



PostScript printer driver guide for Mac OS X 10.3.9 or later

This guide explains the installation and setup procedures of the interim PostScript printer driver for Mac OS X 10.3.9 or later.

NOTE:

This guide covers Native (Cocoa/Carbon) printing on Mac OS X 10.3.9 or later.

Read this guide carefully before installing and using the printer driver.

IMPORTANT NOTICE:

Canon Inc. does not hold responsibility for any probable trouble associated with unexpected printing behaviors due to restrictions incurred upon the interim printer driver. Install and use the interim printer driver at your own risk.

Before using the interim PostScript printer driver

The interim PostScript printer driver has the following restrictions.

Printer Features

All the available features of the printer you are using are displayed in the [Printer Features] pop-up menu of the [Print] dialog box. Among these features are those that are only available when the appropriate options have been installed and/or the appropriate print settings have been specified. Be sure to select only those features that are applicable to the printer you are using.

Be sure to not select a combination of printer features that conflict, as this will lead to printing problems.

Sometimes a combination of printer features is required for printing. If the combined settings are insufficient, this may lead to problems such as paper jamming etc. In particular, when setting the features relating to paper supply and output, it is strongly recommended that you refer to the combinations of available features in the manual for the printer you are using beforehand.

If you are using Mac OS X 10.3.9, after repeated printings from the same application, some of the characters in the [Print] dialog box may no longer be displayed. If this occurs, quit the application and open it again to solve the problem.

Printer options

When printing, you can also select displayed print output options that are not installed in your printer. Confirm what print output options are installed in your printer and be sure to select the correct print output options when printing.

The Finishing settings in the [Printer Features] pop-up menu apply regardless of the [Collated] settings in the [Copies & Pages] pop-up menu.

Page sizes

Page sizes displayed in the [Page Setup] dialog box vary according to the Mac OS version you are using.

Resident printer fonts

You can use resident printer fonts only from applications such as Adobe Illustrator 10 or Adobe InDesign. (As of June 2002)

Two sided printing

Performing two-sided printing of a document with an odd number of pages may add a blank page at the end of the print job. In this case, the extra blank page is added to the total page count for the document.

Perfect Binding

Be sure to set correct finishing and content page sizes, referring to the Copying Guide and Mail Box Guide that come with your printer. If you set an incorrect size, the print job will be cancelled.

In addition, the paper type for content pages is plain paper, regardless of the paper type selected under [Paper Type].

Use Secure Watermark Function of Device/Use Secure Printing Function of Device

To use the [Use Secure Watermark Function of Device]/[Use Secure Printing Function of Device] feature, install the option(s) that support the Secure Watermark function/Secure Printing Function in the printer beforehand, then activate the Secure Watermark function/Secure Printing Function from the printer driver.

Grayscale Conversion/Device Link Profile

If you are using an application that is capable of setting colors in a document, in order to use the [Grayscale Conversion]/[Device Link Profile] feature you must set the color mode of the document to RGB or CMYK and set the color profile of the document to a RGB-based or CMYK-based profile in the application.

Installing PostScript printer description (PPD) files

You can install the interim PostScript printer driver PPD files on your computer under Mac OS X 10.3.9 or later, using the Installer. The PPD files will be installed in `en.lproj' under Startup disk/Library/Printers/PPDs/Contents/Resources.

NOTE:

The Administrator name and password are required for installation.

IMPORTANT NOTICE:

For Mac OS X 10.3.9 to 10.4, before starting the installer, confirm whether the [Printer Setup Utility] is running. If it is running, quit the [Printer Setup Utility] before starting the installation.

Use the following procedure to install the PPD files.

TO INSTALL PPD FILES:

1.

Double-click the [Canon PPD Installer.pkg] icon.

2.

Click [Continue] when the dialog box appears.

3.

In the [Software License Agreement] window, read the contents and click [Continue] → [Agree] to continue.

4.

Check the destination, and click [Install].

5.

Enter the administrators name and password, and click [OK].

The Installer starts, and Installation starts.

6.

