


Software
Application Notes



Installing
HP Scalable
Typefaces

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Installing Your Typefaces

Supported Printers

This booklet contains instructions for using your disk or cartridge scalable typefaces with PCL 5 type-scaling printers only (such as the HP LaserJet III family of printers).

HP Printer Models That Do Not Scale Type

If you have any of the following HP printers, you will need to use the *Type Director 2.0* font management program to install and scale your *disk* typefaces. (These printers do not support the scalable typeface *cartridges*.)

HP DeskJet (all models) HP PaintJet XL HP LaserJet PLUS or 500 PLUS HP LaserJet 2000 HP LaserJet series II, IID or IIP
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See page 31 of this manual for *Type Director 2.0* ordering information.

Installing Disk Typefaces

HP scalable typefaces come in two forms - on cartridges (see page 3) and on disks (see below).

Your HP scalable typeface disk product contains the following disks:

- **Typeface disks**

These disks contain typefaces that you can use to make both screen and printer fonts (depending on the capability of your software).

- **AutoFont Support disks**

The *AutoFont Support* disks contain character widths and other information your software may need to format your text correctly.

The software notes in this manual will tell you how to install your disk typefaces onto your hard disk. The software notes will also tell you whether you need to use the *AutoFont Support* disks.

Installing Cartridge Typefaces

Here is what you will find in your HP scalable typeface cartridge box:

■ Scalable typeface cartridge

You can use the cartridge typefaces in combination with the printer's built-in fonts and with downloadable fonts.

■ AutoFont Support disks

The *AutoFont Support* disks contain character widths and other information your software may need to format your text correctly.

The software instructions in this manual will tell you whether you need to load the *AutoFont Support* files onto your hard disk.

■ Screen Font disks

If you are using software that supports custom screen fonts, such as Windows 3.0 with the *HP Intellifont-for-Windows 3.0* driver (see page 6), you can use the *Screen Fonts Disks* to create screen fonts to match your printer fonts. (The screen display will match your printed text exactly.)

Installing the Cartridge into Your Printer

Follow these instructions to install the cartridge into your printer:

1. Press the [ON LINE] key to take your printer off-line.
2. Insert the cartridge LABEL SIDE UP into any available font cartridge slot on your printer.
3. Push the cartridge in firmly. You should feel and hear it snap into place.
4. Perform a printer Self Test. If you installed the cartridge correctly, it will be listed on the printer's Self Test page.
5. Press the [ON LINE] key to return your printer on-line.

Now do the steps in the software notes on the following pages to add your new cartridge typefaces to your software's font selection menu.

Microsoft Word 5.0 and 5.5

Here is an overview of the steps you must follow in order to use your new typefaces in Word 5.0 and 5.5:

1. Install the typefaces.
 - a. If you have a *cartridge*, you must insert the cartridge into your printer. (See page 3 of this manual.)

For cartridge typefaces, you do not need to install the *AutoFont Support* disks that came with your HP cartridge unless you are planning to run the Microsoft Word *MergePRD* program (see page 6 of this manual).
 - b. If you are using *downloadable* typefaces, you must use the *AutoFont Support Installer* program (enclosed with your typeface disks) to install your typefaces onto your hard disk. Here are the steps:
 - Insert the *AutoFont Support Installer/Metrics disk #1* into drive A. Type `A:AUTOFONT` and press [Enter]. Follow the instructions as they appear on the screen. The *AutoFont Support Installer* will put your font files into the `C:\TDFONTS` directory.
 - Copy the font files from `C:\TD\FONTS` to the directory where your Word fonts and PRDs are located. The font files have the extension `.SFS`.
2. Install the correct printer file (PRD) to support your cartridge or downloadable typefaces.

You can either select the appropriate PRD when you run the *MS Word Setup* program, or you can use DOS to copy a PRD from a supplemental printer disk. See page 5, "Choosing the Correct PRD."
3. Enter a Word document and select the printer file (PRD) and the printer model from the **Printer/Option** menu.
4. Highlight your text and use the **Format/Character** option to select your choice of typeface and point size.

Choosing the Correct PRD



Typefaces Already Supported in Word 5.0 and 5.5

Your copy of Microsoft Word 5.0 and 5.5 may already include a PRD that supports the following HP Scalable Typeface Collections (cartridge and downloadable):

Distinctive Documents I
Brilliant Presentations I
Compelling Publications I
Compelling Publications II
Decorative Words I

For a complete list of PRD files that Microsoft Corporation has created to support scalable typefaces on HP LaserJet III family printers, see the *Printer Information for Microsoft Word* manual or the README file on your Microsoft Word *Supplemental Printer Disks*.

If your copy of Word does not contain a PRD for the above HP scalable typeface collections, you can order *Supplemental Printer Disks* from Microsoft Corporation by calling (800) 426-9400.

