Intellifont®-for-Windows® 3.1

Information Guide

Hewlett-Packard's Printer-Screen Driver   Version 1.20

NOTE: This Information Guide contains 25 pages and is formatted in Windows
Write for printing to the HP LaserJet III family of printers.

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Introduction

Intellifont-for-Windows 3.1

Hewlett-Packard brings you the same high-quality type that you have come to expect from HP LaserJet printers, into the Windows 3.1 environment with *Intellifont-for-Windows 3.1.* When you install *Intellifont-for-Windows 3.1,* the following will be added to your Windows 3.1 environment:

* *Intellifont-for-Windows 3.1* application icon
* Intellifont screen font driver -- for automatic on-the-fly screen fonts
* Eight scalable typefaces -- from the CG Times and Univers families
* HP Font Installer -- for scalable typefaces and bitmapped printer fonts
* PCL 5 Printer Driver -- for HP LaserJet III, IIID, IIIP and IIISi printers
* Help files -- for quick information

Screen Font Driver

Intellifont-for-Windows 3.1 includes a unique screen font driver which automatically creates screen fonts, from scalable typeface files, at all point sizes supported by Windows 3.1 applications. Intellifont® is a sophisticated font scaling technology developed by AGFA Compugraphic, the world's largest manufacturer of typesetting systems.

Intellifont technology is also built into all HP LaserJet III family of printers. This means that "what you see, is what you get" when you use scalable typefaces and *Intellifont-for-Windows 3.1.* The screen fonts are created "on-the-fly," which means enhanced performance by eliminating the need to use valuable computer memory for traditional bitmapped screen fonts.

NOTE: The *Intellifont-for-Windows 3.1* screen font driver can only create scalable screen fonts for Intellifont scalable typeface products. Windows 3.1 will display representative screen fonts for other kinds of fonts.

Eight Scalable Typefaces

Eight scalable typefaces from the **CG Times** and **Univers** typeface families are included with *Intellifont-for-Windows 3.1.* These typefaces match the resident typefaces in the HP LaserJet III family of printers* and are the source of scalable screen fonts. **CG Times** (in regular, italic, bold, and bold italic) is often used for body text and **Univers** (in medium, italic, bold and bold italic) is often used for headlines. Optional typefaces are available from HP's MasterType Library.

* The LaserJet IIISi contains five additional typefaces. Screen fonts can be obtained separately.

(See Page 5.)

HP Font Installer and Compatible Fonts

Using the HP Font Installer, you can install the following font products for use in Windows 3.1:

* Scalable typefaces -- cartridge or disk-based
* Bitmapped printer fonts -- cartridge or disk-based (soft)
* Scalable printer fonts -- using AutoFont Support utilities

Disk-based bitmapped printer fonts, or soft fonts, must be in PCL format. Scalable typeface products must be in AGFA Compugraphic's FAIS or library format.

You can access the HP Font Installer three ways within Windows 3.1:

1. Double-click on the **Intellifont** icon, then click on the **Fonts** button.

2. From the Program Manager's **Main** group, double-click on **Control Panel,** double-click on the **Printers** icon, click on the **Setup** button, then click on the **Fonts** button.

3. Within most software applications, click on the **File** title bar, click on **Printer Setup,** click on the **Setup** button, then click on the **Fonts** button.

PCL 5 Printer Driver

Intellifont-for-Windows 3.1 includes an upgraded PCL 5 Printer Driver. Selections in the driver window include the following items: Printer model (HP LaserJet III, IIID, IIIP and IIISi printers), paper source (tray), paper size, printer memory size, Page Protection status, orientation, installed font cartridges, graphics resolution, gray scale and number of copies.

The PCL 5 Printer Driver contains special code that allows Windows 3.1 software applications to access advanced printer features, such as: Pattern shades, multiple print directions on a single page, mirrored, shadowed and reverse (white on black) printing. Check your software application manual to see if these features are supported.

To improve graphic image printing, three new **Gray Scale** settings are available. Try printing your graphics with the different gray scale settings to choose the one which looks best to you.

