

## Adobe® PostScript® Printer Driver: AdobePS™

for Windows® 95, Windows 98, Windows 98 Second Edition, Windows Millennium Edition, Windows NT 4.0, and Windows 2000  
English

The Adobe PostScript printer driver (AdobePS) enables you to print documents from any Windows 95, Windows 98, Windows 98 Second Edition, Windows Millennium Edition, Windows NT 4.0, or Windows 2000 application to a PostScript printer.

This version of the Adobe PostScript printer driver is only for owners of English versions of those Microsoft Windows operating systems who print to devices containing Adobe PostScript Level 2 or Adobe PostScript 3 or, if you received AdobePS bundled with an Adobe application, with any device supporting PostScript language level 2 or above. This driver is not for use with PostScript Level 1 devices. And, this driver is not for use with Windows NT 3.5x.

### System Requirements

- Microsoft Windows, English versions:
- Windows 95,
- Windows 98,
- Windows 98 Second Edition,
- Windows Millennium Edition,
- Windows NT 4.0, Service Pack 6 or above, or
- Windows 2000.
- Any printer that includes Adobe PostScript Level 2 or Adobe PostScript 3.
- A PostScript Printer Description (PPD) file for your printer.
- If Adobe Type Manager is installed, version 4.1 or above.

### Installation Notes

Installation of this driver requires a PostScript Printer Description (PPD) file for your printer.

If you need a PPD file, do one or more of the following:

1. Most PostScript printers include a disk that contains the PPD file for the printer. If you cannot find this disk, contact your printer manufacturer for a replacement.
2. Visit your printer manufacturer's Web site or FTP site to obtain the PPD file.
3. Visit Adobe online services such as the Adobe Web site, which may have the PPD file you need. **SPECIAL NOTE:** Adobe redistributes a number of PPD files as a courtesy to Adobe customers but does not guarantee to have the PPD file you need.
4. If you work with a service bureau or print shop to create professionally printed documents, they may have the PPD file you need.

Your printer manufacturer is ultimately responsible for providing you with a PPD file. Neither Adobe nor your service provider is obligated to provide you with a PPD file.

### To install AdobePS

1. Have your PPD file ready, either on a floppy disk or on your hard drive before you install AdobePS.
2. Quit all open applications.
3. Double-click the Setup or Setup.exe file to begin the installation.
4. Follow the on-screen instructions until the installation is complete.

### Installation Warnings

#### Windows 98

If you are using the Microsoft Client for Netware Networks with Windows 98, you must first disconnect any network drives before adding a new printer. If you do not, you may experience a failure in a system program called MPREXE.EXE or your system may stop responding during the installation. This problem does not occur when using Novell Client for Netware or when no drives are currently connected to Novell servers using the Microsoft Client.

To disconnect a drive, right-click on that drive in Windows Explorer and choose Disconnect from the pop-up menu.

## Windows NT 4.0

If you are using "Novell NetWare Client for Windows NT 4.30," you may not be able to install a Network Printer using this software. To install a Network Printer you must first switch to either the "Microsoft Windows NT 4.0 Client Service for Netware" or a different or newer version (4.5) of the Novell NetWare Client. If you do not, you may experience a failure when you click Next after selecting Network Printer as your printer type.

Alternatively, you can install a printer as a Local Printer and use the Ports tab on the Properties dialog for that printer to add the real network port.

You can tell which version of NetWare Client you are using when you first logon to Windows NT. If your logon screen displays "Novell Netware Client for Windows NT v4.30.410" this version does not work correctly.

You can also check your System32 folder for Netware.driv. Version 3.11.97.176 works incorrectly.

## Additional Notes

This printer driver is not for owners of non-PostScript printers. To determine if your printer includes PostScript, check your printer's documentation or contact your printer's manufacturer.

Please check the Support section of the Adobe web site, at <http://www.adobe.com/> for up to date information about application and printer compatibility issues.

The following topics are covered in this ReadMe file:

- Online and "What's This?" Help
- Driver usage notes
- Application software compatibility issues known when this ReadMe was written
- Printer compatibility issues known when this ReadMe was written.

Online Help (Windows 95, Windows 98, Windows 98 Second Edition, and Windows Millennium Edition)

Online help for AdobePS explains how to use the driver to perform various tasks. It also contains detailed information on printing and printer settings and many troubleshooting tips and techniques.

To display online help, click Help in any of the AdobePS properties dialog boxes. To list help topics, choose Contents in the Help window; click any topic title to display help for that topic.