Support for Additional HP Typeface Products

Additional PRDs are available through HP's Driver Distribution Center for the following HP typeface products:

WordPerfect Scalable Typeface Collection (Cartridge and Disk)
Other individual typefaces not included in HP's scalable typeface collections.

The number for the HP Driver Distribution Center is (303) 353-7650. Hours are 7 a.m. to 6 p.m. (MT), Monday through Friday.

Adding New Fonts to a PRD (Word 5.5 Only)

You can run the Microsoft Word *MergePRD* program if:

- You want to use the scalable typeface collections covered in the previous section with symbol sets other than PC-8.
- You have an HP scalable typeface product that is not supported by an existing PRD. (You can add your new fonts to another PRD.)
- You want to customize a PRD to support a combination of cartridge, downloadable and built-in printer fonts.

For instructions on running the *MergePRD* program, see chapter 5 “Using the MergePRD Program” in the *Printer Information for Microsoft Word* manual.

Microsoft Customer Support

Microsoft's customer support number is (206) 454-2030. To order updated printer disks, call (800) 426-9400.

Windows 3.0

Software applications that run under Windows 3.0 can use either of the following printer drivers to support your new fonts:

- The *HP Intellifont-for-Windows 3.0* driver supports your printer fonts. It also lets you create high-quality (no jagged edges) screen fonts to give you true “WYSIWYG” capability. This driver requires the following minimum hardware:
 - HP LaserJet III or compatible printer.
 - IBM PC-AT or compatible (286 and above).
 - MS-DOS (or PC-DOS) version 3.1 or later.
 - Microsoft Windows 3.0 running in Standard or Enhanced mode. (This driver does not support Real mode.)
 - Minimum of 1 megabyte of extended RAM (2 megabytes are recommended).
 - At least 2 megabytes of available disk space.

- If your computer system does not have the minimum hardware required to run *HP Intellifont-for-Windows 3.0*, you can use the *HPPCL5A* printer driver, which supports printer fonts only. (Your copy of Windows 3.0 may already include this driver. See pages 15-20 of this manual.)

Use the following chart to help you select the correct printer driver for using your new typefaces with Windows 3.0:

HP Typeface Product	Printer Fonts and Matching Screen Fonts	Printer Fonts Only*
Cartridge (This product includes <i>Screen Fonts</i> disks and <i>AutoFont Support</i> disks)	Use the <i>HP Intellifont-for-Windows 3.0</i> driver. (See pages 10-14 for instructions on using this driver.)	Use the <i>HPPCL5A</i> driver. (See pages 15-18 for instructions on using this driver.)
Disk-Based (This product includes <i>Typefaces</i> disks and <i>AutoFont Support</i> disks)	Use the <i>HP Intellifont-for-Windows 3.0</i> driver. (See pages 8-9 for instructions on using this driver.)	Use the <i>HPPCL5A</i> driver. (See pages 18-20 for instructions on using this driver.)

*Windows 3.0 will display its own representative screen fonts.

Both of these drivers are available in the U.S. and Canada *free of charge* from the Hewlett-Packard Driver Distribution Center at (303) 353-7650. In other countries, contact your local authorized Hewlett-Packard Dealer.

Using HP Intellifont-for-Windows 3.0

HP scalable typefaces are available either on disk or in a cartridge.

- To install *disk-based* scalable typefaces through *HP Intellifont-for-Windows 3.0*, follow the instructions on pages 8-9.
- To install scalable typeface *cartridges* through *HP Intellifont-for-Windows 3.0*, follow the instructions on pages 10-14.

Installing Disk-Based Typefaces Through HP Intellifont-for-Windows 3.0

Perform these steps after you have installed the *HP Intellifont-for-Windows 3.0* driver (see page 31 for ordering information.)

This procedure will install downloadable printer fonts from your typeface disks. It will also install matching screen fonts so that your screen will display the exact fonts that will print (“WYSIWYG”).

1. Start Windows 3.0.

From the **Program Manager - [Accessories]** window, double-click on the **Intellifont** icon.

2. Click on the **Fonts** button.
3. From the **HP Font Installer** window, click on the **Add Fonts** button.
4. Locate a typeface diskette and insert it into your source floppy disk drive. (Or, if you have already installed the typefaces on your hard disk through *AutoFont Support* or *Type Director 2.0*, enter the name of the drive and directory where the .TYP files are located; for example, C:\TD\TYPE.)

Click on **OK**.

The *HP Font Installer* will read the diskette (or will search whatever source drive you have indicated) and will display a list of typefaces in the box on the right.

5. In the box on the right, highlight the typeface(s) you want to install.

6. Click on the **Add** button.
7. Identify a symbol set and click on **OK**.

The default is the **WN: Windows** symbol set. If you need symbols for a special application (such as math, legal, or dingbats), refer to the symbol set charts in the appendix of your printer user's manual.

8. Indicate the destination drive and directory where you want to place your screen fonts and printer fonts. (We recommend you accept the default directory.)

Click on **OK**.

