the current settings, along with the paper image shown above.

4. button

Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.

5. Watermark

Check the check box to activate the Watermark settings, click the button to open the setting window. (See Page 40)

6. Overlay

Check the check box to activate the Overlay settings, click the button to open the setting window. (See Page 42)

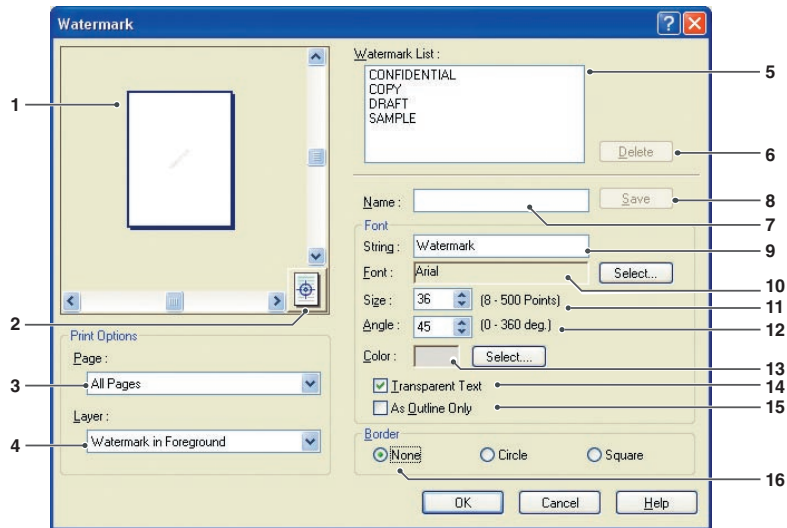
Note:

If 5 & 6 above are not set, the buttons for these features will be deactivated. To activate these features, check the check box of each feature to move to the settings screen.

Effects Tab

Watermark

Your choice of text can be printed in the document foreground or background as a watermark. You can also specify the pages for watermark printing.



1. Preview

For previewing the watermark selected in the list.

2. Move to center

Specifies to center the watermark on the page.

3. Page

Specifies which pages to print.

All Pages	Print the watermark on all pages.
1st Page Only	Print the watermark only on the first page.
All but 1st Page	Print the watermark on every page except the first.
Odd Pages	Print the watermark only on odd pages.
Even Pages	Print the watermark only on even pages.

4. **Layer**

Specifies the order to print layers (the watermark and the document).

Watermark in Background	Print it in the background of the document.
Watermark in Foreground	Print it in the foreground of the document.

5. **Watermark List**

Lists the watermarks that have been created. A preview of the selected watermark is displayed in the preview area.

6. **button**

Deletes the watermark selected in the watermark list.

7. **Name**

Enter the name to identify the watermark.
Enter 31 single-byte characters or less.

8. **button**

Watermark names you enter in **Name** are saved in the current setting.
The saved watermark is displayed in the watermark list.

9. **String**

Enter the text to be printed.
Enter 63 single-byte characters or less.

10. **Font**

Select the font by clicking the button to display the font selection dialog box.

11. **Size**

Specify the watermark size in a range of **8-500 Points**.

12. **Angle**

Specify the angle of watermark text in a range of **0-360 deg**.

13. **Color**

Select the color by clicking the button to display the color selection dialog box.

14. **Transparent Text**

Select this option for clear watermark text that reveals the document underneath.

15. **As Outline Only**

Select this option to print the text as an outline.

16. **Border**

You can apply a border around the text.

None	No border.
Circle	Print the text in a circle.
Square	Print the text in a square.

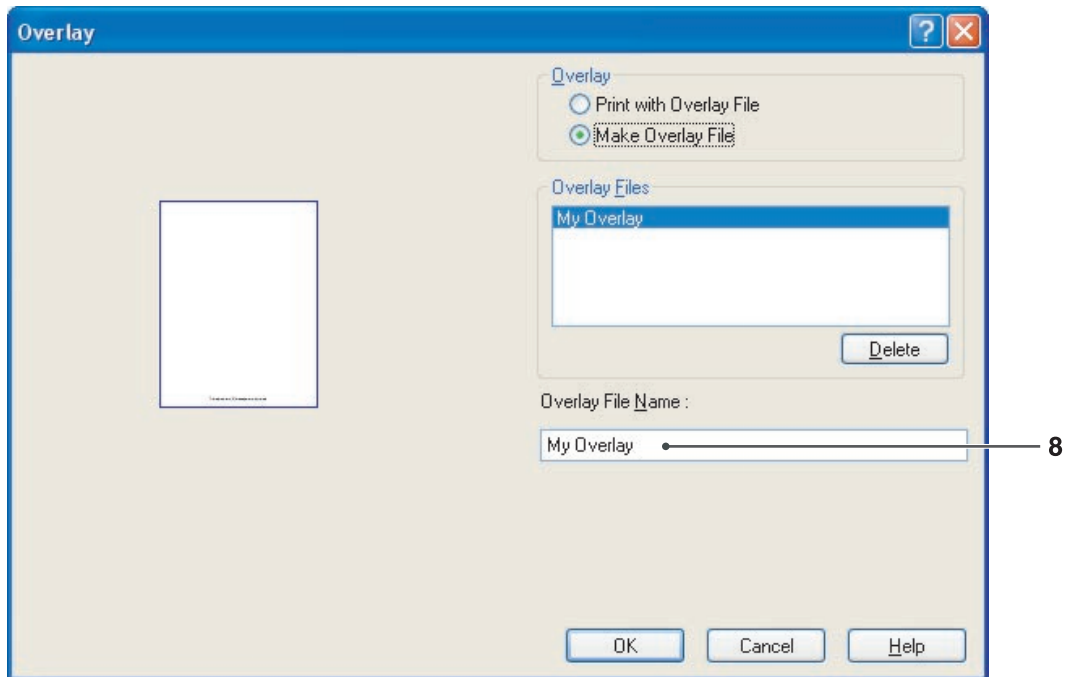
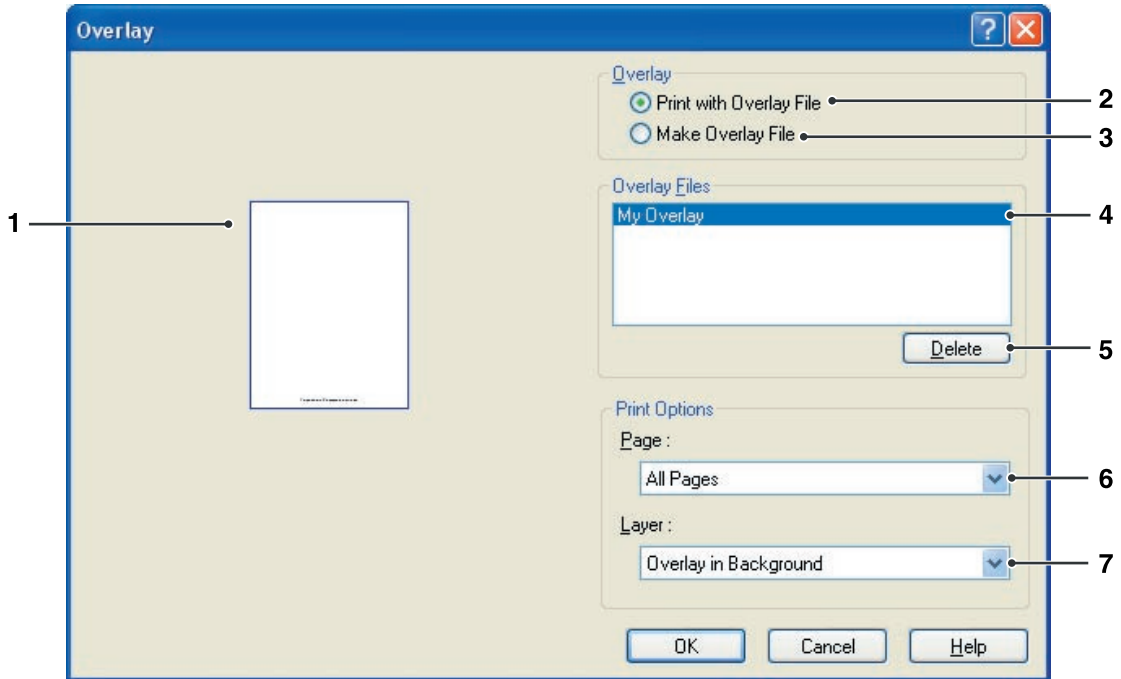
Note:

- *Watermark data is saved for individual users who are logged on. Those created by other users are not listed. However, for Windows 98/Windows Me, they are saved on a per-OS basis. Watermarks data is shared by all the users.*
- *Windows NT 4.0:
This feature cannot be used when sending print jobs to a shared network printer.*
- *Windows 2000/Windows XP/Windows Server 2003:
This feature is not available if the Windows NT 4.0 printer driver is installed. Be sure to install the driver that matches your operating system.*
- *The feature is not enabled if the **Poster** is selected on the **Basic** tab. (See page 25)*
- *The saved watermark lists will not be deleted when the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is uninstalled. The watermark lists will automatically be recognized if the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is installed again.*
- *The following characters are not available for the Watermark file name.
\\ / * ? ; : . " < > |*
- *DP-8060/8045/8035, DP-8020E/8020P*/8016P Standard Printer Driver:
When using the Watermark function select **Dither** for the **Halftone** in the **Quality** Tab.*
- *DP-8060/8045/8035, DP-8020E/8020P*/8016P PCL 6 Emulation Printer Driver:
When using the Watermark function, select **Vector** for the **Graphics Mode** in the **Quality** Tab.*

Effects Tab

Overlay

Your registered images can be printed in the document foreground or background. It's easy to enhance documents with your company name or logo.



1. Preview

For previewing the overlay file selected in the list.

The preview does not display until the overlay is created.

2. Print with Overlay File

Print with an overlay. Select an overlay file and configure the **Print Options** settings.

3. Make Overlay File

Make the new overlay file. The first page will be saved (without printing) as overlay data.

Note:

Only the first page of multi-page documents can be used as overlay data.

4. Overlay Files

List the overlay files that have been created.

A preview of the selected overlay file is displayed on the left of the dialog box.

5. button

Delete the selected overlay file.

6. Page

Specifies which pages to print.

All Pages	Print the overlay on all pages.
1st Page Only	Print the overlay only on the first page.
All but 1st Page	Print the overlay on every page except the first.
Odd Pages	Print the overlay only on odd pages.
Even Pages	Print the overlay only on even pages.

7. Layer

Specifies the order to print layers (the overlay file and the document).

Overlay in Background	Prints the overlay in the background, under the document.
Overlay in Foreground	Prints the overlay in the foreground, over the document.