"What's This?" Help (all Windows versions)

The "What's This?" help feature lets you view information on specific functions. To use this feature, click the "?" button at the right end of the title bar of any dialog box. A question mark pointer appears. Click any object in the dialog box with this pointer to display a short description of the object. You can also display help on an object by right-clicking that object in the dialog box.

## Driver Usage Notes

The features available in AdobePS and their usage differ among the various Windows versions. This ReadMe covers all Windows versions; your particular version may not provide all features or their usage may not apply to your version.

## Data format setting

The AdobePS default Data Format or Output Protocol setting is ASCII, which enables printing on any printer. You can improve performance if you can configure your printer to accept binary format data transfers instead of ASCII. AdobePS provides binary data formats appropriate for use with serial or parallel port connected printers (BCP and TBCP), and for printers connected via AppleTalk® or Ethernet (Binary).

## Custom page settings

Some PostScript printers support user-definable page sizes, called "custom page sizes." Windows limits the maximum custom-page length to 129 inches. If you specify a value greater than 129 inches, AdobePS displays an error.

The Page Setup dialog box of some applications replaces the custom-page names that you specify with their own fixed names. The selected custom-page settings remain valid and the documents print correctly.

Some applications, such as Microsoft WordPad, cannot distinguish between printers that are the same model but that you have named differently. As a result, such applications may display all custom pages defined for all printers of the same model.

### Printing TrueType fonts

Certain characters in some TrueType fonts may not print correctly when downloaded as outlines. When this occurs, there are unexpected white areas within the characters.

Workaround: If your printer can accept native TrueType (also called Type 42) format, download TrueType fonts in that format, otherwise download TrueType fonts as bitmaps.

### Specifying available printer memory

AdobePS lets you specify a value for the Available Printer Memory. Specifying a value outside the range of your printer may result in very large files, decreased printing performance, or printing failure.

Normally, the default value AdobePS supplies is adequate for most needs. To change this value, make sure the value you set for this option falls within the available memory specifications of your printer. You can get printer memory information from the test page that can be printed during driver installation.

### Application Software Compatibility Issues

#### Support of driver features

Some applications do not support all AdobePS features. Usually the application simply ignores the feature, but in rare cases, a printing error may occur.

Application	Driver Feature
Acrobat 5.0	Mirror Image, Negative Image
CorelDraw! 9.0	N-Up, Scaling, Mirror Image, Negative Image
Freehand 9.0	N-up, Scaling, Rotated Landscape, Mirror Image, Watermark, Euro, OpenType
Illustrator 9.0	Euro
InDesign 1.5	Scaling, Euro
PageMaker 6.5	N-up, Scaling, Rotated Landscape, Mirror Image, Negative Image, Watermark, Euro
Photoshop 6.0	Watermark, Euro
QuarkXPress 4.1.1	N-Up, Rotated Landscape, Mirror Image, Watermark, Euro
WordPerfect 2000	Rotated Landscape

Note: Some applications support Rotated Landscape only when it is set as the default from the Printers folder.

Workaround: Do not use these AdobePS features when printing from the above applications. Newer versions of these applications may resolve these incompatibilities.

#### Euro Currency Symbol

Some applications do not print the euro currency symbol correctly when it is available in some types of fonts. AdobePS does support printing the euro currency symbol when it is available in the font and can even add a euro symbol to many printer fonts that lack it, however, some applications are not able to take advantage of this feature.

Workaround: Try alternate fonts that have the euro currency symbol or use other applications with similar functionality.

#### Adobe Acrobat 5.0

1. When you print multiple copies from Acrobat Exchange using the N-up option, the first page may be missing.
2. Mirror Image and Negative Image don't work.

Workaround: For the first problem, do not attempt to print multiple copies while using the N-up option. For the second problem, these options work if you select Acrobat's Print as image, however, print quality and performance may be lower.

#### Adobe PageMaker 6.5

1. When the "Send TrueType fonts as:" selection is set to Type42, underlined text may print without the underline.
2. When printing to File with Download Fonts option in Pagemaker set to None, certain PostScript 3 TrueType fonts may get substituted to Courier.
3. The "euro" character from a TrueType font used in a document will not print as expected.

Workaround: For the first problem, change the "Send TrueType fonts as:" selection to Outlines or Bitmaps. For the second problem, choose any Download Fonts option except None. For the third problem, there is no workaround.

#### Adobe Photoshop 6.0

Problem: If you select Binary as the data format selection within Photoshop, you must set a compatible Data Format or Output Protocol within AdobePS.

Workaround: If your printer is connected over a pure binary channel, such as AppleTalk, choose Binary for the Data Format or Output Protocol option in the printer's Properties dialog. If your printer is connected via a serial or parallel connection, choose the appropriate binary data format option for your printer: TBCP or BCP.