You can access the PCL 5 Printer Driver two ways within Windows 3.1:

1. From the Program Manager's **Main** group, double-click on **Control Panel,** double-click on the **Printers** icon, then click on the **Setup** button.

2. Within most software applications, click on the **File** title bar, click on **Printer Setup,** then click on the **Setup** button.

Help Files

Updated on-line help information is supplied for the new *Intellifont-for-Windows 3.1* icon, PCL 5 Printer Driver and HP Font Installer windows. Help files contain step-by-step procedures for installing accessory typeface and font products along with definition of terms. Use Help any time you need to review a procedure and remember, with Windows 3.1, you can print out a help topic any time.

Ordering Additional Typefaces

Hewlett-Packard offers a growing collection of scalable typeface products from the HP MasterType Library. Check with your authorized HP dealer to see which scalable typefaces are available.

To locate your nearest HP dealer or to receive additional product sales information, call Hewlett-Packard's Customer Information Center at:

USA   1-800-752-0900

Canada   1-800-387-3867

Other countries   Contact a Hewlett-Packard sales office

If your dealer is temporarily out of stock, call Hewlett-Packard for fast-ship service:

USA   1-800-538-8787

Canada
  Toronto   416-671-8383
  Ontario/Quebec   1-800-387-3417
  Other provinces   1-800-387-3154

Adding Fonts

Scalable Typefaces

When accessory scalable typeface products are installed, *Intellifont-for-Windows 3.1* will automatically create matching screen fonts on-the-fly as needed. For both cartridge-based and disk-based scalable typeface products, follow these steps:

NOTE: If you are using a scalable typeface cartridge other than *Distinctive Documents I/ Compelling Publications I* or the *Brilliant Presentations I/Compelling Publications II* cartridges, follow the instructions on Page 8.

Step A -- Install Screen Font Files

1. Double-click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Click on the **Add Fonts...** button.

4. Locate a scalable typeface diskette and insert it into your source floppy disk drive (the A: drive is the default), then click on **OK.**

   The HP Font Installer will read the diskette and display a list of typefaces from your source drive. If the scalable typefaces are already installed on your hard disk, indicate the appropriate drive and directory.

5. Highlight the typeface(s) you want to install.

6. Click on the **Add...** button.

7. Highlight a symbol set and click on **OK.**

   The default is the **WN: Windows** symbol set, however, if you have a cartridge-based product, we recommend that you select **Cartridge - Screen fonts only.** (See Page 16 for more information about symbol sets.) If you want to select an application symbol set (such as math or dingbats), refer to your printer user's manual or the manuals that came with your accessory type products to see charts showing the exact characters in each symbol set.

8. Indicate the destination drive and directory where you want to place your screen fonts and, if needed, printer fonts. Click on **OK.**

   If you select **Cartridge - Screen fonts only,** you will not have to indicate a printer font directory. The default *screen* font directory is C:\TD\TYPE and the default *printer* font directory is C:\PCLFONTS. Once installed, the scalable typeface(s) will appear on the left side of the screen under the heading **"HP LaserJet III on [port]."** Scalable printer fonts can be recognized by the absence of a point size designation and a two-character symbol set code (such as WN). Screen fonts can be recognized by a small dot (·) prior to the typeface name.

9. Repeat this process for each of the scalable typeface diskettes you received.

10. Return to your original window.

Step B -- Tell Windows which Cartridge You Are Using

Before you can select *cartridge* typefaces or fonts in your Windows applications, you must tell windows which cartridge you are using. Follow these steps:

1. From the Program Manager's Main window, double-click on **Control Panel.**

2. Double-click on the **Printers** icon.

3. Click on the **Setup** button.

4. Highlight your cartridge from the list.

5. Click on **OK**.

6. Return to your original window.

Unlisted Scalable Cartridges

If you have a scalable typeface cartridge that is not listed in the printer **Setup** menu under the heading "Cartridges," you must install AutoFont Support files (TFM) or Printer Cartridge Metrics files (PCM).