Click [Close] when the confirmation message below appears.

Installation is complete.

Setting up PostScript printer

You can set up your interim PostScript printer driver as an AppleTalk printer, an LPR printer that uses an IP address, or USB connected printer on Mac OS X 10.3.9 or later.

Refer to the Mac OS X help and consult your network administrator to select either way.

NOTE:

Network options should be properly configured on Mac OS X 10.3.9 or later and your printer in advance.

Use the following procedure to set up the printer.

NOTE:

For Mac OS X 10.3.9 to 10.4, use [Printer Setup Utility] to add or delete the default printer. For Mac OS X 10.5 or later, add and delete printers from [Print & Fax] in [System Preferences].

TO SET UP PRINTER: For Mac OS X 10.3.9 to 10.4:

For an AppleTalk connection:

1.

Double-click [Printer Setup Utility] in the [Utilities] folder of the [Applications] folder in the Startup disk.

[Printer Setup Utility] launches.

2.

Click [Add] in the [Printer List] window. For Mac OS X 10.4, click [More Printers] in the [Printer Browser] dialog box.

NOTE:

A different dialog box appears when no printer is set up. Click [Add] in the dialog box and proceed to step 3.

3.

Click the pop-up menu at the top of the [Printer List] window and select [AppleTalk].

4.

Select the printer that you use. If there are AppleTalk Zones, select the correct zone, and then select your printer.

NOTE:

Select a printer that has [PostScript Printer] displayed in its [Type] column.

5.

Select [Canon] from the [Print Using] or [Printer Model] pop-up menu.

6.

Select the PPD files of your printer driver from the [Model Name] list.

NOTE:

- The name of the PPD files corresponds to the name of the product that you are using.
- Depending on your printer, you may also be able to select [Auto Select] instead of selecting the PPD files.

7.

Click [Add].

8.

Confirm that the printer has been added in the [Printer List] window and close the window to exit [Printer Setup Utility].

For an IP connection:

1.

Double-click [Printer Setup Utility] in the [Utilities] folder of the [Applications] folder in the Startup disk.

[Printer Setup Utility] launches.

2.

Click [Add] in the [Printer List] window.

NOTE:

A different dialog box appears when no printer is set up. Click [Add] in the dialog box and proceed to step 3.

3.

Select the connection method for the printer.

For Mac OS X 10.4:

- ☐ Click [IP Printer] at the top left of the [Printer Browser] dialog box, and select [Line Printer Daemon - LPD] from [Protocol].

For Mac OS X 10.3.9:

- ☐ Click the pop-up menu at the top of the [Printer List] window, select [IP Printing], and select [LPD/LPR] for [Printer Type].

4.

Enter the IP address or DNS name of the printer for [Address] or [Printer's Address], and then enter a name in [Queue] or [Queue Name].

NOTE:

- Note that you cannot use the same queue name for more than one printer.

5.

Select [Canon] from the [Print Using] or [Printer Model] pop-up menu.

6.

Select the PPD files of your printer driver from the [Model Name] list.

NOTE:

The name of the PPD files corresponds to the name of the product that you are using.

7.

Click [Add].

8.

Confirm that the printer has been added in the [Printer List] window and close the window to exit [Printer Setup Utility].

For an USB connection:

1.

Double-click [Printer Setup Utility] in the [Utilities] folder of the [Applications] folder in the Startup disk.

[Printer Setup Utility] launches.

2.

Click [Add] in the [Printer List] window.

NOTE:

A different dialog box appears when no printer is set up. Click [Add] in the dialog box and proceed to step 3.

3.

Select the connection method for the printer.

For Mac OS X 10.4:

- ☐ Click [Default Browser] at the top left of the [Printer Browser] dialog box.

For Mac OS X 10.3.9:

- ☐ Click the pop-up menu at the top of the [Printer List] window, and select [USB].

4.

Select the printer that you use.

For Mac OS X 10.4:

- ☐ Select a printer that has [USB] displayed in its [Connection] column.

For Mac OS X 10.3.9:

- ☐ Select a printer that has [PostScript Printer] displayed in its [Type] column.