8. Overlay File Name

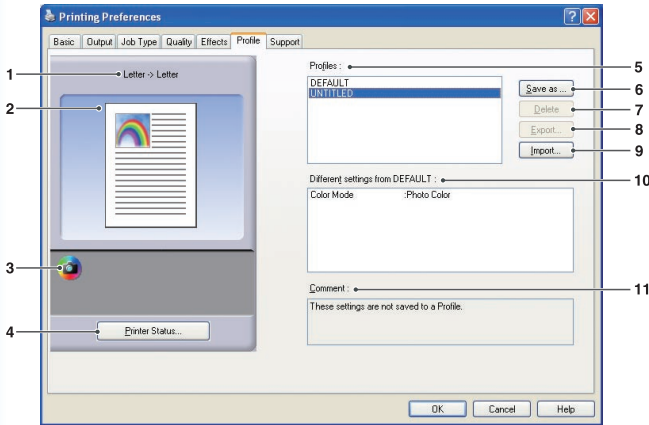
Enter the name of overlay file (up to 63 characters).

Note:

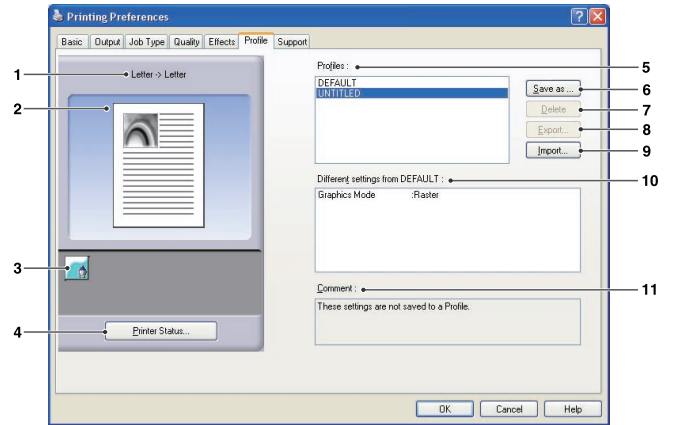
- *The following characters are not available for the Overlay File Name.*
`\ / * ? : ; . " < > |`
- *Overlay file is saved for individual users who are logged on.*
- *Windows NT 4.0:*
This feature cannot be used when sending print jobs to a shared network printer.
- *Windows 2000/Windows XP/Windows Server 2003:*
This feature is not available if the Windows NT 4.0 printer driver is installed. Be sure to install the driver that matches your operating system.
- *The feature is not enabled if the **Poster** is selected on the **Basic** tab. (See page 25)*
- *The saved overlay files will not be deleted when the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is uninstalled. The overlay files will automatically be recognized if the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is installed again.*

Profile Tab

Registering the current settings as a profile makes it easy to recall the settings next time you print. The frequently used settings you save as profiles are easily adjustable as required.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. **Paper Size**

Displays the current **Paper Size** and **Output Paper Size** settings.

2. **Paper Image**

Represents the current settings, along with the icons shown below.

3. **Icons**

Represent the current settings, along with the paper image shown above.

4. **Printer Status... button**

Used to check the printer status, launch the **Device Monitor**, which displays the status. This feature is only available when the printer is connected over a TCP/IP network.

5. **Profiles**

List the profiles that have been created. **DEFAULT** is the factory setting. **UNTITLED** is the current setting that has not been saved.

6. **Save as... button**

Save the current settings. The profile is named and comments can be added before saving. If the name of an existing profile is used, that profile is overwritten. Enter 31 single-byte characters or less for the profile name, 127 or less for the comment. If you select **Do not save Paper Size and Orientation, Paper Size and Orientation** will not be saved in the profile. These Paper settings are also configured in each software applications, so it is advisable to check the Profile box before saving the profiles.

Note:

- **DEFAULT** and **UNTITLED** cannot be used as profile names.
- The new profiles will be saved for all users who log on. However, for Windows 98/Windows Me, profiles are saved on a per-OS basis.
- The saved profiles will not be deleted when the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is uninstalled. The saved user profiles will automatically be recognized if the PCL 6 Emulation Printer Driver, or the Standard Printer Driver is installed again.

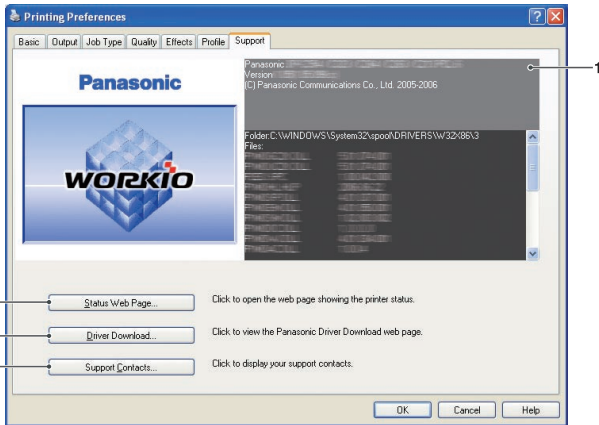
7. **button**
Deletes the selected profile.
Settings details of the deleted profile will be retained in the **UNTITLED** profile until the settings are changed.

Note:
*The profiles **DEFAULT** and **UNTITLED** cannot be deleted.*
8. **button**
Saves the selected profile as a file.

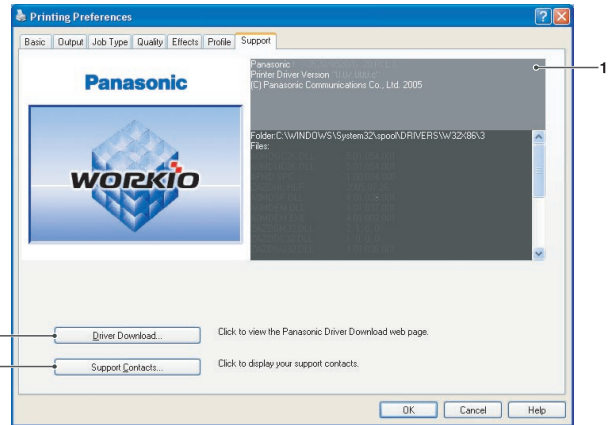
Note:
*The profiles **DEFAULT** and **UNTITLED** cannot be exported.*
9. **button**
Loads an exported profile and adds it to the list of profiles.
10. **Different settings from DEFAULT**
Displays the differences between the current setting and the default setting.
11. **Comment**
Displays comments about the profile.

Support Tab

Displays the printer driver version and various support information.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

1. Version Information

Displays the version of printer driver configuration files.

2. Status Web Page... button

(Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)

To check the current printer status, you can launch a default web browser and access the **Embedded Web Server** of the connected printer.

Note:

Make sure that your printer is connected on your network properly (TCP/IP only) to access the Embedded Web.

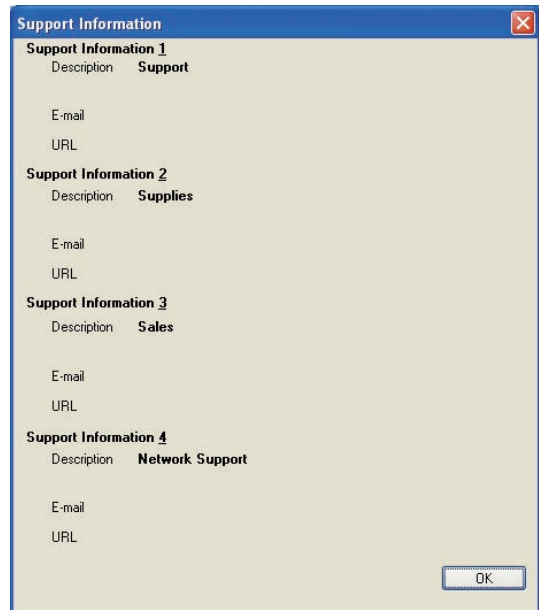
*The button is not selectable if the **Enable printer pooling** is set to ON and multiple ports are selected on the **Ports** tab.*

3. Driver Download... button

Launches the default web browser and accesses the manufacturer's download site to download the latest Printer Driver.

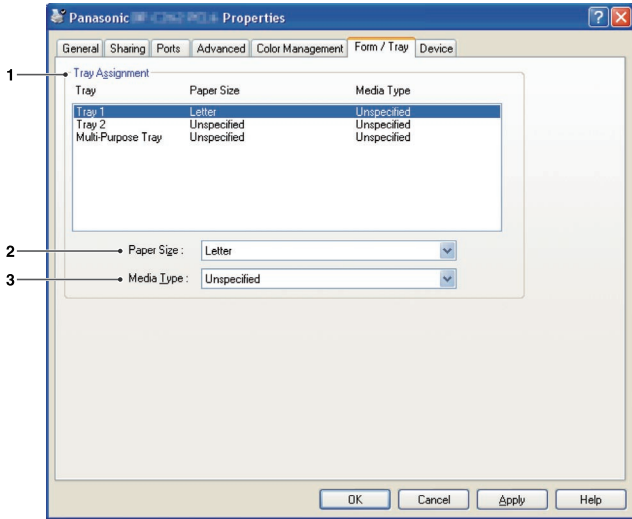
4. Support Contacts... button

Displays the dialog box with support information registered in the driver.

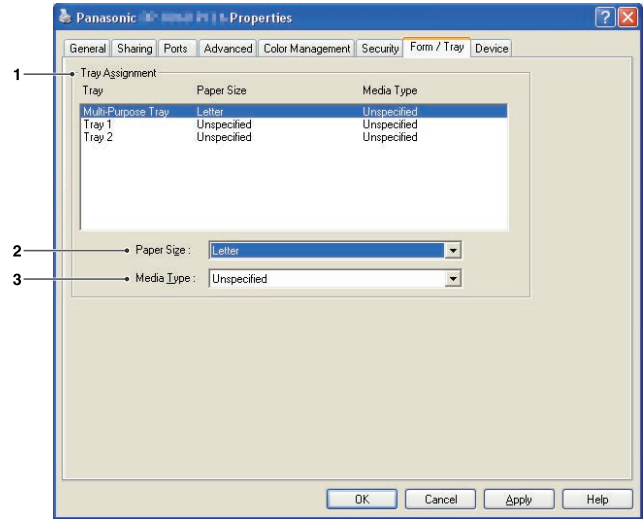


Form/Tray Tab (Except for Windows 98/Windows Me)

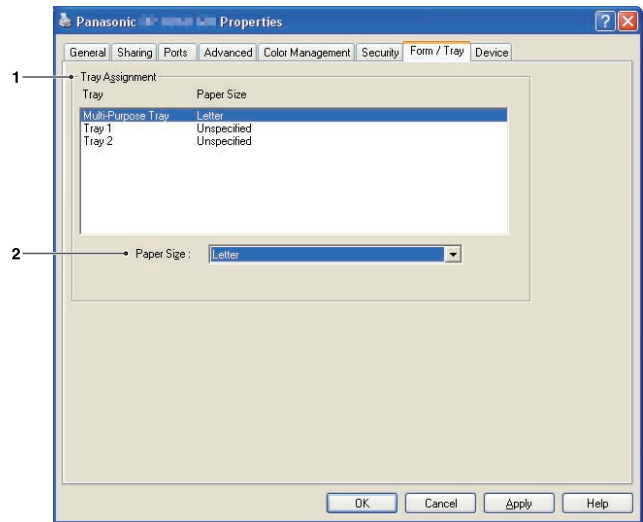
Assigning media to specific trays can prevent printing mistakes and instances when the printer stops because of paper mismatches.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P PCL 6 Emulation Printer Driver)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P Standard Printer Driver)

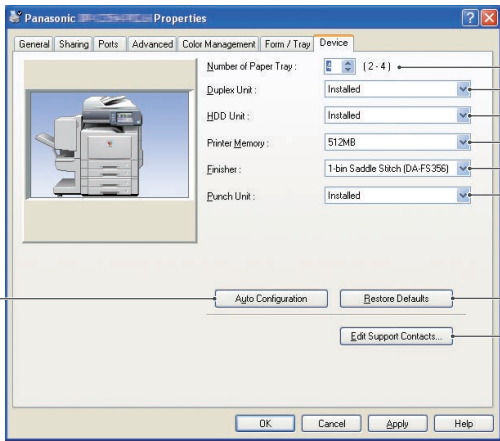
1. **Tray Assignment**
Specifies the **Paper Size** and **Media Type** assigned to the printer's **Tray**.
Select the paper tray from the list box, and then choose the paper size and media type.
2. **Paper Size**
Specify the paper sizes loaded in each tray. If you do not want to assign the paper size, select **Unspecified**.
3. **Media Type**
Specify the type of media loaded in each tray. If you do not want to assign the media type, select **Unspecified**.