Step A -- Install Support Files

1. Completely exit Windows and return to a DOS prompt (do not use the DOS icon).
2. Install your AutoFont Support or Printer Cartridge Metrics (PCM) files according to your font vendor's instructions.

NOTE: If you are asked if your application software supports custom screen fonts, answer **Yes**.

Step B -- Activating your Scalable Cartridge in Windows

Before you can select cartridge-based typefaces or fonts in your Windows applications, you must activate the cartridge name in the printer **Setup** menu. Follow these steps.

1. From the Program Manager's **Main** window, double-click on **Control Panel.**

2. Double-click on the **Printers** icon.

3. Click on the **Setup** button.

4. Click on the **Fonts** button.

5. Click on the **Add Fonts...** button.

6. Indicate C:\AUTOFONT as the source drive and directory. The cartridge name will appear.

7. Highlight the cartridge name and press the **Add...** button.

    The cartridge name will appear in the box on the right. (There will be a small cartridge icon beside the name.)

8. We recommend that you accept the default printer font directory (C:\ PCLFONTS). Click on **OK**.

9. Click on **Exit** to return to the **Setup** window.

10. In the **LaserJet on (port)** window, highlight the name of your
new cartridge in the Cartridges box.

NOTE: Your cartridge must be highlighted in order to select fonts from it in
your Windows applications.

11. Click on **OK** to advance through the remaining windows until you return
to the Control Panel window. Close the Control Panel.

Step C -- Installing Matching Screen Fonts.

1. From Program Manager, open the **Intellifont-for-Windows** window, then
double-
click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Click on the **Add Fonts...** button.

4. Type in the drive and directory where the AutoFont Support installer
placed the   .TYP (screen font) files (for example, C:\TD\TYPE.) Then click
on **OK**.

5. Highlight the typeface(s) you want to install as screen fonts. You may
highlight more than one.

6. Click on the **Add...** button.

7. Highlight **Cartridge -- Screen Fonts Only** and click on **OK.**

8. Indicate the destination drive and directory where you want to store your
screen fonts. (For example, C:\TD\TYPE). Indicate the same destination
drive and directory you used in step 4 to avoid duplicating files. Click on
OK.

> The default is the **WN: Windows** symbol set; however if you have a cartridge-based
> product, we recommend that you select **Cartridge - Screen fonts only.** (See Page 16
> for more information about symbol sets.) If you want to select an application symbol
> set
> (such as math or dingbats), refer to your printer user's manual or the manuals that
> came
> with your accessory type products to see charts showing the characters in each symbol
> set.

9. Indicate the destination drive and directory where you want to store your
screen fonts. (For example, C:\TD\TYPE). Indicate the same destination
drive and directory you used in step 4 to avoid duplicating files. Click on
OK.

10. Click on **exit** until you return to your original window.

You will now be able to select fonts from your scalable typeface cartridge within your software applications. If *Intellifont-for-Windows 3.1* is **on**, you will see matching screen fonts on your monitor.

Type Director User Hints

Scalable Typefaces

Scalable typefaces installed through Type Director are compatible with *Intellifont-for-Windows 3.1.* When you run the setup program for *Intellifont-for-Windows 3.1,* you are asked to identify a scalable typeface directory. You should identify the same directory as used by Type Director (the default typeface directory for both programs is C:\TD\TYPE).

Activating your Fonts

To activate both printer and screen fonts, follow the steps below.

1. Double-click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Click on the **Add Fonts...** button.

4. Type in the drive and directory of your Type Director scalable typeface directory (for example, C:\TD\TYPE), then click on **OK.**

5. Highlight the typeface(s) you want to install.

6. Click on the **Add...** button.

7. Identify a symbol set and click on **OK.**

> If you have previously used Type Director to create scalable printer fonts, and you do not want duplicate fonts, type in the symbol set of your original scalable printer font. Use Type Director's *List/Delete Fonts* menu to determine this information. If you do not use the same symbol set, a new scalable printer font will be made.

8. Indicate the destination drive and directory where you want to place your screen fonts and, if needed, printer fonts. Click on **OK.**

> In order to avoid duplicate font files, the screen font directory should match your scalable typeface directory (for example, C:\TD\TYPE). The printer font directory should be the same as the one used in Type Director (for example, C:\TD\FONTS).