5.

Select [Canon] from the [Print Using] or [Printer Model] pop-up menu.

6.

Select the PPD files of your printer driver from the [Model Name] list.

NOTE:

The name of the PPD files corresponds to the name of the product that you are using.

7.

Click [Add].

8.

Confirm that the printer has been added in the [Printer List] window and close the window to exit [Printer Setup Utility].

TO SET UP PRINTER:

For Mac OS X 10.5 or later:

1.

Open [System Preferences] and click [Print & Fax].

2.

Click [+].

3.

Select the printer connection method.

For an AppleTalk connection (Mac OS X 10.5):

☐ Select [AppleTalk].

For an IP connection:

☐ Select [IP].

For a USB connection:

☐ Select [Default].

4.

Specify the printer you are going to use.

For an AppleTalk connection (Mac OS X 10.5):

☐ Select the printer you are going to use. If there is an AppleTalk zone, select the zone that the printer is connected to from the list on the left side. Select the printer you are going to use from the list on the right side, which displays the printers belonging to that zone.

For an IP connection:

- ☐ Select [Line Printer Daemon - LPD] from [Protocol], and enter the printer's IP address or DNS name. Enter the print connection name in [Queue] or [Queue Name].

NOTE:

Enter the correct product name of the printer you are using for the print connection name.

For a USB connection:

- ☐ Select a printer that has [USB] displayed in the [Kind] column.

5.

Select [Select a driver to use] from the [Print Using] pop-up menu.

6.

From the driver name list, select the driver name ([Canon xxxx]) that corresponds to the printer you are going to use, and click [Add].

NOTE:

- Read the printer model name for "xxxx" in the printer driver name.
- If you cannot find the printer driver name, Enter [Canon] in the search column and execute a search.
- For an AppleTalk connection, depending on the printer you are going to use, you can select [Auto Select] instead of selecting the PPD file.

7.

Check that the printer has been added in the [Print & Fax] pane, and close [System Preferences].

TO SELECT PRINTER:

1.

Launch any application that can print files (e.g. TextEdit).

2.

Select [Page Setup] from the [File] menu.

3.

In the [Page Setup] dialog box, select the printer added in step 4 from the [Format for] pop-up menu and confirm that the product name that you are using is displayed between [Format for] and [Paper Size].

IMPORTANT NOTICE:

If a different product name or [Generic] is displayed, the PPD file is not properly specified. Proceed on to the following steps to complete the procedure.

TO RE-REGISTER PRINTER: For Mac OS X 10.3.9 to 10.4:

1.

Double-click [Printer Setup Utility] in the [Utilities] folder of the [Applications] folder in the Startup disk.

[Printer Setup Utility] launches.

2.

In the [Printer List] window, select the printer and click [Delete].

3.

Close the [Printer List] window.

4.

Repeat from step 1 of "TO SET UP PRINTER".

TO RE-REGISTER PRINTER: For Mac OS X 10.5 or later:

1.

Open [System Preferences] and click [Print & Fax].

The [Print & Fax] pane is displayed.

2.

Select the printer you want to delete from the [Print & Fax] pane, and click [-].

3.

Repeat from step 1 of "TO SET UP PRINTER".

Setting the Printer Features

You can utilize the various features of the printer you are using, such as selecting paper types, setting the finishing method, and setting the print quality.

TO SET PRINTER FEATURES:

1.

Open an application, and select [Print] from the [File] menu.

2.

Click the [Printer] pop-up menu, and select the printer you are using.

3.

Select [Printer Features] from the lower pop-up menu.

4.

Select the feature you want to set from the [Feature Set] pop-up menu, and set the displayed items.

NOTE:

- Features that require particular installable options are also displayed. Check that the required option or combination of options is actually installed in the printer.
- If you attempt to print with a combination of settings that cannot be used together (e.g. [Staple] and [Rotate]), printing cannot be executed correctly. Refer to "Before using the interim PostScript printer driver."

5.

When you have finished setting the features, click [Print] to begin printing.

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