- Note:**
- This setting is not displayed for Windows 98/Windows Me.
 - If the **Multi-Purpose Tray** was selected, ensure that the media type selection in the control panel matches the media loaded on the tray.
 - After specifying the paper size and media type loaded in each tray, the settings are not yet initiated on the printer and require activation. To activate the settings, click the **Advanced** tab (or the **Scheduling** tab in Windows NT 4.0) and select **Hold mismatched documents**. This ensures printing jobs are held in the case of mismatches between the specified tray and the type of paper loaded.
 - **Media Type** cannot be specified for the DP-8060/8045/8035 Standard Printer Driver.

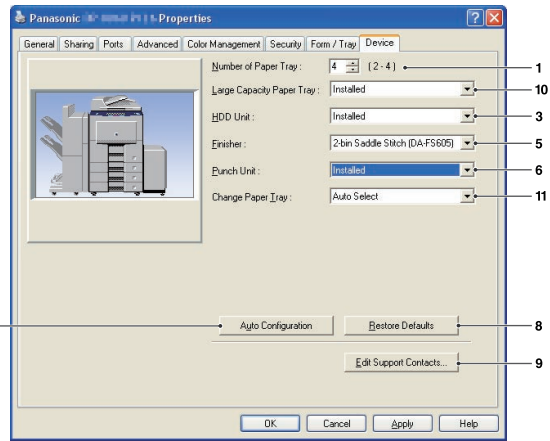
Device Tab

Used for configuring optional devices installed on the printer.

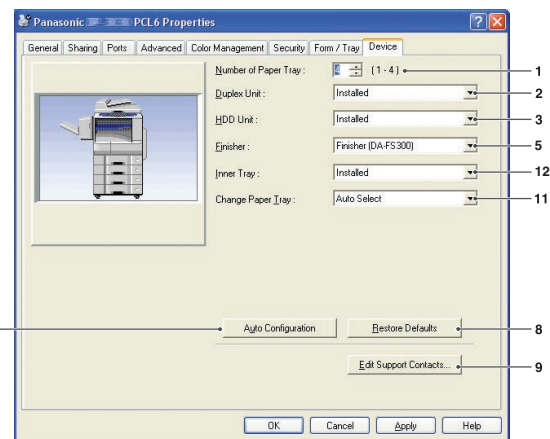
If the printer is connected to the Network (TCP/IP), use **Auto Configuration** to configure the optional devices installed on the printer or obtain information on the printer driver settings.



(For DP-C322/C262, DP-C354/C264/C323/C263/C213)



(For DP-8060/8045/8035)



(For DP-3030/2330)

1. **Number of Paper Tray**
Specifies the number of paper trays installed on the device.
2. **Duplex Unit (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213, DP-3030/2330 only)**
Select **Installed** if a duplex unit is installed.
3. **HDD Unit**
Select **Installed** if a hard disk drive unit is installed.
4. **Printer Memory (Available for DP-C322/C262, DP-C354/C264/C323/C263/C213 only)**
Select and specify the total amount of memory installed on the printer (standard + optional memory).
5. **Finisher (Not available for DP-8020E/8020P*/8016P)**
If the printer is equipped with a **Finisher**, select it from the list.
6. **Punch Unit (Not available for DP-3030/2330, DP-8020E/8020P*/8016P)**
Select **Installed** if a punch unit is installed.
7. **Auto Configuration button**
If the printer is connected to a Network (TCP/IP), clicking this button will search for installed printer options, which are automatically detected and configured.
Note:
Make sure that your printer is connected on your network properly (TCP/IP only). The button is not selectable if the **Enable printer pooling** is set to ON and multiple ports are selected on the **Ports** tab.

8. **Restore Defaults** button
Restores all **Device** tab settings to the factory default values.
9. **Edit Support Contacts...** button
Allows the entry and editing of support information.

The screenshot shows a dialog box titled "Support Information" with a close button (X) in the top right corner. It contains four sections, each with a "Description" label and a text input field, followed by "E-mail" and "URL" labels and their respective input fields. At the bottom, there are "OK" and "Cancel" buttons.

- Support Information 1**: Description: Support
- Support Information 2**: Description: Supplies
- Support Information 3**: Description: Sales
- Support Information 4**: Description: Network Support

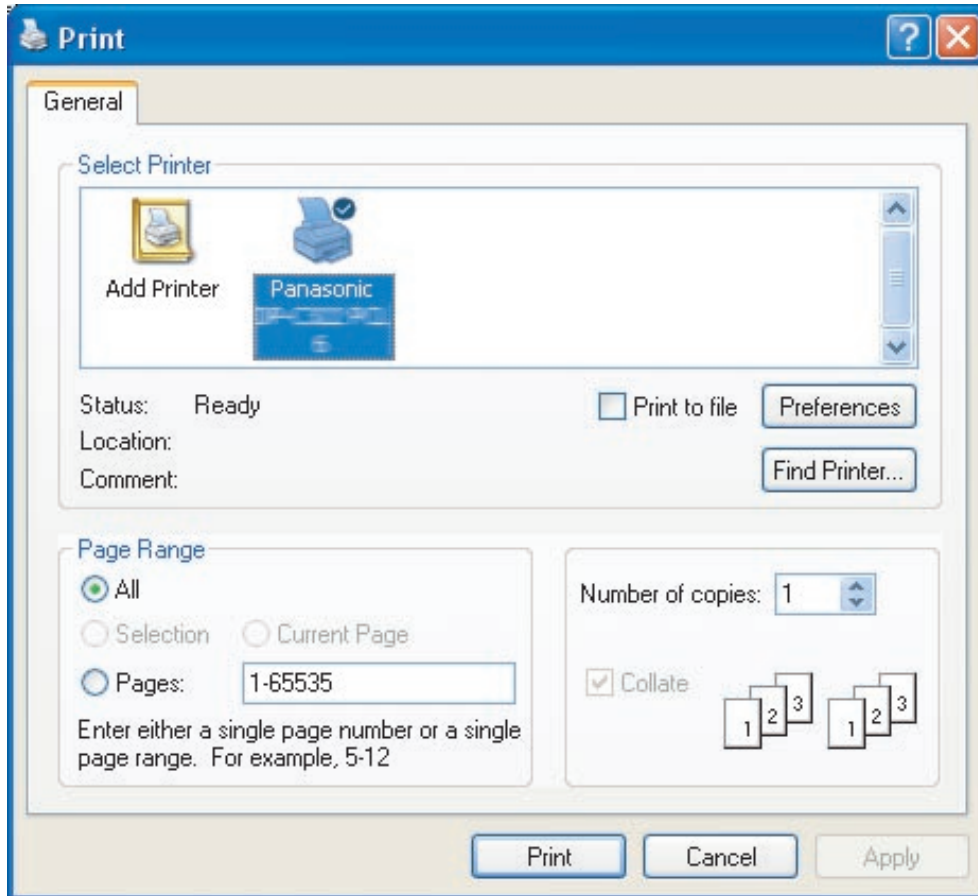
10. **Large Capacity Paper Tray (Available for DP-8060/8045/8035 only)**
Select **Installed** if the Large Capacity Paper Tray is installed.
11. **Change Paper Tray (For DP-8060/8045/8035, DP-3030/2330 : PCL 6 Emulation Printer Driver)**
Auto Select, when chosen, allows the paper to be fed continuously 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.
12. **Inner Tray**
Select **Installed** if the Inner Tray is installed.


Printing from Windows Applications

If the printer driver installed properly and is selected as the default printer in the printer setup, printing from any Windows application is a simple operation.

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:



Setup your preferred configuration (page range, number of copies, etc.) first, and then click the  button to start printing.

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

You may double-click the printer icon in the system tray to open and verify the details of the print queue.

Note:

If more than one printer is installed on your PC, follow the steps below to set a default printer:

1. Click the **Start** button, select **Settings**, and then click the **Printer** icon.
2. Right-click on the desired printer icon, and then select **Set as Default Printer** (*Set as Default will be displayed for Windows NT*) in popup menu. The check mark next to the printer icon denotes a Default Printer.

Printing on Network

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

Connection between the computers can be verified by displaying the connected computers in the **Network Neighborhood** on the desktop.

Refer to the explanation on how to specify printer sharing settings in another provided booklet, the Operating Instructions (For Setting Up).

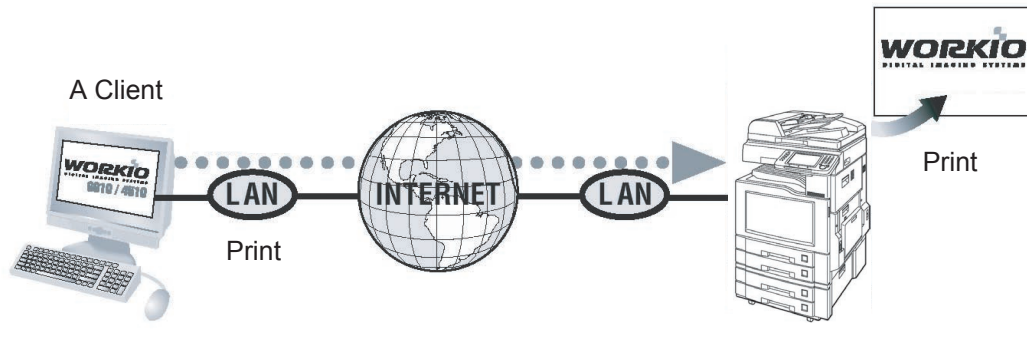
NOTE

1. Refer to the instructions in the Network Card's and Windows User's Guide manuals for connecting between computers.
2. On Windows 98/Windows Me, a computer connected to a printer must be setup to allow printer sharing by performing the following operations:
 - a) Double-click on **Network** in control panel, and then click **File and Print Sharing...** button in the **Configuration** tab.
 - b) Check "**I want to be able to allow others to print to my printer(s).**" in the **File and Print Sharing** dialog box.