9. Return to your original window.

Deleting Bitmapped Screen Fonts

Intellifont-for-Windows 3.1 replaces the need for individual bitmapped screen fonts in Windows 3.1. If you created screen fonts through Type Director, you can delete them and save both disk space and computer memory.

Use Type Director's **List/Delete Fonts** menu to delete screen fonts. Screen fonts are clearly identified in Type Director under the heading "Device." You cannot use the HP Font Installer to delete bitmapped screen fonts.

NOTE: It is important that you use Type Director when deleting bitmapped screen fonts because the program has the ability to automatically update a special Windows 3.1 control file (WIN.INI).

Disk-based Bitmapped Fonts (Soft Fonts)

The HP Font Installer is capable of reading and installing any disk-based bitmapped printer fonts that are in PCL format.

NOTE: The *Intellifont-for-Windows 3.1* screen font driver can only create scalable screen fonts for Intellifont scalable typeface products. Windows 3.1 will display representative screen fonts for other kinds of fonts.

1. Double-click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Click on the **Add fonts...** button.

4. Indicate the drive and directory of your bitmapped printer fonts. Click on **OK**.

5. Highlight the font(s) you want to install.

6. Click on the **Add...** button.

7. Indicate the destination drive and directory where you want to place your bitmapped printer fonts. Click on **OK.**

> Several files are updated to tell Windows 3.1 the location of the font(s) and provide support information. Because of this, if the fonts are already in a directory on your hard disk drive, you can identify the *same* directory as the destination drive. This way, the HP Font Installer will not make a duplicate copy of the font. Otherwise, use the default printer font directory C:\PCLFONTS.
>
> Once installed, the bitmapped printer fonts will appear on the left side of the screen under the heading **"HP LaserJet III on [port]"** Bitmapped printer fonts can be recognized by a unique point size designation.

8. Return to your original window.

Editing Font Names and Attributes

If you would like to change the name of a font, you can use the HP Font Installer's edit feature. Highlight an installed font (listed under the heading **HP LaserJet III on [port]**) and press the **Edit** button. Make your changes and press **OK.** More information about the edit functions can be found in the on-line Help screens.

Cartridge-based Bitmapped Fonts

Support is already included for many of Hewlett-Packard's newer bitmapped font cartridge products with the PCL 5 Printer Driver. You will not need to use the HP Font Installer if your cartridge is listed.

However, you will need to select your cartridge in the printer **Setup** window. From the Program Manager's **Main** window, double-click on **Control Panel,** double-click on the **Printers** icon, click on **Setup.** Highlight the name of your font cartridge and press **OK.** Return to your original window.

NOTE: The *Intellifont-for-Windows 3.1* screen font driver can only create scalable screen fonts for Intellifont scalable typeface products. Windows 3.1 will display representative screen fonts for other kinds of fonts.

Unlisted Cartridges

If you have a font cartridge that is unlisted, you must install AutoFont Support files (.TFM) or a Printer Cartridge Metric (.PCM) file which supports the fonts through the HP Font Installer. If you do not have AutoFont Support diskettes for Hewlett-Packard font products, you can order them. In the USA and Canada, call Hewlett-Packard at 303-353-7650 (Monday through Friday 7 a.m to 6 p.m. MST). For all other countries, contact your authorized HP dealer. For support for other font products, contact your font vendor.

AutoFont Support and .PCM Instructions

1. If you have an AutoFont Support utility, follow that program's directions to install the AutoFont Support files.

2. From within Windows 3.1, double click on the **Intellifont** icon and click on the **Fonts** button.

3. Click on the **Add fonts...** button.

4. Indicate the drive and directory where AutoFont Support files or .PCM files are stored (for example, C:\AUTOFONT) and click on **OK.**

5. Highlight the name of the cartridge you want to install.

6. Click on the **Add** button.

7. Indicate the destination drive for your support files (the default is C:\ PCLFONTS).

   Once installed, the cartridge name will appear under the heading **"HP LaserJet III on [port]."**

8. Return to the original window.

NOTE: Before you can select *cartridge* typefaces or fonts in your Windows applications, you must let Windows know which font you are using. Follow these steps:

1. From the Program Manager's Main window, double-click on **Control Panel.**

2. Double-click on the **Printers** icon.

3. Click on the **Setup** button.

4. Highlight your cartridge from the list.

5. Click on **OK**.

6. Return to your original window.

Screen Font Cache

The cache option helps *Intellifont-for-Windows 3.1* quickly draw your screen fonts.