#### CorelDraw 9.0

1. The Print Preview option displays a color preview although the printer selected for printing is a monochrome printer.
2. Font CircleD, a Type 1 font supplied with CorelDraw, may cause a PostScript printing error.
3. A Postscript printing error may sometimes occur if CoreDraw substitutes an outline (Type1) font for a TrueType font.
4. Type 1 Symbol fonts supplied in the CorelDraw 9 package are substituted by other available fonts when printing.

Workaround: For the first problem, whenever you are previewing a document that you intend to print on a monochrome printer, change the Color Appearance setting to Monochrome. After the print preview is completed, change this setting back to Color to get better print quality. You can find the Color Appearance setting by going to File>Print>Properties and choosing Advanced>Graphic>Color Appearance. For the second problem, use the TrueType version of CircleD that is supplied with CorelDraw. For the third problem, install the TrueType fonts that you use in your document or specify substitution by TrueType fonts. For the fourth problem, there is no workaround.

#### Lotus Freelance Graphics 97

Problem: Bitmap images printed in transparent mode get printed as opaque.

Workaround: None.

#### Lotus WordPro 97

1. Imported EPS may be positioned lower than expected when printed from Lotus WordPro 97.
2. The Number of Copies setting in WordPro dialog boxes overrides the Number of Copies option set in the driver.

Workaround: For the first problem, there is no workaround. For the second problem, set the number of copies using the WordPro dialog boxes.

#### Lotus 1-2-3 97

Problem: Lotus 1-2-3 97 cannot always properly calculate the text placement of inverted, rotated text. Text may be missing or incorrectly placed in a printout.

Workaround: None.

#### Microsoft Excel

Problem: AdobePS ignores print settings specified within Excel when the document is printed.

Workaround: Specify the print settings from the Printers folder only.

#### Microsoft Netware Client

Problem: Using the Microsoft Netware Client on Windows NT 4.0, an attempt to install a Network printer may result in a Windows system crash if the "Browse" for printer selection is made in "Network Neighborhood."

Workaround: Ask your system administrator for the full path of the network printer you want to use and type it in the Network Path dialog.

#### Microsoft Office

1. Printing documents with large Scaling values or at high resolution prints blank pages instead of the contents of your documents.
2. The Copies option does not work properly when you use the N-up and Collate options.

Workaround: For the first problem, if your printer can print at multiple resolutions, select a lower resolution; otherwise, none. For the second problem, don't use the Copies option with the N-up and Collate options.

#### Microsoft Word

1. If you change AdobePS settings within the Microsoft Word Page Setup dialog box and select an option that conflicts with your current configuration, AdobePS cannot inform you of the conflict.
2. Strikethrough and Double strikethrough positions on the screen may not match the printed output when the font selected for printing is a PostScript type 1 font that is available only on the printer.
3. Paper size dimensions for PostScript Custom Page Size option selected from the Printers folder do not get correctly displayed when this option is invoked within Word.

Workaround: For the first problem, change the printer settings from the Print dialog box or from the Printers folder. For the second problem, when using strikethrough or double strikethrough in the conditions described above, select a TrueType font for printing. For the third problem, none; although the Paper size dimensions selected from the Printers folder are not displayed correctly from within Word, they are correctly applied while printing.

#### Novell Intranetware Netware Client

Problem: The AdobePS installer cannot browse for network printers using the Novell Intranetware Netware Client. This type of network printer is not listed when you click Browse in the Network Path dialog.

Workaround: Ask your system administrator for the full path of the network printer you want to use and type it in the Network Path dialog.

#### Quark XPress 4.1.1

The "euro" character from a TrueType font used in a document will not print as expected.

Workaround: None.

#### Printer Compatibility Issues

##### ICM and ICC Profiles

AdobePS fully supports Windows Image Color Matching (ICM). ICM is not available within Windows NT 4.0. ICM can enhance the output of color PostScript printers. ICM is enabled only if you have an ICC profile for your printer installed. Adobe does not provide ICC profiles with AdobePS; you must obtain them elsewhere. If you have a color printer, you may wish to contact your printer vendor for available ICC profiles.

Profiles that do not conform to Windows ICM requirements may allow you to select any of the color matching options, but may have no effect on the output.

Certain ICM-enabled applications may override settings you have selected in AdobePS.

##### Custom Page Settings

Certain printers with custom-paper support (roll-fed or cut-sheet) rotate the image 90 degrees if the custom-defined page size width is greater than the length. This printer feature may cause unexpected printing results. For information on custom-page features specific to your printer, see your printer documentation.

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