IPP (Internet Printing Protocol) Printing

■ General Description

Prints documents from a machine located in a remote area via the Internet without its access being blocked by a proxy server. This feature is only available on Windows 2000, Windows XP, Windows 2000 Server, or Windows Server 2003.



Windows 2000
Windows 2000 Server
Windows XP
Windows Server 2003

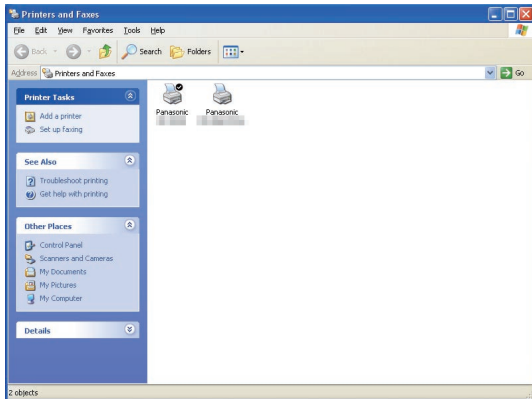
NOTE

IPP (Internet Printing Protocol) Printing is not available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P Standard Printer Driver.

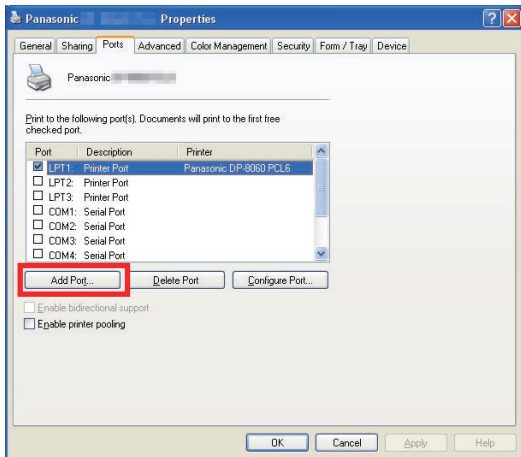
IPP (Internet Printing Protocol) Printing

■ Setting the IPP Printing

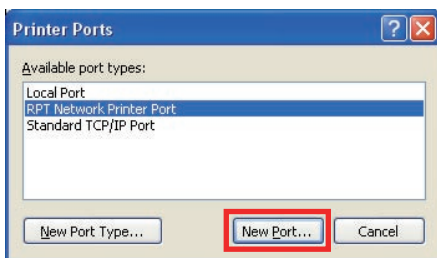
1 In the **Printers and Faxes** (For Windows 2000/ Windows Server 2003 **Printers**), right click the printer icon to open the printer properties screen.



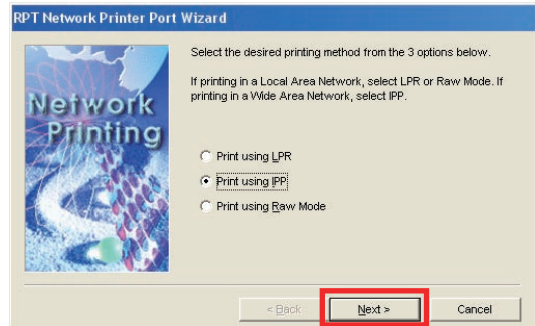
2 On the **"Ports"** Tab, click the **Add Port...** button.



3 **Printer Ports** screen appears. Select **RPT Network Printer Port**, and click the **New Port...** button.



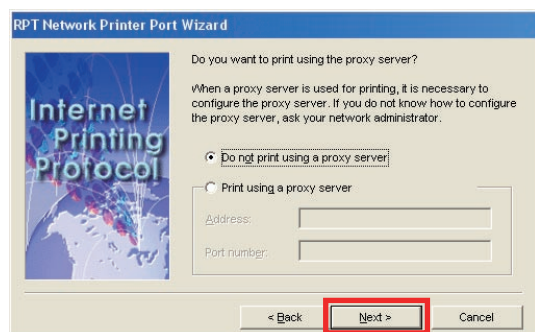
4 Select **Print using IPP**, and click the **Next >** button.



5 Select **Connect using a local area network**, and click the **Next >** button.



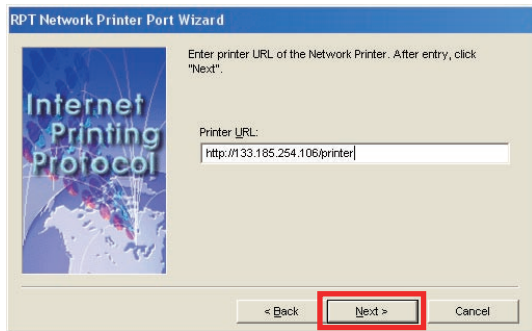
6 Select **Do not print using a proxy server**, and click the **Next >** button.



Continue on the next page...

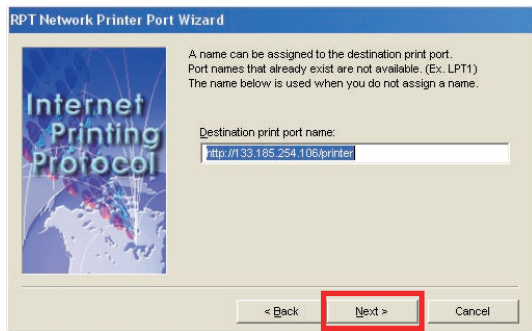
7 Input the Printer's IP address after the "http://", and add "/printer" at the end.

Click the **Next >** button to proceed.

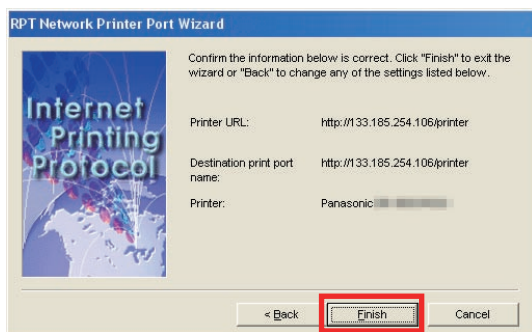


8 Verify that the Destination print port name is OK (change if necessary), and click the

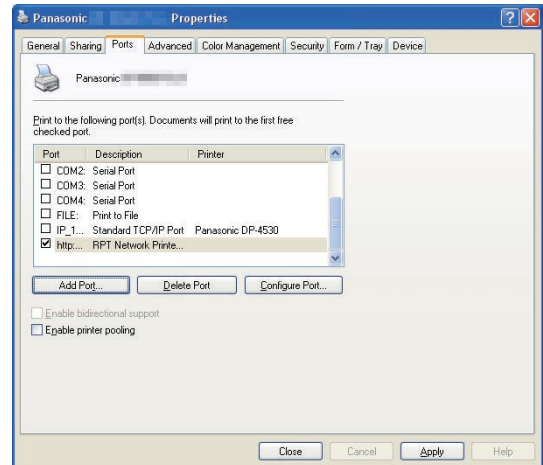
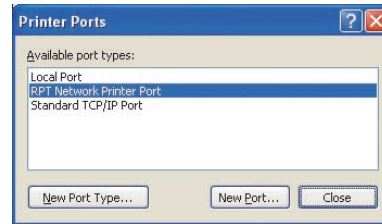
Next > button.



9 Click the **Finish** button.



10 Close the **Printer Ports** Screen, and check the new port has been added.



Job Status Utility

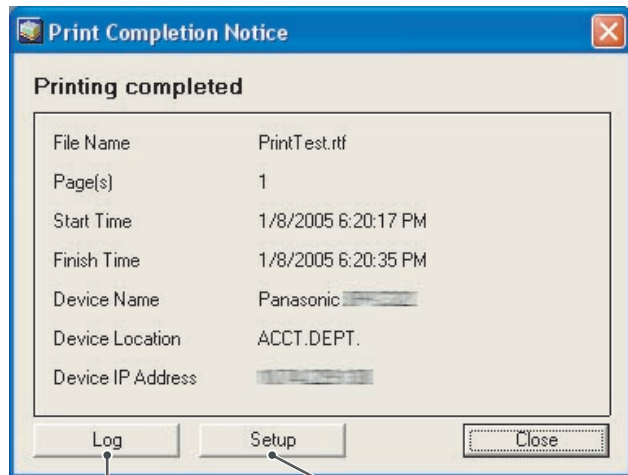
The **Job Status Utility** software will display the popup notice on your PC screen when finishing the Print, PC Fax, Copy, and Fax jobs.

The information displayed in the **Completion Notice** vary according to the type of job being performed.

■ Completion Notice

After a job completes, you will receive a notice like the illustrations shown below on the PC screen.

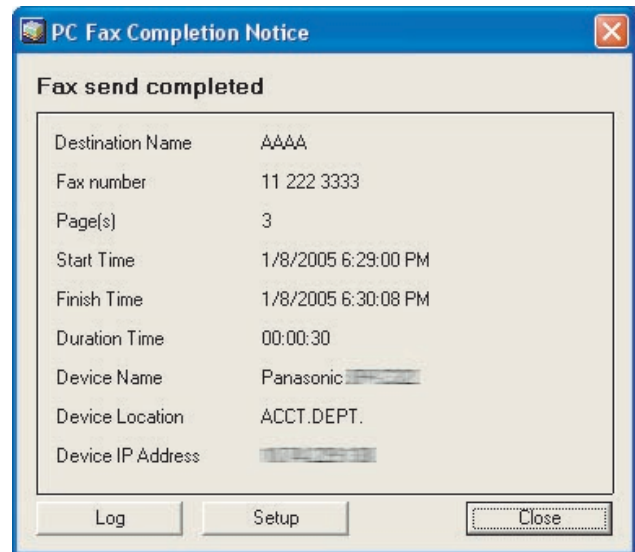
Print Completion Notice



Opens **Log** window.

Opens **Setup** window.



PC Fax Completion Notice



Job Status Utility

Job Status Utility Log


To help you maintain records of the documents you send or print, the **Job Status Utility** is equipped to list the transaction result as a Log file. The latest 100 transactions are recorded on the log.

To start **Job Status Utility Log** window, click  button on the **Completion Notice** window or right-click the Job Status Utility icon  on the taskbar, and then select from the menu.