A part of your computer's Random Access Memory (RAM) is set aside as a screen font cache. When screen fonts are saved in the cache, *Intellifont-for-Windows 3.1* does not have to re-create each character when it is used again. Instead, the screen is quickly redrawn with cached screen fonts.

The cache option's default setting is 96 KB. This size can be changed to suit your needs. For example, if you are using RAM resident programs, you can decrease the size of your screen font cache to accomodate them. On the other hand, if you are using many different fonts in your document, you can increase the cache size to allow IFW to draw your screen fonts more efficiently.

Changing Cache Size

1.   From your **Intellifont-for-Windows** menu, double-click on the **Intellifont** icon.

2.   Change the cache size.

   Use the scroll bar to scroll through the different cache sizes. The sizes are listed numerically
    in 32 KB increments. Select the size you want to use.

3.   Select **Exit.**

   A warning message will appear after you have changed the cache size. You must restart Windows for your changes to take effect. The previous cache size will remain active until you restart Windows.

4.   Select **OK**.

5.   Restart Windows.

Symbol Sets

Symbol Sets, also known as "character sets," are unique groupings of characters or
symbols within a font. The Windows Symbol Set **(WN)** is the default symbol set used for scalable fonts.

To see exactly which characters are in a symbol set, refer to your printer user's manual or the manuals that came with your accessory font or typeface product.

Accessing Special Characters

Use the charts in the manuals to locate the symbol set and characters you need for your work. Some characters are called "extended" because they are not typically found on common computer keyboards. To print characters outside the range of your computer keyboard:

1. Locate the character code number of the symbol you want using the symbol set
   charts found in your printer manual or font accessory manual.

2. Press and hold down the **[Alt]** key.

3. Type in a **zero** (0), then the character code number using your computer's **numeric** keypad. Be sure that **num lock** light is lit.

NOTE: Windows 3.1 requires you to type in leading zeros for a total of **four** digits.

4. Release the **[Alt]** key.

For example, the register mark ®, in the Windows Symbol Set is character number 174, and should be keyed in with your numeric keypad as [Alt] 0174.

Multi-language characters (È ä Ç ñ ß) and special symbols (® £ © ½ ¥) are accessed this way.

Changing Symbol Sets For Internal Fonts

The symbol set for your internal fonts is set to **WN: Windows** by the printer driver. If you would like to change the symbol set for your internal fonts, follow these instructions:

1. Double-click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Click on the **Add Fonts...** button.

4. Change the directory to **C:\TD\TYPE**.

5. Highlight the typeface(s) you want to install.

6. Click on the **Add...** button.

7. Highlight a symbol set and click on **OK.**

8. Click on **OK.**

9. Highlight the font with the symbol set you just installed.

NOTE: Highlight only **one** font at a time.

10. Click on the **Permanent** radio button.

> An asterisk (*) will appear next to the font name, designating it as a permanent font.

11. Click on **Exit**.

> When you exit the HP Font Installer, remove the **X** in front of **download now** and **download at startup**. You do not need to download internal fonts because they are built into your printer.

12. Click on **OK**.

Downloading Fonts

The process of transferring disk-based (soft) fonts from your computer to your printer is called **downloading.**

Soft fonts are designated **temporary** status by default. This means the fonts will be
automatically downloaded by Windows 3.1 each time you print a job. Generally you should not have to change this status. The benefit of temporary fonts is that you will not have to remember which fonts have been downloaded to the printer.