Once installed, both the printer fonts and the screen fonts appear in the left box. (The screen fonts have a small dot (.) in front of the typeface name.)

9. Repeat this process for each of the scalable typeface disks you received. (If you are installing a group of typeface products, you may have to click on the **Close Drive** button before the **Add Fonts** button will appear.)
10. Click on the **Exit** button to return to your original window.

You can now select your new disk-based scalable typefaces within a Windows 3.0 application.

Installing Cartridge Typefaces Through HP Intellifont-for-Windows 3.0

Using Cartridges Already Listed in the HP Intellifont-for-Windows 3.0 Driver

If you have not already done so, you must first install the *HP Intellifont-for-Windows 3.0* driver (see page 31 for ordering information.)

Intellifont-for-Windows 3.0 lists the following HP scalable typeface cartridges in its menus:

Distinctive Documents I/Compelling Publications I
Brilliant Presentations I/Compelling Publications II

Because *Intellifont-for-Windows 3.0* already contains font characteristic information for the above cartridges, you will not need to install the *AutoFont Support* disks that are enclosed with those cartridges.

(If you have any other HP scalable typeface cartridges, such as the **HP LaserJet III Printers WordPerfect Scalable Typeface Cartridge**, you must follow the steps on pages 12-14 to install an unlisted cartridge.)

Step A - Select a Listed Cartridge in Windows 3.0

Before you can use the typefaces in the above cartridges, you must first select the cartridge name in the Windows 3.0 printer **Setup** window.

1. From the **Program Manager - [Main]** window, double-click on **Control Panel**.
2. Double-click on the **Printers** icon.

Make sure an HP LaserJet III family printer is active in the **Installed Printers** box.

3. Click on the **Configure** button.
4. Click on the **Setup** button.
5. Highlight the name of your cartridge in the **Cartridges** box. (If your HP scalable typeface cartridge is not listed in this box, perform the steps on pages 12-14 to install an unlisted cartridge.)

Click on **OK** until you return to the **Control Panel** window. Now you can access your cartridge fonts from a **Windows 3.0** application. If you would like to have your screen display your fonts exactly as they will print out (“**WYSIWYG**”), go on to **step B** to install the *Screen Font Disks* that came with your cartridge.

Step B - Install the Matching Screen Fonts

1. From the **Program Manager - [Accessories]** window, double-click on the **Intellifont** icon.
2. Click on the **Fonts** button.
3. Click on the **Add Fonts** button.
4. Locate one of the *Screen Font Disks* that came with your cartridge and insert it into drive **A**.

On the screen, indicate **A:** as the source drive and directory. A list of typefaces will appear in the box on the right.

5. In the box on the right, highlight the typeface(s) you want to use for screen fonts.
6. Click on the **Add** button.
7. Highlight a symbol set, then click on **OK**.

We recommend that you select **Cartridge - Screen fonts only**. If you need characters for a special application (such as math, legal or dingbats), refer to the symbol set charts in the appendix of your printer user's manual.

8. Indicate the destination drive and directory where you want to store your screen fonts (or click on **OK** to accept the default **C:\TD\TYPE**).
9. Repeat the above steps to install more screen fonts. (If you are installing a group of typeface products, you may have to click on the **Close Drive** button before the **Add Fonts** button will appear.)
10. Click on the **Exit** button to return to your original window.

Your screen will now display the exact fonts that are in your scalable typeface cartridge.

Installing Unlisted Scalable Typeface Cartridges through HP Intellifont-for-Windows 3.0

If you have not already done so, you must first install the *HP Intellifont-for-Windows 3.0* driver (see page 31 for ordering information.)

Follow the steps below to install an HP scalable typeface cartridge that is not already listed in the Windows 3.0 printer **Setup** box (such as the **HP LaserJet Printers WordPerfect Scalable Typeface Cartridge**):

Step A - Install the AutoFont Support Disks

1. Completely exit Windows and return to a DOS prompt (do not use the DOS icon in Windows).
2. Your HP scalable typeface cartridge includes *AutoFont Support* disks. Insert the *AutoFont Support Installer/Metrics disk #1* into drive A.
3. Type **A:AUTOFONT** and press [Enter].
4. Follow the instructions that appear on your screen. When the *AutoFont Installer* asks you if your software supports custom screen fonts, answer **YES**.

During the installation, the *AutoFont Installer* will prompt you to insert the *Screen Font Disks* that are included with your cartridge. You can install all the screen fonts, or you can install only the ones you really need. (All of the printer fonts will be available whether you install screen fonts or not.)

The *AutoFont Support Installer* will put the screen fonts into the C:\TD\TYPE directory. The screen font files will have a .TYP extension.

Go to step B.

Step B - Make the Cartridge Active in Windows

1. Start Windows 3.0.
2. From the **Program Manager - [Main]** window, double-click on **Control Panel**.
3. Click on the **Printers** icon.

Make sure an HP LaserJet III family printer model is active in the **Installed Printers** box.