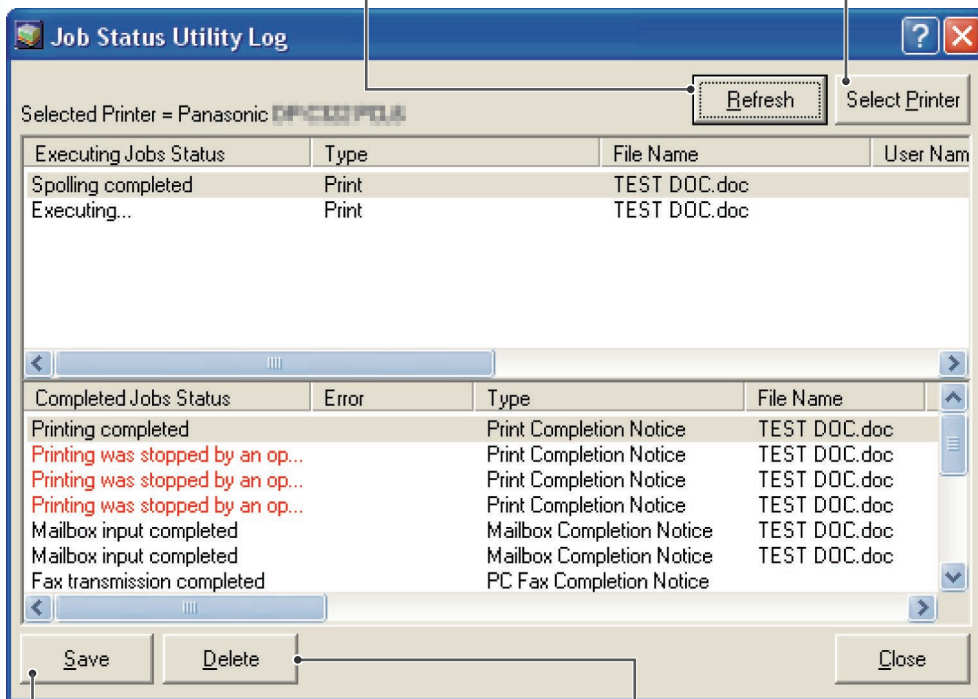
The **Job Status Utility Log** window appears.

Note:

When the Job Status Utility icon  is not on the taskbar, select **Programs** → **Panasonic** → **Job Status Utility** → **Job Status Utility** from the **Start** menu to activate the Job Status Utility icon.

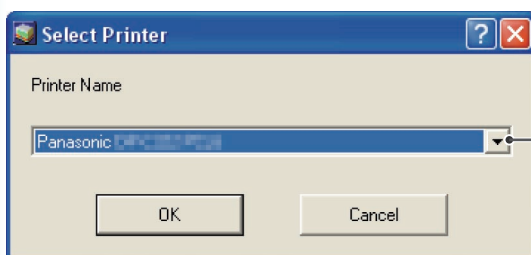
Refreshes the Job Status Window

Opens the Select Printer Window (See Below)



Saves the displayed Log as a CSV format file. (Only for Completed Job Status)

Deletes the Selected Print Jobs, or all Completed Jobs in the Log.



Chooses the printer name to monitor.


NOTE

Completion Notice does not appear if the device is connected with a USB/Parallel cable.

Job Status Utility

■ Setup


You may set the condition to display the **Completion Notice** window after completion of the job.

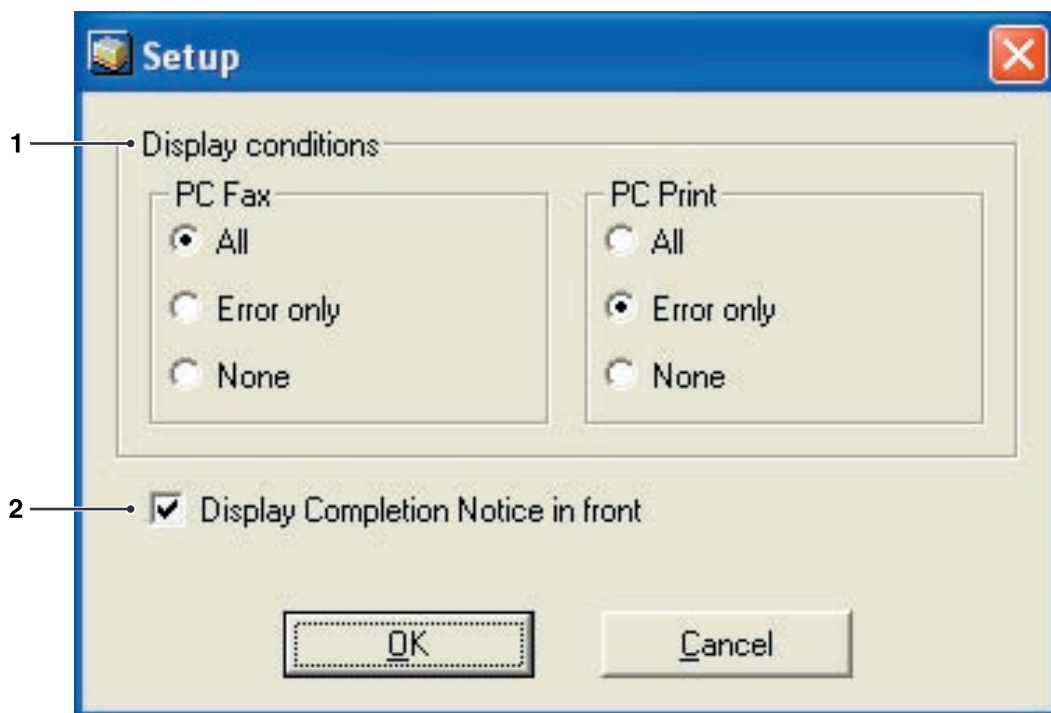
To start **Setup** window, click button on the **Completion Notice** window, or right-click the Job Status Utility icon  on the taskbar, and then select the **Setup** from the menu.



The **Setup** window appears.

Note:

When the Job Status Utility icon  is not on the taskbar, select **Programs** → **Panasonic** → **Job Status Utility** → **Job Status Utility** from the **Start** menu to activate the Job Status Utility icon.





1. Display Conditions

Selects the condition to display the **Completion Notice** window.

All	Always display after each transmission.
Error only	Displays when an error occurs.
None	Do not display.

2. Display Completion Notice in front

Specify whether the **Completion Notice** window is displayed on the front of other windows.

When this option is not selected, the **Completion Notice** window is displayed in the back of other windows. When the **Completion Notice** is displayed, the  icon on the taskbar blinks. Click the  icon to bring the **Completion Notice** to the front.

Job Status Utility

Information displayed in the Completion Notice and the Job Status Utility Log. (See page 56)

Status	Indicates status of the job as completed, canceled, etc...
Error	Indicates error information if available as information code, error message, etc...
Type	Indicates type of job. The Completion Notice is used in common with PC Fax job, PC Print job, Copy job, and Fax job (Sent from the device).
File Name	Indicates the PC printed file name.
Page(s) (Print)	Indicates the number of pages of PC Print job, and Copy job.
Page(s) (Fax)	Indicates the number of pages of PC Fax job, and Fax job (Sent from the device).
Start Time	Indicates the start date and time of the job. The format of the date and time depends on the setting of Windows of your PC.
Finish Time	Indicates the finish date and time of the job. The format of the date and time depends on the setting of Windows of your PC.
Duration Time	Indicates the duration time of the job. (hh:mm:ss)
Fax Number/Email Address	Indicates the Fax Number, or Email Address (Fax job only) of the Fax transmission.
Destination Name	Indicates the registered Destination Name in the fax driver's phonebook when using the phonebook of the fax driver to transmit a document.
Device Name	Indicates the Device Name registered in the device that is used for the fax transmission.
Device Location	Indicates the Device Location registered in the device that is used for the fax transmission.
Device IP Address	Indicates the Device IP Address that is used for the fax transmission.
User Name	Indicates the logon user name which is executing the current job.
Machine Name	Indicates the Computer Name/ IP Address that is executing the current job.

Memo

SD Print

The features and operations are described on the Operating Instructions for Basic Operations.

Refer to **Printing from SD Memory Card / PC** in the Operating Instructions (For Basic Operations) of the provided booklet.

NOTE

SD Print is not available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P/8016P.*

Mailbox

To save printed documents into the printer's mailbox for later printing, the printer must be equipped with the optional Hard Disk Drive. Saved documents can be printed from the printer's control panel. The following three types of mailbox printing is available.

Check then Print : Saves print data in the printer, in the mailbox specified by the **User ID**. Allows you to print one proof set, before proceeding to print a large multi-set with various settings. The document data will be deleted from the printer after printing.

Mailbox : Saves print data in the printer, in the mailbox specified by the **User ID**. The **User ID** must be entered to print documents saved in the Mailbox. The document data will remain in the printer until it is deleted.

Secure Mailbox : Saves print data in the printer, in the mailbox specified by the **User ID**. The **User ID** and **Password** must be entered to print confidential documents saved in the Secure Mailbox. The document data will remain in the printer until it is deleted.

NOTE

- This feature is available if the **Hard Disk Drive Unit** is installed in the printer unit, and the **Hard Disk Drive Unit** is set to **Installed** in **Device Settings** or **Device Options** tab of the printer driver. See "**Device Tab**" on page 48.
- Turning the Power Switch **OFF** while a print file is being stored into the Mailbox/Secure Mailbox may cause all files in it to be lost.

Mailbox

■ Saving a Print Job (from a PC)

- 1 Select **Print** in the **File** menu of the application.
- 2 Click the button in the **Print** dialog box.
- 3 Click the **Job Type** tab and check the **Job Type** check box.
- 4 Select the following **Job Type** icons and enter the relevant **Job Information**.

	Check then Print
	Mailbox
	Secure Mailbox

Note:

See "**Job Type Tab**" on page 29 for more detailed information.
Saves print data in the printer, in the mailbox specified by the **User ID**.

- 5 Click the button, and then the button to save the document data. The first proof set will start printing if **Check then Print** is selected.

Note:

Check then Print function is not available for DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P.

Mailbox (For DP-C322/C262, DP-C354/C264/C323/C263/C213)

■ Printing or Deleting Mailbox Data

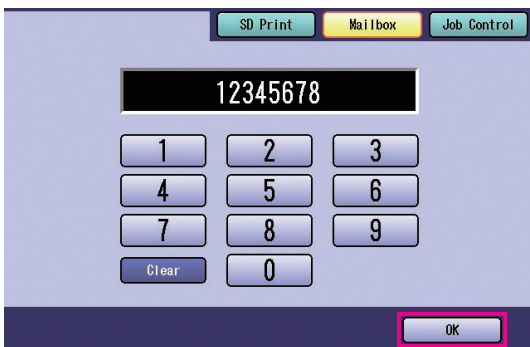
1 Press the **Print** key if set in other function mode.



2 **Print** display appears on the printer control panel. Enter the mailbox User ID number (up to 8-digit).

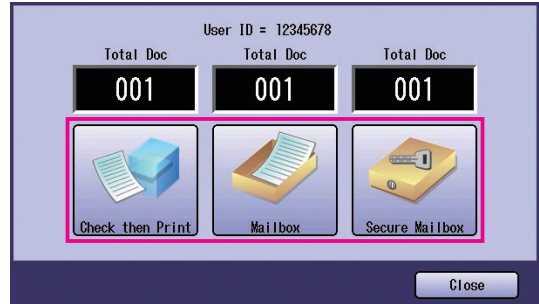


3 Select the **OK** button.



4 The total number of saved jobs in each mailbox is displayed.

Select the desired mailbox.