If you consistently use the same group of fonts, you can designate the fonts as **permanent.** Permanent fonts are stored in your printer's memory until it is powered off*.   The benefit of using permanent fonts is that you won't have to wait to download fonts before printing jobs throughout the day.

NOTE: If you are sharing a printer and designate fonts as permanent, make sure that others using the printer are aware of which fonts are downloaded.

To select fonts as **permanent** you can use the HP Font Installer window.

1. Double click on the **Intellifont** icon.

2. Click on the **Fonts** button.

3. Highlight a disk-based (soft) font from the list.

4. Click on the **Permanent** radio button.

> An asterisk (*) will appear next to the font name, designating it as a permanent font.

5. When you exit the HP Font Installer, follow the messages that appear in a dialog box to select **download now** or **download at startup.**

> If you select **download at startup,** each time you re-boot or power-on your computer, the fonts will be downloaded. Make sure that your printer is powered on and is on-line before re-booting your computer. The HP Font Installer will add a batch file (.BAT) to your AUTOEXEC.BAT file. A DOS prompt appears asking you to confirm whether you want to download the fonts. If you answer **yes,** the fonts will be downloaded and a sample will be printed.   Remember when you start your computer, it will take additional time to download the fonts.

The number of fonts you can download at one time is dependent upon the font file size and the amount of memory you have in your printer.

You can also use the HP Font Installer to change the download status of a font by using the **Edit** button or by highlighting the font and clicking on permanent or temporary.

* If you have a LaserJet IIISi, switching into PostScript® mode will also delete permanent soft fonts.

In Case of Difficulty

If you run into a problem using *Intellifont-for-Windows 3.1* , read this section or the following section on software applications to help you diagnose and solve the problem. Error messages are listed in italic below:

Installation Memory Messages

There is not enough free space on drive [letter] to install Intellifont-for-Windows .... Try removing files no longer needed and re-install *Intellifont-for-Windows. Intellifont-for-Windows 3.1* requires approximately 0.9 megabytes for the program and 1.1 megabtyes for the typeface files. Prior to starting Windows 3.1, you can use the DOS command `CHKDSK` to verify the amount of disk space available. Refer to your DOS manual for more information. If space is a concern with your main drive, try installing typeface files on a different drive.

Could not install [filename] ... This message appears when a file was not successfully copied. The message usually appears when there is not enough free space on your hard disk to copy a file. Try removing unnecessary files and re-install *Intellifont-for-Windows 3.1.*

This message can also occur if the files statement in your CONFIG.SYS file is not set high enough. Check your CONFIG.SYS file to make sure that the files statement reads `FILES=20` or higher.

This message is also displayed when the file that is being installed cannot be found in the source directory. If you obtained *Intellifont-for-Windows 3.1* by downloading it from CompuServ, make sure that you follow the instructions for decompressing the files. This process puts the necessary files into the appropriate directories on the floppy disk that the program is being decompressed to.

Installation Directory Messages

You should be in the directory where Windows is installed. The files WIN.INI and SYSTEM.INI could not be found in the directory you identified for Windows 3.1. Identify the correct Windows 3.1 directory.

The directory you specified is not a WINDOWS\SYSTEM directory. If you are using a network version of Windows 3.1, make sure you properly identify the drive and directory from which you access Windows 3.1. If you are using only a local (non-network) version of Windows 3.1, check to see if the WINDOWS/SYSTEM directory exists. If it does not, you may have to re-install Windows 3.1.

Intellifont-for-Windows 3.1 Messages

Unexpected results reading the "device" entry in the [Windows] section of the WIN.INI file. This message is displayed when *Intellifont-for-Windows 3.1* cannot read the "device" entry in the [Windows] section of the WIN.INI file. If this message appears, the HP Font Installer window and the Intellifont screen font driver cannot be accessed. You may be able to correct the problem by following these steps:

From the Program Manager's **Main** window, double-click on **Control Panel,** double-click on the **Printers** icon. Verify that the HP LaserJet III printer is listed in the installed printer list. Double-click on the printer to make it the default printer. Click on **OK.**

You must exit Windows and re-start for your changes to take effect. If you turn the screen driver off or on, or if you change the cache size, you must completely exit Windows and re-enter for the change to be implemented.

