



**The Hewlett-Packard Scalable
Typeface Cartridge Collection**

Getting Started Guide

Guide de mise en route

Einführungshandbuch

Guía de iniciación

Guida introduttiva

**C2050-90935
Printed in USA 5/90**

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

Notice

The information in this document is subject to change without notice.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Copyright © Hewlett-Packard Company 1990.

All rights are reserved. Reproduction, adaptation, or distribution of copies of this document is prohibited.

HP®, LaserJet®, and Vectra® are U.S. registered trademarks of Hewlett-Packard Company. PCL® is a registered trademark of Hewlett-Packard Company. Resolution Enhancement™ is a trademark of Hewlett-Packard Company. Ventura Publisher® is a registered trademark of Ventura Software, Incorporated. Microsoft®, MS®, and MS Word® are registered trademarks of Microsoft Corporation. WordPerfect® is a U.S. registered trademark of WordPerfect Corporation. Intellifont® and Type Director® are U.S. registered trademarks of AGFA Compugraphic, a division of Agfa Corporation.

Printing History

First Edition - April, 1990

This manual was created on a Hewlett-Packard Vectra Personal Computer using Microsoft Word and Xerox Ventura Publisher. The camera-ready text was generated on a Hewlett-Packard LaserJet III printer with Resolution Enhancement.

Table of Contents

Before You Begin	2
The <i>Getting Started Guide</i> and <i>Software Application Notes</i>	2
The Scalable Typeface Cartridge	2
The AutoFont Support Disks	3
The Screen Font Disks	3
The <i>Scalable Typeface Cartridge Collection Manual</i>	3
Installing the Cartridge	4
Updating Your Software's Printer Files To	
Support the Scalable Typeface Cartridge	5
Refer to the <i>Software Application Notes</i>	5
Software Not Included in the <i>Software Application Notes</i>	5
Installing Custom Screen Fonts	6
Making Screen Fonts with Type Director 2.0	7
Making Screen Fonts with Intellifont	7
In Case of Difficulty	8
Printer Error Messages	10
FE CARTRIDGE	10
FC <i>left, right, both</i> NO FONT	10
21 PRINT OVERRUN	10
Calling for Help	11
HP MasterType Library Ordering Information	12
Guide de mise en route	13
Einführungshandbuch	27
Guía de iniciación	41
Guida introduttiva	55

Before You Begin

Before you can use this scalable typeface cartridge:

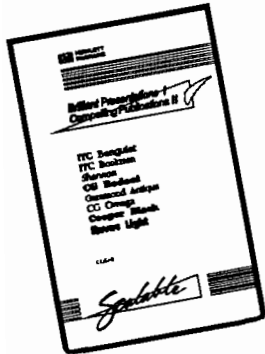
- Your software must be able to use the enclosed AutoFont Support files, or it must have a specific printer driver for this cartridge. (See the *Software Application Notes* included with this package, or contact your software vendor.)
- You must have an HP LaserJet III printer or other HP LaserJet printer with internal font scaling capability.
- You must have a hard disk drive (to load AutoFont Support).

Take a moment to look through the contents of this package:



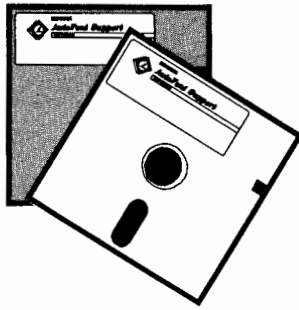
The *Getting Started Guide* and *Software Application Notes*

This *Getting Started Guide* will help you install your scalable typeface cartridge and the AutoFont Support files. It also contains troubleshooting information and the phone number for HP's Personal Peripherals Assist Line. The *Software Application Notes* contain detailed printer setup instructions for several popular software packages.



The Scalable Typeface Cartridge

The cartridge contains your new scalable typefaces. You can use these cartridge typefaces in combination with the fonts that are internal to your HP LaserJet printer and with other HP font products.