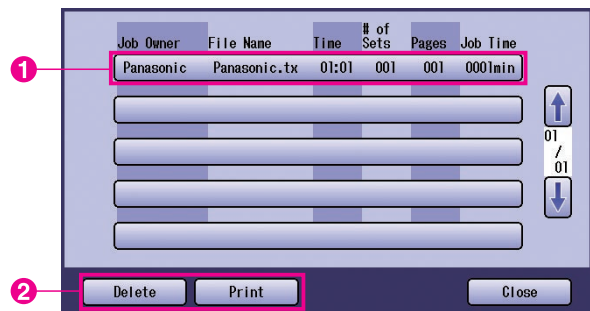


5 The display shows the saved print jobs in the selected mailbox.

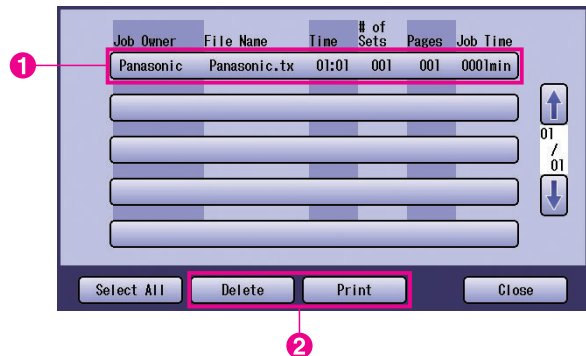
Choose the job you want to print, and select the **Print** or **Delete** button.

Select All button	Selects all print jobs. (Mailbox only)
Close button	Closes the mailbox display.

Check then Print:

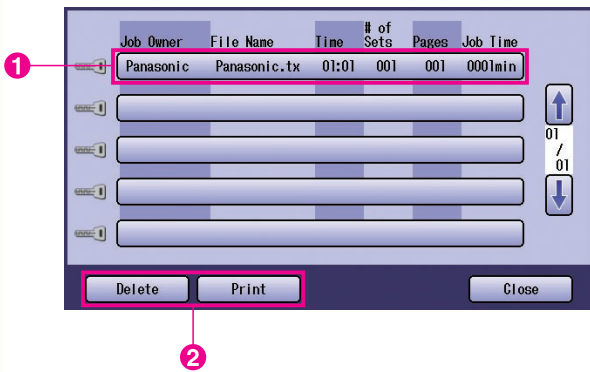


Mailbox:



Continue on the next page...

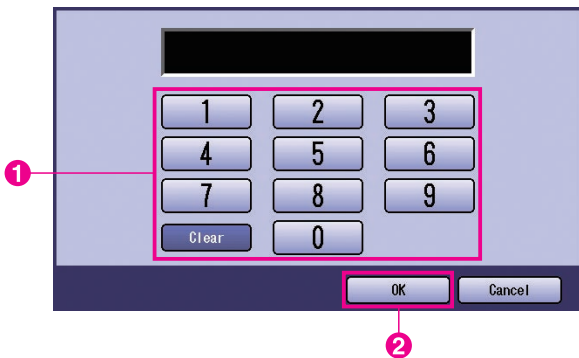
Secure Mailbox:



6 Secure Mailbox only

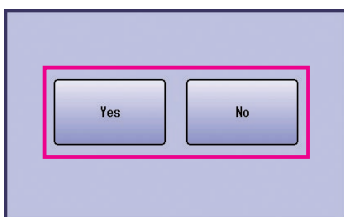
Password display appears if **Secure Mailbox** is selected.

Enter the **Password**, and then select the button.



7 Check then Print, Mailbox, or Secure Mailbox

Select whether to delete the print job after printing.



8 Check then Print only

The number of copies is displayed.

Enter the number of copies, and then select the

button to start printing.



Note:

After having finished printing the **Check then Print** job, it will be removed from the printer's hard disk drive.

Job Control (Output Queue) (For DP-C322/C262, DP-C354/C264/C323/C263/C213)

The **Job Control** menu of the printer control panel contains four buttons with the following functions.

- On Line** button : Turns the printer on-line.
- Off Line** button : Turns the printer off-line.
- Cancel Print** button : Stops the current print job and deletes the job from the output queue.
- Output Queue** button : Checks the current print jobs.

This section describes how to use the **Output Queue** button to perform operations on the print jobs in the output queue.

1 Press the **Print** key if set to other function mode.

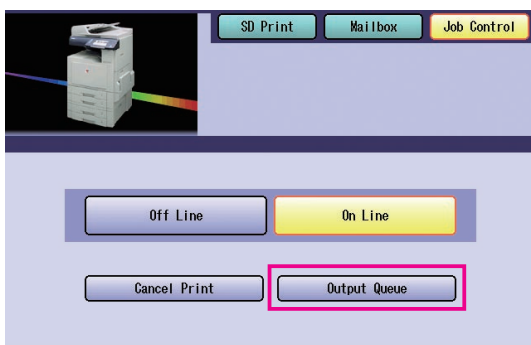


2 Print display appears on the printer control panel.

Select the **Job Control** button.

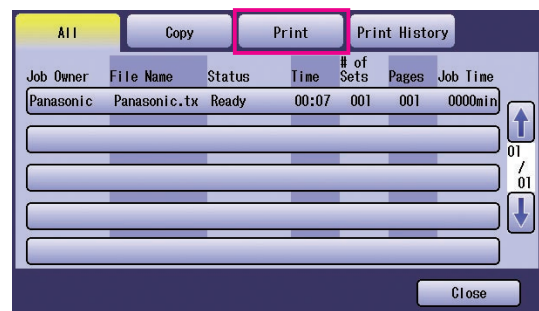


3 Select the **Output Queue** button.

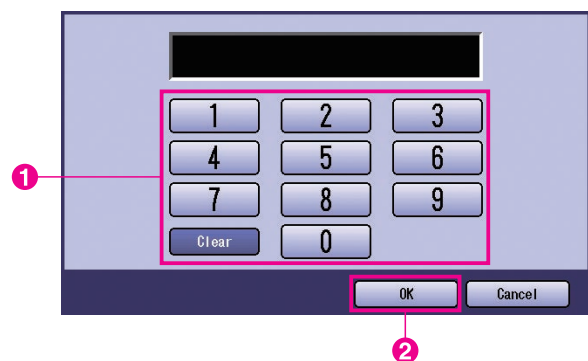


4 Displays a list of all pending output jobs that are usually processed on a first come first served basis.

Select the **Print** tab.

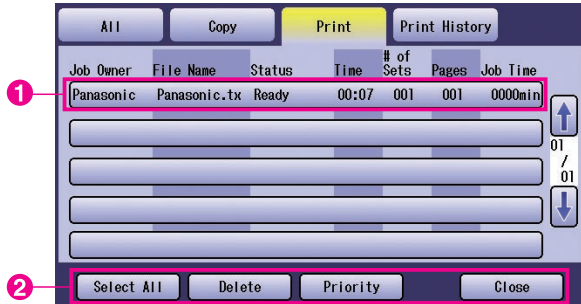


5 Enter the password (4-digit), and then select the **OK** button.



Continue on the next page...

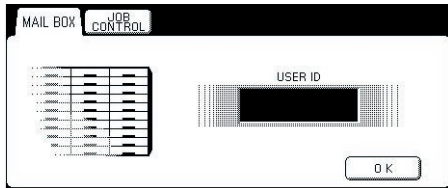
- 6 Displays a list of current and pending **Print** jobs. Select the print job you want to manage, and choose one of the following tasks to perform.



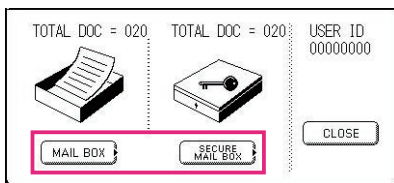
<input type="button" value="Select All"/>	button	Selects all print jobs.
<input type="button" value="Delete"/>	button	Deletes the selected job from the Output Queue .
<input type="button" value="Priority"/>	button	Set or change the printing order of the selected job(s) in the Output Queue .
<input type="button" value="Close"/>	button	Close the Output Queue display.

Mailbox (For DP-8060/8045/8035, DP-3030/2330)

- 1 Press the **Print** key on the Control Panel.
- 2 **Print** display appears on the Control panel. Enter the mailbox User ID number (up to 8-digit).



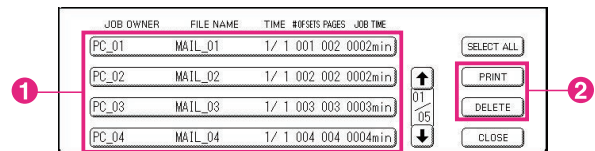
- 3 Select the **OK** button.
- 4 The total number of saved jobs in each mailbox is displayed. Select the desired mailbox.



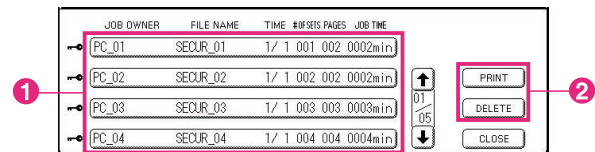
- 5 The display shows the saved print jobs in the selected mailbox. Choose the job you want to print, and select the **PRINT** or **DELETE** button.

SELECT ALL button	Selects all print jobs. (Mailbox only)
CLOSE button	Closes the mailbox display.

Mailbox:



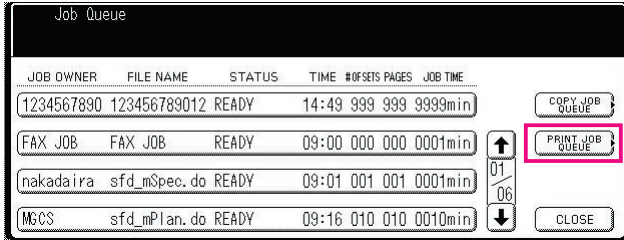
Secure Mailbox:



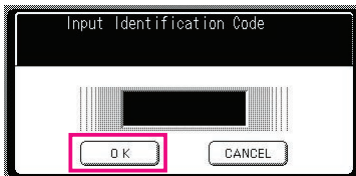
- 6 **Secure Mailbox only** Password display appears if **Secure Mailbox** is selected. Enter the **Password**, and then select the **OK** button.

Job Queue (For DP-8060/8045/8035, DP-3030/2330)

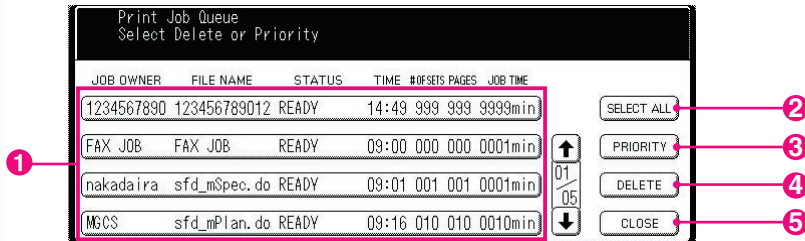
- 1 Press the **Print key** on the Control Panel, then select the **PRINT JOB QUEUE** in the **Job Control Tab**.