4. Click on the **Configure** button.
5. Click on the **Setup** button.
6. Click on the **Fonts** button.
7. Click on the **Add Fonts** button.
8. Indicate the source drive and directory where you have installed the *AutoFont Support* files (example - C:\AUTOFONT).
9. The cartridge name will appear in the box on the right.
Highlight the cartridge name and click on the **Add** button.
10. Indicate the drive and directory where you want to store your font information, or click on the **OK** button to accept the default destination directory.
11. Click on the **Exit** button to return to the **Setup** window.
12. Highlight the name of your new cartridge in the **Cartridges** box of the **Setup** window. Then click on **OK**.
13. Click on **OK** to advance through the remaining windows until you return to the **Control Panel** window.

Now you can access your cartridge fonts from a Windows application.

If you would like to have your screen display your fonts exactly as they will print ("WYSIWYG"), go on to step C.

Step C - Install the Matching Screen Fonts

1. From the **Program Manager - [Accessories]** window, double-click on the **Intellifont** icon.
2. Click on the **Fonts** button.
3. Click on the **Add Fonts** button.
4. Indicate the source drive and directory where the *AutoFont Support Installer* put the .TYP files (example - C:\TD\TYPE). Click on **OK**.

5. A list of typefaces will appear in the box on the right.

Highlight the typeface(s) you want to use for screen fonts.

6. Click on the **Add** button.
7. Highlight a symbol set, then click on the **OK** button.

We recommend that you select **Cartridge - Screen fonts only**. If you need characters for a special application (such as math, legal or dingbats), refer to the symbol set charts in the appendix of your printer user's manual.

8. Indicate the destination drive and directory where you want to store your screen fonts. (You can accept the same default directory you used for the source files, C:\TD\TYPE. This will prevent duplication of files)
9. Click on the **Exit** button to return to your original window.

Your screen will now display the exact fonts that are in your scalable typeface cartridge.

Using Cartridges with the HPPCL5A Driver in Windows 3.0

If you do not have the minimum hardware required by *HP Intellifont-for-Windows 3.0*, you can use the *HPPCL5A* printer driver (version 3.7 or later) to support HP scalable typeface cartridges (see pages 15-17) and disk-based scalable typefaces (see pages 18-19).

The *HPPCL5A* printer driver does not support “WYSIWYG” screen fonts.

Your copy of Windows 3.0 may already include the *HPPCL5A* driver. As you follow the instructions in this section, you will learn how to check if you have the correct version of this driver.

Cartridges Already Listed in the HPPCL5A Driver (Version 3.7)

Version 3.7 of the *HPPCL5A* driver lists the following HP scalable typeface cartridges in its menu :

Distinctive Documents I/Compelling Publications I Brilliant Presentations I/Compelling Publications II

Because the *HPPCL5A* (version 3.7) driver already contains font characteristic information for the above cartridges, you will not need to install the *AutoFont Support* disks that come with those cartridges. You will not need the *Screen Fonts Disks* either, because this driver does not support custom screen fonts. Keep these disks in a safe place for possible use with other software.

(If you have any other HP scalable typeface cartridge, such as the **HP LaserJet III WordPerfect Scalable Typeface Cartridge**, you must follow the instructions in the next section, “Adding Support for Unlisted Cartridges.”)

To activate either of the above cartridges in Windows 3.0:

1. From the **Program Manager - [Main]** window, double-click on **Control Panel**.
2. Double-click on the **Printers** icon.

Make sure an HP LaserJet III family printer is active in the **Installed Printers** box.

3. Click on the **Configure** button.
4. Click on the **Setup** button.
5. Click on the **About** button.

This will show you the version of your *Microsoft PCL/HP LaserJet III* (or HPPCL5A) driver. If the display does not show "V3.7" or later, you must order an updated driver. This is available in the U.S. and Canada *free of charge* from the Hewlett-Packard Driver Distribution Center at (303) 353-7650. In other countries, contact your local authorized Hewlett-Packard Dealer.

6. If you have the correct version of your driver, click on **OK** to return to the **Setup** window.
7. Highlight the name of your cartridge in the **Cartridges** box and click on **OK**.
8. Click on **OK** until you return to the **Control Panel** window.

You can now select your HP scalable typeface cartridge fonts within a Windows 3.0 application. (Windows will display its own representative screen fonts.)

Adding Support for Unlisted Cartridges

If you have a cartridge that is not listed in the **Cartridges** box of the printer **Setup** window (example - the **HP LaserJet III WordPerfect Scalable Typeface Cartridge**), do the following steps to add support for your cartridge to Windows 3.0:

1. Completely exit Windows and return to a DOS prompt (do not use the **DOS** icon in Windows).
2. Your scalable typeface product includes *AutoFont Support* disks. These disks contain character widths and other font information that your software will use to format your text.

Insert the *AutoFont Support Installer/Metrics disk #1* into drive A. Then type **A:AUTOFONT** and press **[Enter]**.