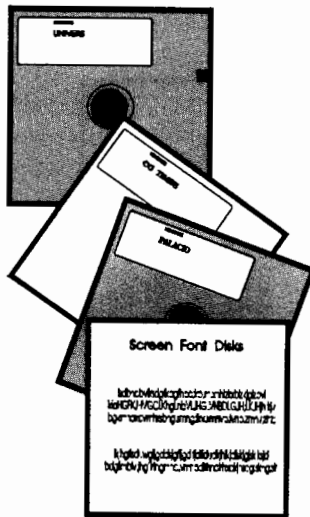
The AutoFont Support Disks

The AutoFont Support disks contain information about the characteristics of your new typefaces. (The typefaces themselves are in the cartridge.) Your software will use the AutoFont Support files when you run the software's printer driver update program. See the section in this manual on "Updating Your Software's Printer Files To Support the Scalable Typeface Cartridge."



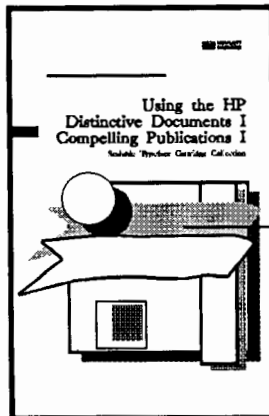
The Screen Font Disks

The screen font disks contain files you can use to create custom screen fonts to match your scalable typeface cartridge fonts. You can only use these if you have software (such as Microsoft Windows) that lets you make custom screen fonts.



Many software packages do not have the capability to make custom screen fonts at this time. (See the *Software Application Notes*.) Keep these disks in a safe place. You may be able to use them with a later version of your software.

You do not need these screen font disks to use the cartridge fonts.



The Scalable Typeface Cartridge Collection Manual

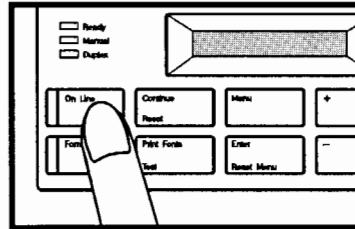
The *Scalable Typeface Cartridge Collection* manual contains examples of text formatted with the cartridge typefaces. It also provides definitions of typesetting terms, principles of page layout, and a PCL code table for the typefaces.

Installing the Cartridge

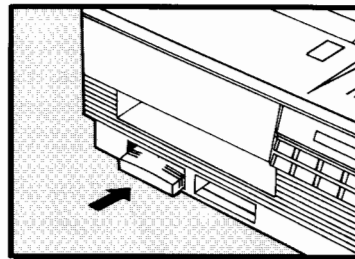
Do the following steps to install your scalable typeface cartridge into your printer:

1. Press the [On Line] key to set the printer to the OFF LINE state (light off).

If you try to insert or remove the cartridge with the printer ON LINE, you may damage your equipment.

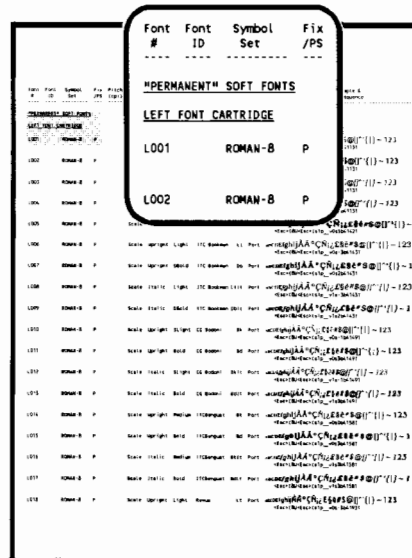


2. Insert the cartridge (label side up) into any available cartridge slot on your printer. You should hear and feel the cartridge snap into place. Do not be afraid to push hard.