Fonts Appear Jagged

Make sure that *Intellifont-for-Windows 3.1* is **on**. To verify the status, from Program Manager double-click on the **Intellifont-for-Windows** group icon, then double-click on the **Intellifont** icon.

Have you installed a scalable screen font? To verify, from program manager, double-click on the **Intellifont-for-Windows** group icon, double-click on the **Intellifont** icon, click on the **Fonts** button. Screen fonts can be identified by a small dot (·) in front of the typeface name.

Verify that your computer system meets the requirements described on the inside flap of your *Intellifont-for-Windows 3.1* package.

Are you using a non-scalable bitmapped font? If so, Windows 3.1 can only generate a representative screen font. *Intellifont-for-Windows 3.1* requires Intellifont scalable typefaces in order to make screen fonts. Compatible fonts are described on Page 4.

Installed Fonts Not Available in Applications

Did you install the fonts or typefaces according to the instructions on Pages 6, 8, 10, 12 and 13?

If you are using screen fonts with a scalable typeface cartridge, did you select the cartridge name in the Printer Setup window?   Before you can select *cartridge* fonts in your Windows applications, you must select the cartridge name in the printer **Setup** window. From the Program Manager's **Main** window, double-click on **Control Panel,** double-click on the **Printers** icon, then click on the **Setup** button. Highlight your cartridge from the list. Click on **OK.**

Calling for Help

If you have tried all the suggestions given here and you still are in need of assistance, you can call Hewlett-Packard.

In the USA and Canada, call HP's Personal Peripherals Assist Line between 7 a.m. and 6 p.m. (Mountain Standard Time) Monday through Friday; except for Wednesday when the hours are 7 a.m. to 4 p.m.

208-323-2551

All other countries, contact your authorized Hewlett-Packard dealer.

If have specific questions about configuring Windows 3.1 to run on your computer hardware, call Microsoft. In the USA and Canada, phone:

206-637-7098

Technical Information

The following is a list of directories, files and file descriptions that are used by *Intellifont-for-Windows 3.1,* (where "C:" represents any root drive):

DIRECTORY	FILE	DESCRIPTION
C:\WINDOWS	IFWGUIDE.WRI	Information Guide (in MS Write format)
	IFW.EXE	Intellifont icon and window
	IFW.HLP	Intellifont window help screens
	WIN.IFW	Back-up copy of WIN.INI file
	SYSTEM.IFW	Back-up copy of SYSTEM.INI file
C:\WINDOWS\SYSTEM*	IFW.DRV	Intellifont Screen Font Driver
	HPPCL5A.DRV	PCL 5 Printer Driver
	HPPCL5A.HLP	PCL 5 Printer Driver help screens
	HPPCL5OP.HLP	PCL 5 Printer Driver Options help screens
	FINSTALL.DLL	HP Font Installer
	FINSTALL.HLP	HP Font Installer help screens
	PCLEO.DLL	Scalable printer font module
C:\TD\TYPE	HQ3.FNT	Intellifont summary files
	IF.SS	"
	IF.DSC	"
	IF.FNT	"
	HQ3UPDT.TYQ	"
	PLUGIN.TYQ	"
	SCREEN.TYS	"
	92500.TYP	Scalable typeface files
	92501.TYP	"
	92504.TYP	"
	92505.TYP	"
	94021.TYP	"
	94022.TYP	"
	94023.TYP	"
	94024.TYP	"

* If you are using a network (shared) version of Windows 3.1, these files are located on the network server in the main WINDOWS driver directory. Consult your network system administrator staff before making changes to a network server.

RELATED DIRECTORIES

C:\AUTOFONT	Directory for AutoFont Support files
C:\PCLFONTS	Default directory for printer fonts installed through the HP Font Installer
C:\TD\FONTS	Default directory for printer fonts created through Type Director or some AutoFont Support utilities
C:\TD\TYPE	Default directory used for scalable typefaces with both Type Director and *Intellifont-for-Windows 3.1*

Back-up Control Files

When you install *Intellifont-for-Windows 3.1,* two Windows 3.1 control files are updated. The files are WIN.INI and SYSTEM.INI located in the main Windows 3.1 directory (such as C:\WINDOWS). Back-up copies of your original files are made and called WIN.IFW and SYSTEM.IFW.