Follow the screen prompts to install the font information for your cartridge typefaces.

The *AutoFont Support Installer* will ask you if your software supports "custom screen fonts." Answer **NO**. The HPPCL5A driver does not support custom screen fonts.

3. Start Windows.

From the **Program Manager - [Main]** window, double-click on **Control Panel**.

4. Double-click on the Printers icon.

Make sure an HP LaserJet III family printer is active in the **Installed Printers** box.

5. Click on the Configure button.

6. Click on the Setup button.

7. Click on the About button.

This will show you the version of your *Microsoft PCL/HP LaserJet III* (HPPCL5A) driver. If the display does not show "V3.7" or later, you must order an updated driver. This is available in the U.S. and Canada *free of charge* from the Hewlett-Packard Driver Distribution Center at (303) 353-7650. In other countries, contact your local authorized Hewlett-Packard Dealer.

8. If you have the correct version of your driver, click on OK to return to the Setup window.

9. Click on the Fonts button.

10. Click on the Add Fonts button.

11. Type the drive and directory where the *AutoFont Support* files are stored (example - C:\AUTOFONT). Then click on OK.

12. The name of your cartridge will appear in the box on the right.

Highlight the name of your cartridge and click on the **Add** button.

13. Click on OK to accept the default destination drive and directory, or enter the name of another directory where you want to store your font metric files.

14. Click on the Exit button to return to the Setup window.

15. Highlight the name of your cartridge in the **Cartridges** box and click on **OK**.
16. Click on **OK** until you return to the **Control Panel** window.

You can now select your new HP scalable typeface cartridge fonts within a Windows 3.0 application. (Windows will display its own representative screen fonts.)

Using Disk-Based Typefaces with the HPPCL5A Driver in Windows 3.0

The steps below will create scalable printer fonts for use with Windows 3.0 applications.

The *HPPCL5A* (version 3.7) driver does not support matching screen fonts. Instead, Windows 3.0 will display its own representative screen fonts.

1. Completely exit Windows and return to a DOS prompt (do not use the DOS icon in Windows).
2. Your scalable typeface product includes *AutoFont Support* disks. These disks contain character widths and other font information that your software will use to format your text.

Insert the *AutoFont Support Installer/Metrics disk #1* into drive A. Then type **A:AUOTFONT** and press [Enter].

Follow the screen prompts to install the *AutoFont Support* information for your disk-based typefaces.

When the *AutoFont Support Installer* asks you which symbol set you want, we recommend that you choose the **Windows** symbol set.

During installation, the *AutoFont Installer* will prompt you to insert scalable typeface disks. It will install your printer font files into the **C:\TDFONTS** directory. (The font files will have an **.SFS** extension.)

3. Start Windows. From the **Program Manager - [Main]** window, double-click on **Control Panel**.
4. Double-click on the **Printers** icon.

Make sure an HP LaserJet III family printer is active in the **Installed Printers** box.

5. Click on the **Configure** button.
6. Click on the **Setup** button.
7. Click on the **About** button.



This will show you the version of the *Microsoft PCL/HP LaserJet III* (or HPPCL5A) driver. If the display does not show "V3.7" or later, you must order an updated driver. This is available in the U.S. and Canada *free of charge* from the Hewlett-Packard Driver Distribution Center at (303) 353-7650. In other countries, contact your local authorized Hewlett-Packard Dealer.

8. If you have the correct version of your driver, click on **OK** to return to the **Setup** window.
9. Click on the **Fonts** button.
10. From the **HP Font Installer** window, click on the **Add Fonts** button.
11. Type `C:\AUTOFONT` as the source drive and directory. (Or, if you have installed the *AutoFont Support* files onto another drive, indicate the correct path.) Then click on **OK**.

The *HP Font Installer* will read the `\AUTOFONT` directory and will display typeface names in the box on the right.

12. In the box on the right, highlight the name of all the scalable typefaces you want to install.
13. Click on the **Add** button.
14. Click on **OK** if you want to accept the default destination drive and directory for your printer fonts. (Or enter another drive and directory if you want to store them somewhere else.)
15. When the *HP Font Installer* has finished adding the new fonts to the box on the left, click on the **[Exit]** button to return to the **Setup** window.
16. Click on **OK** in each window until you return to the **Control Panel** window.

You can now select your new scalable typefaces within a Windows 3.0 application.

HP Customer Support

The number for the **HP Personal Peripherals Assist Line** is **(208) 323-2551**. Hours are 7 a.m. - 6 p.m. (MT) Monday, Tuesday, Thursday, Friday; and 7 a.m. - 4 p.m. Wednesday.

Microsoft Windows Support

The number for Microsoft Windows support is **(206) 454-2030**.

WordPerfect 5.1

You should be familiar with the following things:

- The kind of HP typeface product you are installing. HP scalable typefaces are available in *cartridge* form and as *disk-based* scalable typefaces.
- The drive letter and path for your WordPerfect 5.1 software.
- The drive letter and path for the *WordPerfect Printer Program* (PTR.EXE) and the printer .ALL files.