3. Briefly press the [Print Fonts Test] button on your printer and wait several minutes for all the test pages to print. If you see the names of the cartridge fonts on the test pages, the cartridge is installed correctly. (Your printer manual will tell you how to read the fonts test pages.)

4. Press the [On Line] key to return the printer to the ON LINE state (light on).



Updating Your Software's Printer Files To Support the Scalable Typeface Cartridge

Refer to the *Software Application Notes*

The AutoFont Support disks provide typeface information your software needs to format your text correctly. (The typefaces themselves are in the cartridge.) You will need to update your software's printer program so that it can use the AutoFont Support information and access the scalable fonts on your cartridge.

The *Software Application Notes* included with this scalable typeface cartridge give detailed instructions on updating the printer files for several popular software packages. First check to see if your software is included in those notes. If it is, use the instructions in the *Software Application Notes* to finish the installation of your scalable typeface cartridge. Otherwise, proceed to the section below.

Software Not Included in the *Software Application Notes*

If your software is not covered by the application notes, perform the following steps:

1. Make sure your software has the ability to read the AutoFont Support files. (Look in your software manual index for terms such as *AutoFont*, *advanced font scaling*, *scalable fonts*; or call your software vendor.)
2. Insert the *AutoFont Support Installer Disk* into drive A:
3. Type `A:AUTOFONT` and press **[Enter]**. Answer the questions as they appear on the screen.

Destination Drive

By agreement between Hewlett-Packard and several software vendors, the \AUTOFONT directory will be installed in the root directory of your destination drive.

This will allow multiple software packages on your system to share the same AutoFont Support files and support your cartridge. (Some software will require that you have your software and AutoFont Support files on the same drive.)

Screen Fonts

At this time, few software packages support custom screen fonts. Unless you are certain that your software can generate custom screen fonts, you will avoid unnecessary steps if you answer **NO** to the screen font prompt. You can always repeat the AutoFont Support installation to install screen fonts later.

4. Continue answering the screen prompts until the AutoFont Support installation is complete. Then run your software's printer update program to add your new fonts to the printer or font selection menu. (Usually this is a utility that you run outside your software).

Installing Custom Screen Fonts

If your software lets you create custom screen fonts to match your printer fonts, the AutoFont Support Installer will prompt you to install the screen font disks that are included with the scalable typeface cartridge.

Note

Custom screen fonts are used by professional typesetters and graphics artists who want a true "what you see is what you get" display. However, custom screen fonts use a lot of memory. You may find that your computer will perform faster if you use your software's "generic" screen fonts for most of your work.

In order to make custom screen fonts with the screen font disks, one of the following conditions must be true:

- You have Hewlett-Packard's Type Director 2.0 font management program (available from your local

authorized Hewlett-Packard dealer), and Type Director 2.0 provides screen font support for your software, or

- Your software supports the Intellifont font scaling technology. (This would be a feature of your software package).

Making Screen Fonts with Type Director 2.0

If you are using Type Director 2.0, see the *Type Director 2.0 User's Guide* for information on installing the typefaces and making screen fonts.

Making Screen Fonts with Intellifont

If your software supports Intellifont, you must first do the following steps to install the typefaces for your custom screen fonts on your hard disk drive:

1. Insert the *AutoFont Support Installer Disk* into drive A:
2. Type **A:AUTOFONT** and press **[Enter]**.
3. Answer the questions as they appear on the screen.
4. Answer **YES** when asked if you want to install screen fonts.
5. Continue answering the screen prompts until the AutoFont Support installation is complete.

In Case of Difficulty

Here are some procedures to follow if you are having problems with your scalable typeface cartridge or custom screen fonts:

The cartridge's typefaces won't print.