Software Application Notes

Intellifont-for-Windows 3.1 is compatible with most software applications that run in the Windows 3.1 environment. The following information is provided to give you hints for a few popular packages.

Aldus PageMaker

Kerning pairs are not supported with fonts installed from the HP Font Installer.

If you rotate your fonts, they will not appear correctly on the screen; however, they will print correctly.

To ensure high quality screen font displays, make the following change in the Preferences menu.

1. Before you open a document, from the PageMaker main window, select **Edit** on the title bar.

2. Select **Preferences.**

3. Highlight the **Stretch text above** field and type in 127 for PageMaker 3.X, or type in 600 for PageMaker 4.X.

4. Highlight the **Vector text above** field and type in 127 for PageMaker 3.X, or type in 600 for PageMaker 4.X.

5. Select **OK** to return to the PageMaker main window.

Atech Software's Publishers PowerPak

Intellifont-for-Windows 3.1 and Publishers PowerPak cannot be used at the same time. If you want to turn Publishers PowerPak off, change the printer driver back to the HP LaserJet III printer through the Program Manger's **Control Panel** and **Printer** icon.

Bitstream FaceLift

Intellifont-for-Windows 3.1 and FaceLift can operate concurrently. However, problems may occur when FaceLift is installed **after** *Intellifont-for-Windows 3.1* is installed. If this is the case, re-install *Intellifont-for-Windows 3.1.*

Bitstream FontWare

There are various modules of FontWare that create standard bitmapped printer fonts or scalable fonts in PCL format. If you use standard bitmapped printer fonts, follow the instructions on Page 12. If you have FontWare's module for HP LaserJet III family of printers, you can create scalable fonts and AutoFont Support files. When you install FontWare's scalable fonts into

Windows 3.1, use the HP Font Installer and indicate the AutoFont Support directory as the source drive and directory.

Computer Support Corp.'s Arts & Letters

Your printer must be selected in each Arts & Letters job. Open the **Attributes** window, select **Type,** click on the check box for your printer. Then select fonts.

Micrografx Designer

Because of the way Designer lists fonts, style names must be identified for some typefaces, such as scripts. If the correct typeface is listed, but does not appear on your screen, check the typeface style selection. For example, if you have the accessory script typeface Brush, follow these steps.

1. Click on **Text** from the Designer title bar.

2. Highlight the **typeface name** (Brush) to select.

3. Under the Style heading, click on **Change style.**

4. Click on **bold** and **italic.**

Microsoft Word for Windows

If you are using a symbol set other than WN: Windows, the control characters that Word for Windows uses for on-screen page formatting may not view correctly. The document will print correctly, however.

Current versions of Word for Windows do not automatically recognize newly installed fonts. Anytime you install new fonts, you must go into Word for Windows and open the printer **Setup** window to update Word's available fonts list.

1. From *within* a Word document, click on **File.**

2. Click on **Printer Setup.**

3. Click on the **Setup** button.

4. Click on **OK** two times to return to your document.

Microsoft PowerPoint

Create shades, boxes and other images prior to positioning text. Depending upon the way text is laid over objects, the image you see on the screen may not match what is printed. If this occurs, try bringing your text to the front (on top) of objects.

Changes made to the printer **Setup** window within PowerPoint are temporary.

If you want to make permanent changes to the PCL 5 Printer Driver, access the Setup window through the Program Manager's **Control Panel** (see step 2 on Page 4).

Samna Ami Professional

Versions prior to 1.2 are not supported.

Ventura Publisher

Ventura Publisher for Windows, Version 1.0, is limited to less than 150 fonts. Kerning pairs are not supported by the HP Font Installer.

If you rotate your fonts, they will not appear correctly on the screen; however, they will print correctly.

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