Step A - Install AutoFont Support

Your HP scalable typeface product includes *AutoFont Support* disks. WordPerfect 5.1 can use the information on these disks to update the WordPerfect .ALL files.

Perform the following steps to install the *AutoFont Support* (.TFM) files onto your hard disk. (If you have disk-based typefaces, this installer program will also install your typefaces into a directory on your hard disk):

1. Insert the *AutoFont Support Installer/Metrics disk #1* into drive A.

Then type **A:AUTOFONT** and press [Enter].

2. Follow the instructions as they appear on the screen.

When the screen asks for the destination drive of the *AutoFont Support* files, indicate the same drive where you have installed your WordPerfect 5.1 printer files.

When the screen asks if your software supports "custom screen fonts," answer **NO**.

3. The *AutoFont Support Installer* program will install the .TFM files into a directory called \AUTOFONT on the drive where you have installed your WordPerfect 5.1 printer files.

Then the *AutoFont Support Installer* will return you to DOS.

Go to step B.

Step B - Install the Correct Version of PTR.EXE

To enable WordPerfect 5.1 to add the *AutoFont Support* information to an .ALL file, you must have a *WordPerfect Printer Program* (PTR.EXE) dated 9-26-90 or later. You must also have installed the correct .ALL file for your printer.

To determine the date of your *WordPerfect Printer Program* and to see if an .ALL file for your printer is installed, go to a DOS prompt on the drive where the WordPerfect 5.1 printer files are installed. Then do the following:

1. Type CD\WP51

Note

If your printer files are installed in a directory other than WP51, substitute that path for "WP51" in this command. If you do not know where your printer drivers are installed, go into WordPerfect and press *Setup* [Shift F1] [L]. Option 4 in this menu will now show the path where the printer files are located. After noting the location, return to the DOS prompt and substitute that directory path in step 1 above.

2. Type DIR *.ALL

If you get the message *File not found*, you are not in the directory where your printer files are located, or you have not yet installed your printer .ALL files in WordPerfect. Return to step 1 in this section to find the correct directory, or run the *WordPerfect Installation Program* (INSTALL.EXE) to install the .ALL file for your printer.

3. Once you are in the directory where your printer files are located, type DIR PTR.* You should see something similar to the following:

```
PTR EXE    230788    9-26-90
```

If the PTR.EXE file is dated on or after 9-26-90, *go on to step C.*

If you get the message *File not found*, run the *WordPerfect Intallation Program* (INSTALL.EXE) on the *Install/Learn/Utilities 1* diskette to install

the *WordPerfect Printer Program* (PTR.EXE) onto your hard disk. Then redo steps 1 through 3 above. If the PTR .EXE file has a date earlier than 9-26-90, you must order an updated *WordPerfect Printer Program* disk from WordPerfect Corporation by calling (800) 321-4566

4. Once you have installed the correct version of PTR.EXE into the directory where your printer files are located, *go to step C*.

Step C - Update the WordPerfect Printer Files

Each time you use *AutoFont Support* to add new scalable typefaces to your computer's hard disk, you will need to run the *WordPerfect Printer Program* (PTR.EXE) with the /AUTOFONT switch to update the WordPerfect printer .ALL files.

1. Type CD\WP51 and press [Enter] to enter the directory where you have installed the WordPerfect 5.1 printer files. If you installed the printer files in a directory other than WP51, substitute that directory name for "WP51."
2. Type PTR/AUTOFONT and press [Enter]. Be sure to use a forward slash mark "/" in this command.

You will see a list of the printers that can work with *AutoFont Support*. Only PCL 5 compatible printers such as the HP LaserJet III family will support *scalable* typefaces with *AutoFont Support*. (Printers that do not scale typefaces need the *Type Director 2.0* font management program. See page 31 of this manual for ordering information.)

If you do not see a list of printers, press [F7] to exit from the *WordPerfect Printer Program*. Then do #1 and #2 in this step C.

3. Use the arrow keys to highlight the name of the HP printer model that you are using. Press [I] *Select*.
4. Press [2] *Add Autofont* and answer Yes (press [Y]). After updating your printer file, the screen will display *Autofont successfully installed*. Press any key to continue. Press [Enter] to return to DOS.

Go to step D.

Step D - Make the Typefaces Active in WordPerfect

To make your typefaces active so that you can select them within your document, perform the following steps:

1. Start WordPerfect.
2. Press **[Shift F7]** *Print Menu*, **[S]** *Select Printer*. Highlight your HP printer, then press **[E]** *Edit*.
3. Press **[C]** to select *Cartridges/Fonts/Print Wheels*.