- 2 Enter the password (4-digit), and then select the **OK** button.



- 3



1. **Print Jobs**
Indicates all current and/or pending print jobs.
2. **SELECT ALL** button
Selects all print jobs.
3. **PRIORITY** button
Set or change the print job(s) priority. This feature is available if the Hard Disk Drive Unit is installed.

4. **DELETE** button
Deletes print job(s).
5. **CLOSE** button
Closes this screen.

MailBox (For DP-8020E/8020P*/8016P)

Follow the procedure below to print a file from a Mailbox on your machine.

- 1 Print a file to the Mailbox using the User ID.
(Up to 20 mailboxes per each User ID)
- 2 Press **PRINT**.
- 3 Press **FUNCTION** ① **SET**.
- 4 Enter the User ID (up to 8 digits) from the keypad
(i.e. 12345678)
- 5 Press **SET**.
- 6 **▲** or **▼** repeatedly until the display shows the file you
want to print.
- 7 Press **SET**.
- 8 ① to print the displayed file.
② to print all files for the User ID.
- 9 Your machine will print the file. The file is automatically
deleted after printing.

PRINTER ON LINE

ENTER USER ID
■

ENTER USER ID
12345678

USE ^ OR TO v SCROLL
TOTAL DOC=nn

(Panasonic) 10:11
(Pana.doc)

1:PRINT 2:ALL PRINT
3:DELETE 4:ALL DEL.

* PRINTING *
PC DATA

PRINTER ON LINE

■ Deleting from the Mailbox

Follow the procedure below to delete a file from the Mailbox.

1 Press .

PRINTER ON LINE

2 Press ① .

ENTER USER ID
■

3 Enter the User ID (up to 8 digits) from the keypad
(i.e. 12345678)

ENTER USER ID
12345678

4 Press .

USE ^ OR TO v SCROLL
TOTAL DOC=nn

5 or repeatedly until the display shows the file you
want to delete.

(Panasonic) 10:11
(Pana.doc)

6 Press .

1:PRINT 2:ALL PRINT
3:DELETE 4:ALL DEL.

7 ③ to delete the displayed file.
④ to delete all files for the User ID.

DELETE DOCUMENT?
1:YES 2:NO

8 Press ① .

PRINTER ON LINE

Note:

1. Turning the Power Switch OFF while a print file is being stored (DATA indicator lamp is flashing) into the Mailbox or Secure Mailbox may cause all files to be lost.
2. When using the Mailbox or Secure Mailbox feature, there is a limitation of 20 mailboxes per User ID. If more than 20 print jobs are sent to an User ID, jobs will be deleted from the memory. Jobs will also be deleted if the Hard Disk Drive Unit is full.

Secure Mailbox (For DP-8020E/8020P*/8016P)

Follow the procedure below to print a file from a Secure Mailbox on your machine.

1 Print a file to the Secure Mailbox using the User ID and a Password.
(Up to 20 mailboxes per each User ID)

2 Press .

```
PRINTER ON LINE
```

3 Press ② .

```
ENTER USER ID  
■
```

4 Enter the User ID (up to 8 digits) from the keypad
(i.e. 12345678)

```
ENTER USER ID  
12345678
```

5 Press .

```
USE ^ OR TO v SCROLL  
TOTAL DOC=nn
```

6 or repeatedly until the display shows the file you
want to print.

```
(Panasonic) 10:11  
(Pana.doc)
```

7 Press .

```
ENTER PASSWORD  
■
```

8 Enter the Password (4 digits) from the keypad (i.e. 1234)

```
ENTER PASSWORD  
****
```

9 Press .

```
SECURE MAILBOX  
1:PRINT 2:DELETE
```

10 Press ①.

```
* PRINTING *  
PC DATA
```

11 Your machine will print the file. The file is automatically
deleted after printing.

```
PRINTER ON LINE
```


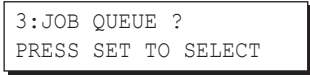

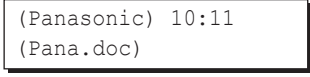
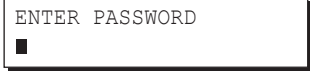
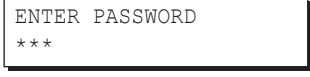

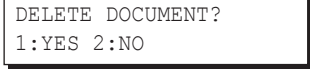
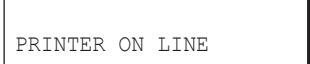
■ Deleting from the Secure Mailbox

Follow the procedure below to delete a file from a Secure Mailbox on your machine.

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1 Press <input type="button" value="PRINT"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">PRINTER ON LINE</div> |
| 2 Press <input type="button" value="FUNCTION"/> ② <input type="button" value="SET"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">ENTER USER ID
■</div> |
| 3 Enter the User ID (up to 8 digits) from the keypad (i.e. 12345678) | <div style="border: 1px solid black; padding: 5px; width: fit-content;">ENTER USER ID
12345678</div> |
| 4 Press <input type="button" value="SET"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">USE ^ OR TO v SCROLL
TOTAL DOC=nn</div> |
| 5 <input type="button" value="▲"/> or <input type="button" value="▼"/> repeatedly until the display shows the file you want to delete. | <div style="border: 1px solid black; padding: 5px; width: fit-content;">(Panasonic) 10:11
(Pana.doc)</div> |
| 6 Press <input type="button" value="SET"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">ENTER PASSWORD
■</div> |
| 7 Enter the Password (4 digits) from the keypad (i.e. 1234) | <div style="border: 1px solid black; padding: 5px; width: fit-content;">ENTER PASSWORD
****</div> |
| 8 Press <input type="button" value="SET"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">SECURE MAILBOX
1:PRINT 2:DELETE</div> |
| 9 Press ②. | <div style="border: 1px solid black; padding: 5px; width: fit-content;">DELETE DOCUMENT?
1:YES 2:NO</div> |
| 10 Press ① <input type="button" value="STOP"/> . | <div style="border: 1px solid black; padding: 5px; width: fit-content;">PRINTER ON LINE</div> |

Job Queue (For DP-8020E/8020P*/8016P)

Follow the procedure below to verify the print jobs.

- 1 Press . 
- 2 Press ③ ③. 
- 3 Press . 
- 4 or repeatedly until the display shows the file you want to print. 
- 5 Press . 
- 6 Enter the Password (3 digits) from the keypad. (i.e. 123) 
- 7 Press . 
- 8 ① to change the print job priority.
② to delete the print file.
③ to delete all print files.
Ex: ② 
- 9 Press ① . 

Specifications (For DP-8060/8045/8035)

Printing Speed (A4/Letter size plain paper, simplex printing)	DP-8060 : 60 sheets/minute DP-8045 : 45 sheets/minute DP-8035 : 35 sheets/minute
Resolution (dots per inch)	300 x 300, 600 x 600, 1200 (Equivalent) x 600
Interface	Parallel Port Ethernet (10Base-T/100Base-TX)
Operating System Support	Windows 98, Windows Me, Windows NT 4.0 (With Service Pack 3 or later is required), Windows 2000, Windows XP, Windows Server 2003
Printer Working Memory	50MB

Specifications (For DP-3030/2330)

Printing Speed (A4/Letter size plain paper, simplex printing)	DP-3030 : 30 sheets/minute DP-2330 : 23 sheets/minute
Resolution (dots per inch)	300 x 300, 600 x 600, 1200 (Equivalent) x 600
Interface	USB Port Ethernet (10Base-T/100Base-TX)
Operating System Support	Windows 98, Windows Me, Windows NT 4.0 (With Service Pack 3 or later is required), Windows 2000, Windows XP, Windows Server 2003
Printer Working Memory	50MB

Specifications (For DP-8020E/8020P*/8016P)

Printing Speed (A4/Letter size plain paper, simplex printing)	DP-8020E : 20 cpm (Letter size) DP-8020P* : 20 cpm (Letter size) DP-8016P : 16 cpm (Letter size)
Resolution (dots per inch)	150 x 150, 300 x 300, 600 x 600
Interface	USB Port Ethernet (10Base-T/100Base-TX)
Operating System Support	Windows 98, Windows Me, Windows NT 4.0 (With Service Pack 3 or later is required), Windows 2000, Windows XP, Windows Server 2003
Printer Working Memory	20MB

Printing Operation Failure

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

- Ensure the connecting cable (USB, Parallel, 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. (See Note)

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

Windows 98/Windows Me	[General Tab]	(See page 8)
Windows NT 4.0	[General Tab]	(See page 10)
Windows 2000/Windows XP/Windows Server 2003	[General Tab]	(See page 13)

NOTE

*The status of the devices can be verified by the **Device Monitor**.
Refer to the Operating Instructions (For Device Monitor).*

Documents Not Printing Correctly (For DP-C354/C264/C323/C263/C213, DP-C322/C262)

Problem	Possible Cause / Solution(s)
Incorrect printing position or print is missing at the edge.	<ul style="list-style-type: none"> • Paper size or printing orientation is mismatched between the application settings and the printer driver settings - Specify the settings again. • The specified paper has not been loaded into the device - Check the settings again or load the appropriate paper. • The document margin is not sufficient. (See page 82)
Characters and symbols not used in documents are printed.	Verify that the correct machine has been selected by users as the printer driver.
Printing operation takes excessive time.	The wait time for printing operations depends on the spool settings.
Although print data is transferred to the device, it is not printed.	<ul style="list-style-type: none"> • Make sure the printer is Online. • Make sure the USB printer cable is connected properly. • Restore the power if the On line LED is Off even if the USB printer cable is connected.
Printing stops in the middle of the run.	<ul style="list-style-type: none"> • Check whether there is a Network problem.
Document is not printed from the Multi-Purpose tray (Sheet Bypass).	<ul style="list-style-type: none"> • Verify the Paper Size set on the Multi-Purpose tray (Sheet Bypass). • Set the Paper Size by the following procedures. <ol style="list-style-type: none"> 1. Press the <input type="button" value="Copy"/> key. 2. Select "Paper/Output Tray". 3. Select "Change Size/Media". 4. Select the paper size, and then select "OK". <p>Note: Select "Auto" in step 4 if the following paper size is loaded on the Multi-Purpose tray (Sheet Bypass). The Paper Size is automatically set properly.</p> <p>For USA and Canada users : Ledger, Legal, Letter, Invoice Except for USA and Canada users : A3, B4, FLS, A4, A5</p>
Incorrect Output Image.	<p>Make sure that "Metfile spooling" in the Output Tab is set to Off. (For Windows NT4.0, and Windows 98/Me.)</p> <ul style="list-style-type: none"> • When the custom paper size is set in the Basic Tab, configure the paper in portrait format.