- Take your printer OFF LINE. Press the [Print Fonts Test] button. If the names of the cartridge's typefaces do not appear on the test pages, check to see if your cartridge is installed correctly. Is the label up? Is the cartridge firmly seated in the slot? Try pushing the cartridge in a little more until you hear it snap into place. **Don't be afraid to push hard.**
- If the cartridge *is* installed correctly, make sure you are following the correct procedures for selecting fonts within your software. See the *Software Application Notes* included with this cartridge, or refer to your software manual.
- Have you installed your AutoFont Support files? If you have not, your software cannot access the typefaces on the cartridge. See the *Software Application Notes* included with the cartridge, or read the section on "Updating Your Software's Printer Files To Support the Scalable Typeface Cartridge" in this manual.
- If you are still having problems, contact your local authorized Hewlett-Packard dealer.

My typefaces don't appear on the software menu.

- Does your software use AutoFont Support? If your software cannot read the AutoFont Support files, you may need to order a special printer driver for this cartridge from your software vendor.
- Did you run your software's printer update program when you installed the cartridge? Your software might require you to perform this step in order to add your typefaces to its font selection menu. Some software applications do this through a printer driver installation, while others do

it through an “add fonts” utility. For example, WordPerfect requires you to run the *PTR* program, and WordStar requires you to run *WINSTALL*. See the *Software Application Notes* or your software manual for more instructions.

The software won't display the appropriate screen fonts.

- Does your software support custom screen fonts? Check the *Software Application Notes*, your software manual or contact your software vendor.
- Does your software support the Intellifont font scaling technology or does Type Director 2.0 support your software?

I can't get international characters or special symbols to appear on the screen.

- Unless you are using a software package that lets you use screen fonts, you probably will not be able to see all of your special characters on the screen. However, this does not prevent them from printing correctly.
- When you installed your screen fonts through AutoFont Support or Type Director, did you select a symbol set that your software supports? Check your software manual to see which symbol sets your software uses, then repeat the AutoFont support installation.
- Look at the symbol set tables in the appendix of your printer manual to make sure you have entered the correct decimal code for the symbol you want to use.

Printer Error Messages

FE CARTRIDGE

If you insert or remove the cartridge while your printer is on line, you will receive an FE CARTRIDGE message on the printer's control panel display. Turn your printer off and then back on to clear the FE CARTRIDGE message. *Make sure your printer is OFF LINE when you insert or remove a cartridge.*

FC left, right, both NO FONT

If you get an FC NO FONT message, or if the printer does not print your fonts, your cartridge is probably not pushed deeply enough into the cartridge slot. Take the printer OFF LINE and push the cartridge firmly into place.

21 PRINT OVERRUN

In some cases, you might see the 21 PRINT OVERRUN message while printing with very small type on a dense spreadsheet, particularly in portrait orientation. This message can also appear when you are printing pages that have very complex graphics and lines. Try one or more of the following steps to correct this condition:

- Use the HP LaserJet III's page protection feature. (See your printer manual for more instructions.)
- Reduce the number of characters on the page, the number of characters per line; or reduce the amount of lines, boxes or graphics.
- Increase the amount of space between the lines.
- Try printing in landscape orientation.

Calling for Help

Personal Peripherals Assist Line

Hewlett-Packard offers world-wide support (in English) through the Personal Peripherals Assist Line.

The Personal Peripherals Assist Line's telephone number in the United States is:



(208) 323-2551

The Personal Peripherals Assist Line is open from 7:00 a.m. to 6:00 p.m. (Mountain Standard Time) on Monday, Tuesday, Thursday and Friday. On Wednesday it is open from 7:00 a.m. to 4:00 p.m.



HP MasterType Library Ordering Information

Hewlett-Packard offers a growing library of scalable typeface products, including cartridges, disk based typeface collections, and the Type Director 2.0 font management program. You can order these through your authorized HP dealer or local HP sales office.

If your dealer is temporarily out of stock, call **HP Direct**:

United States 1-800-538-8787

Canada

Toronto 1-416-671-8383

Ontario/Quebec 1-800-387-3417

Other Provinces 1-800-387-3154

For additional product information, call:

HP Customer Information Center 1-800-752-0900