If your scalable typeface collection is on a cartridge:

- a. Move the highlighting bar with your arrow keys to highlight “Cartridges” and press **[Enter]**.
- b. Move the bar again until you highlight the name of the HP scalable typeface cartridge you are installing.
- c. Press the asterisk (*) to mark or unmark the name of the cartridge.
- d. Press **[F7]** until you return to the *Print: Select Printer* screen.
- e. Press **[S]** *Select* to select the printer you have just edited. Then press **[F7]** to return to your document screen.

Or, if you are using disk-based scalable typefaces:

- a. Move the highlighting bar with your arrow keys to the selection “Soft Fonts” and press **[Enter]**.
- b. Move the bar again to highlight the name of the (*AutoFont*) *PCL 5 Scalable* font group and press **[S]** *Select*.
- c. Mark all the typefaces that you would like to use within WordPerfect. Typefaces can be marked with an asterisk (*) or a plus (+) symbol, depending on the way you choose to access them in WordPerfect. (Read about selecting cartridges and fonts in the WordPerfect 5.1 reference manual.)
- d. Press **[F7]** until you return to the *Select Printer: Edit* screen.

- e. Press [D] *Path for Downloadable Fonts*. Type C:\TD\FONTS if you are using the default directory that the *AutoFont Support Installer* created for your font files. Or, if you have moved your soft fonts to another directory, enter that directory's name.
 - f. Press [F7] to return to the *Print: Select Printer* screen. Then press [S] *Select* to select the printer you have just edited.
 - g. If you have marked your fonts in step C above with an asterisk (*), then at the *Print* screen select [I] *Initialize Printer*. Press [Y] to download the fonts to your printer.
4. Your new base fonts will appear when you choose the [Ctrl F8], [F] *Base Font* option to change fonts within your document.

When you select a *scalable* font, the screen will prompt you to enter a point size. You can enter any point size ranging from .2 point to 999.7 points (about 14 inches).

WordPerfect Customer Support

WordPerfect Corporation's customer support number is (800) 541-5170. To order updated printer files, call (800) 321-4566.



WordStar 6.0 (version D)

To build a printer driver using *WINSTALL* and *AutoFont Support*, you must have version D (or later) of WordStar 6.0. If you do not have the correct version, contact your software vendor to order an update.

Step A - Install AutoFont Support

Your HP scalable typeface product includes *AutoFont Support* disks. The *AutoFont Support* (.TFM) files contain character widths and other font information that WordStar can use to update its printer files and support your new typefaces.

Perform these steps to install the *AutoFont Support* (.TFM) files onto your hard disk. (If you have disk-based typefaces, this installer program will also install your typefaces into a directory on your hard disk):

1. Insert the *AutoFont Support Installer/Metrics disk #1* into drive A. Type **A:AUTOFONT** and press [Enter].
2. Follow the instructions as they appear on the screen.

When the screen asks if your software supports "custom screen fonts," answer **NO**.

3. The *AutoFont Support Installer* program will install the .TFM files into the C:\AUTOFONT directory. Then the *AutoFont Support Installer* will return you to DOS.

Go on to step B.

Step B - Update the Custom Font Database

1. Log on to your WordStar directory. Type **WINSTALL /M** and press [Enter] to start *WINSTALL*.
2. At the *WINSTALL* main menu, choose **Add fonts to custom database (LSRFONTS)** and press [Enter].

(If the monitor display isn't clear, exit the program, type **LSRFONTS /M** at the DOS prompt, and press

[Enter]. The program will use a monochrome display.)

3. At the **ADD FONTS TO CUSTOM DATABASE** menu, choose the type of fonts you want to add (i.e. **Scalable Soft Fonts** or **Scalable Cartridge Fonts**).
4. Type the name of the drive where you have installed *AutoFont Support*. (This should be the same drive that contains your WordStar programs.)
5. At the **AVAILABLE FONTS** menu, move the highlighting bar and press [Enter] to mark each typeface you want to use (or press [F4] to select all the typefaces at once).

Press [F2] if you want to change the menu name of the highlighted typeface. (The menu name is the name that appears when you press ^P= in Wordstar.)

6. Press [F10] to add the marked typefaces to the database.

If you are creating a custom font database for the first time, or if your database is not in the current directory or on the DOS path, you will be prompted for the location of the custom font database. Type the drive and directory location of the database, and press [Enter].

7. If you are installing *disk-based* typefaces, skip this step.

If you are installing a scalable typeface *cartridge*, you will be prompted to choose a symbol set as each typeface is added to the database. Press [Enter] to mark the symbol sets you want, and press [F10] to add the marked symbol sets. If you are not sure which symbol set to use, choose PC-8.

8. At the prompt to name the font group you just created, press [Enter] to use the current system date and time as the font group name, or type a new name and press [Enter].
9. At the **ADD FONTS TO CUSTOM DATABASE** menu, choose **Return to WINSTALL**, or repeat steps 2 through 9 to add more font groups.

Go to step C.