Documents Not Printing Correctly (For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

Problem	Possible Cause / Solution(s)
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 the orientation settings in the printer driver to coincide with the application. The characters are set outside the printing area of the machine.
Incorrect font type.	<ul style="list-style-type: none"> Check whether the selected font is installed on the PC. Select "Use Printer TrueType fonts" on the Font tab of the Printer Driver Properties dialog box.
Printing stops in the middle of the run.	<ul style="list-style-type: none"> Check whether there is a Network problem.
Although print data is transferred to your machine, it does not print.	<ul style="list-style-type: none"> Make sure the printer is online. Make sure the machine is not in the Shutdown Mode. Press ENERGY SAVER key to return to standby mode. See the Operating Instructions for Copy and Function Parameters for details. Make sure the Printer cable is connected properly. Restore the power if the On line LED is Off even if the USB printer cable is connected.
Incorrect Output Image.	<ul style="list-style-type: none"> Set Raster for the Graphics Mode in the Quality Tab. (For PCL 6 Emulation Printer Driver.) Make sure that "Metafile Spooling" is set to Off. (For Windows NT4.0, and Windows 98/Me.) When the custom paper size is set in the Basic Tab, configure the paper in portrait format.
Printing operation takes excessive time.	<p>The wait time for printing operations depends on the spool settings.</p> <p>Reference :</p> <ul style="list-style-type: none"> Windows 98/Windows Me [Details Tab] Windows NT 4.0 [Scheduling Tab] Windows 2000/Windows XP/Windows Server 2003 [Advanced Tab]
Paper exits from the unexpected paper tray.	<p>If the paper runs out from the paper tray specified by the user, the machine automatically switches to the paper tray which contains the same paper size by default.</p> <p>To disable the automatic paper tray select function:</p> <ul style="list-style-type: none"> In the Function Mode of the Main Unit, set [Printer Settings] → [No. 04 Auto Tray Selection] to OFF. (For Standard Printer Driver.) Set Change Paper Tray in the Device Tab to the Specified Tray (See Page 49). (For DP-8060/8045/8035, DP-3030/2330 PCL 6 Emulation Driver.)

Error Messages Displayed on the Computer

Problem	Possible Cause / Solution(s)
Error writing to USB. Unable to write to the Specified device.	Verify that the device is connected to the computer correctly. Verify that the power of the device is turned On.
Error writing to USB. Printer timeout error occurred.	Verify that the power of the device is turned On. Excessive data volume or number of pages may overflow the device's memory, disabling data reception. Increase the timeout setting value in properties (for transmission retry).
Printing is disabled due to an error in the current printer settings.	Mismatch in settings such as paper size or printing orientation exist between the application and the printer driver. Correct the settings.

Error Messages Displayed on Your Machine (For DP-C354/C264/C323/C263/C213, DP-C322/C262)

If a document does not print, an error may have occurred. From the error messages displayed on the Control Panel, it is possible to identify what caused the problem, and how the problem can be rectified.

Checking Error Messages: Press the Print key, select the **Job Control** button and the **Output Queue** button. Then, select the **Print History** tab. The error message(s) are shown on the Status column.

Once you identify the error message, check below for the cause and solution for the error.

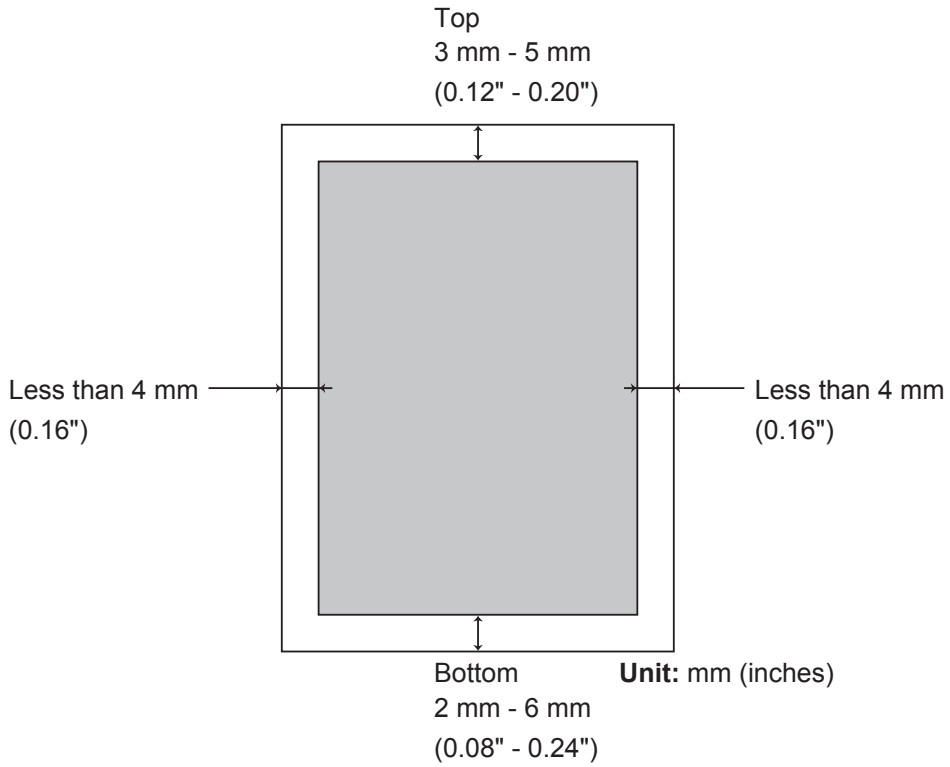


Error Messages	Possible Cause	Solution(s)
Print Parameter Error (001)	The Duplex Unit does not function properly.	Contact to the Panasonic Authorized Dealer to repair your machine.
Print Parameter Error (002)	Specified a Paper Source (Basic tab) that is not installed on your machine.	<ul style="list-style-type: none"> Verify the settings on the Device tab. Click the Auto Configuration button to configure the settings properly when your machine is connected to the network. When your machine is connected with USB cable, set the Number of Paper Tray on the Device tab correctly.
Print Parameter Error (004) Print Parameter Error (005)	Specified the Output Tray (Output tab) to Finisher . However, the Finisher Unit is not installed on the machine. Specified the Sort Method to Shift (Output tab), or specified the position of the staple. (Output tab)	<ul style="list-style-type: none"> Verify the settings on the Device tab. Click the Auto Configuration button to configure the settings properly when your machine is connected to the network. When your machine is connected with USB cable, set the Finisher on the Device tab correctly.

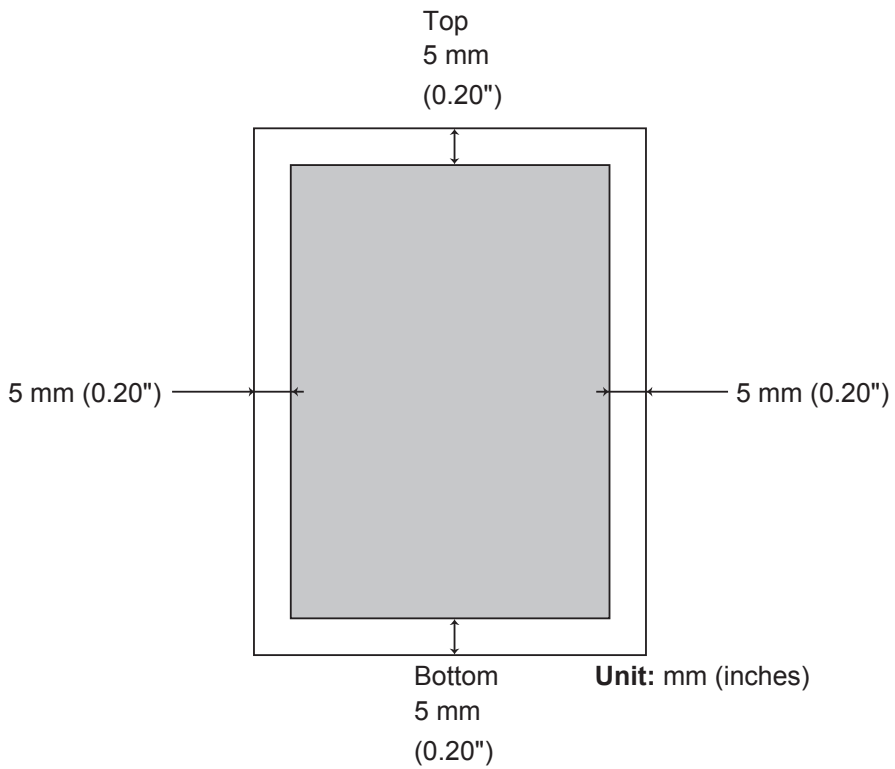
Error Messages	Possible Cause	Solution(s)
Print Parameter Error (006)	Specified the hole punch position (Output tab). However, the Punch Unit is not installed on the machine.	<ul style="list-style-type: none"> • Verify the settings on the Device tab. • Click the Auto Configuration button to configure the settings properly when your machine is connected to the network. • When your machine is connected with USB cable, set the Punch Unit on the Device tab correctly.
Print Parameter Error (101)	Specified a Paper Source that is unable to print in Duplex Mode. (Basic Tab) (Duplex printing is not possible from the tray set with A5 in Portrait format)	<ul style="list-style-type: none"> • Specify the tray set with the A5 in Landscape format.. • Select Automatically Select on the Paper Source menu.
Print Parameter Error (104)	Specified a Paper Source that is unable to shift sort. (Basic Tab & Output Tab) - Only when 1 Bin Finisher is in use. DA-FS350 : DP-C354/C323/ C264/C263/C213 DA-FS320 : DP-C322/C262	<ul style="list-style-type: none"> • Click the Auto Configuration button to configure the settings properly when your machine is connected to the network.
Print Parameter Error (106) Print Parameter Error (107)	Specified the wrong Paper Source when printing a document with stapling.	<ul style="list-style-type: none"> • Verify the settings on the Device tab. • Click the Auto Configuration button to configure the settings properly when your machine is connected to the network. • When your machine is connected with an USB cable, set the Finisher on the Device tab correctly. • Verify whether stapling / punching is possible on the specified paper size.
Print Parameter Error (108) Print Parameter Error (109)	Specified the wrong Paper Source when printing a document with punching.	<ul style="list-style-type: none"> • Verify the settings on the Device tab. • Click the Auto Configuration button to configure the settings properly when your machine is connected to the network. • When your machine is connected with an USB cable, set the Punch Unit on the Device tab correctly. • Select Automatically Select on the Paper Source menu.
Print Parameter Error (119)	Specified the wrong Media Type when printing a document with Rotate sorting.	<ul style="list-style-type: none"> • Verify the Media Type setting on your machine. • Select the same media type on the Basic tab as set on your machine.

Printing Area

When printing to the device, there is a non-printable margin on all 4 sides.



(For DP-C354/C264/C323/C263/C213, DP-C322/C262)



(For DP-8060/8045/8035, DP-3030/2330, DP-8020E/8020P*/8016P)

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