Step C - Add the Database Fonts to a PDF

1. At the *WINSTALL* menu, choose **Modify** or **install a printer (PRCHANGE)**, or type **PRCHANGE** at the system prompt and press [Enter]. (If the display isn't clear, exit and type **PRCHANGE/M**, then press [Enter].)
2. At the *INSTALLED PRINTER* menu, type a new PDF name, or move the highlighting bar to an existing PDF, and press [Enter].

If you choose an existing PDF, you are prompted to press [Y] to modify it or [N] to create a new PDF with the same name.

If you selected **Yes**, you are modifying a PDF, *go to step 3*.

If you selected **NO**, you are creating a new PDF, you will see the *PRINTER TYPE* menu. Choose **HP LaserJet & compatibles**. Be sure you have the appropriate Printer Data disk available or that the Printer Data files are on your hard disk.

At the *PRINTER SELECTION* menu, move the highlighting bar to the **Hewlett-Packard LaserJet III** and press [Enter].

3. If you are modifying a PDF, you will see the PDF Modification Menu. Choose **Add or delete fonts**.
If you are creating a new PDF, you will see the *ADDITIONAL INSTALLATION* menu. Choose **Add or delete font groups**.
4. At the prompt *Do you want to change the fonts in your PDF? (Y/N)*, type [Y].
5. At the *ADD OR DELETE FONTS* menu, choose **Add fonts from custom database**.

If your custom font database is not in the current directory or on the DOS path, or if it is on a floppy disk, you are prompted for its location.

6. At the *ADD SOFT OR CUSTOM FONTS* menu, move the highlighting bar and press [Enter] to mark each font group you want to add, or press [F4] to mark all the font groups listed. When you finish marking font groups, press [F10].
7. At the *AVAILABLE TYPEFACES* menu, move the highlighting bar and press [Enter] to mark each

typeface you want to add, or press [F4] to mark all the typefaces listed. When you finish marking typefaces, press [F10].

8. At the *AVAILABLE TYPE SIZES* menu, move the highlighting bar and press [Enter] to mark each typeface you want to add, or press [F4] to mark all the typefaces listed. When you finish marking typefaces, press [F10] to add the marked fonts to your PDF.

9. If you just created a new PDF, go to step 10.

If you are modifying a PDF, WordStar asks if you want to change font families. If you want to change font families, type [Y] and follow the onscreen prompts. Otherwise, type [N].

10. At the *ADD OR DELETE FONTS* menu, choose **Return to previous menu**. If you are prompted to create screen fonts, select **NO**. At the *ADDITIONAL INSTALLATION* menu, choose **Return to Installed Printer Menu**.

11. If you are modifying a PDF, go to step 12.

If you just created a new PDF, you are prompted *Do you want the printer you installed to be your default printer (Y/N)*. Type [Y] or [N].

12. At the *INSTALLED PRINTER MENU*, press [F10]. At the *WINSTALL* Menu, choose **Save and return to DOS**.

Note

If you are using disk-based typefaces, be sure to download the correct fonts to the printer before printing with this PDF. You can create a download batch file in *PRCHANGE*, or you can use the *Type Director 2.0* font management program. See page 31 for ordering information.

Refer to the *WordStar Installing and Customizing* manual for notes on using extended character sets (Code Pages) in WordStar.

WordStar Customer Support

For WordStar 6.0 support, call WordStar International at (812) 323-8825. To order a WordStar update, call (800) 227-5609.

If Your Software Is Not Covered in These Notes

Many software manufacturers are incorporating **AutoFont Support** as a standard method of managing fonts. If your software does not yet have this feature, you can do the following:

- **Scalable Typeface Cartridges**

Contact your software vendor to request a printer driver for your specific scalable typeface cartridge.

- **Scalable Typefaces on Disk**

If your software is supported by the *Type Director 2.0* font management program, you can build your own printer driver for your disk-based scalable typefaces. Contact your local authorized Hewlett-Packard dealer or see the ordering information on page 31 of this manual.

Ordering Information

U.S. and Canada

Ordering Type Director 2.0 and Other HP Font Products

To find an authorized Hewlett-Packard dealer near you, call (800) 752-0900.

For additional pre-sales product information, call the HP Customer Information Center, (800) 752-0900.

HP Driver Distribution Center

The *HP Intellifont-for-Windows 3.0* driver, the *HPPCL5A* printer driver, and drivers for several popular software packages are available through HP's Driver Distribution Center at (303) 353-7650. Hours are 7 a.m. to 6 p.m. (MT), Monday through Friday.

HP FIRST Fax Order System

You can call **HP FIRST** *from your fax machine's telephone* for 24-hour access to ordering information for updated software application notes and printer drivers.

You must have a touch-tone, group 3 fax machine. Pick up the handset on your fax machine and dial (208) 344-4809. HP FIRST's computer will prompt you to use the fax keypad to enter the code number for the product support information you want to receive by return fax.

CompuServe

Software application notes, .TFM files and printer drivers are also available through the **CompuServe HP Forum**.

Other Countries

Contact your local authorized HP dealer.

