

# EPSON

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**EPSON PostScript™ CARD**

**C82605\***

**USER'S GUIDE**

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English

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Deutsch

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Français

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Español

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Italiano

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EPSON AMERICA, INC.

**DATE:** October 22, 1992

**TO:** Distribution

**FROM:** Tim Johnson  
Assistant Manager, Editorial  
MS D2-02

**PHONE:** 4032

**SUBJECT:** Epson PostScript Card Supplement to the manual

According to our agreement with Adobe, owners of the Epson PostScript Card have the right to get the Supplement to the manual. The supplement is very technical and will probably not be requested. Therefore, neither SEC nor EAI will publish the manual, but Robert Shibata, Lead Product Support Specialist, will have a copy. If any users want the manual, Robert can send them a copy.

Please call me if you have any questions.

Sincerely,



Tim Johnson

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PostScript CARU  
**USER'S GUIDE**

PostScript-Karte  
**BEDIENUNGSANLEITUNG**

PostScript Carte  
**MODE D'EMPLOI**

PostScript Tarjeta  
**GUIA DEL USUARIO**

PostScript Scheda  
**MANUALE PER L'UTENTE**

**EPSON**  
PostScript™ CARD  
C82605\*



User's Guide

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# Introduction

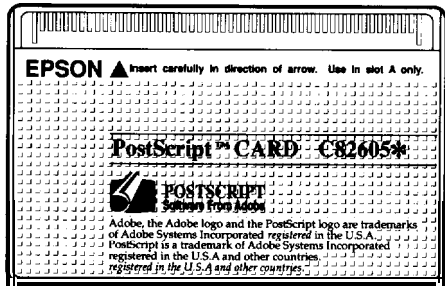
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## Features

The PostScript™ CARD gives your Epson page printer the capabilities of true Adobe PostScript. The card provides you with the following features for high performance with today's desktop publishing:

- The Adobe PostScript Language. This powerful printer language easily rotates, scales, clips, and orients any graphic object on your page. Choose from the wide range of application programs **written** for PostScript printers for professional results.
- 35 fonts in 11 font families: Times™, Helvetica™, Courier, Symbol, Avant Garde®, Bookman®, Helvetica Narrow, New Century Schoolbook, Palatino™, Zapf Chancery®, and Zapf Dingbats®
- Epson quality, reliability, and ease of operation.





This manual is a supplement to your printer manual. It gives you the additional information necessary to use the PostScript CARD with your printer. Keep these manuals together.

---

## Precautions

### Available printers

This card can work with the page printers listed below:

EPL-7000/7100/7050C

EPL-4000/4100, ActionLaser

It does not work with these printers:

GQ-3500, GQ-5000

EPJ-200, EPI-4000

EPL-6000, ActionLaser, ActionLaser PLUS

If your printer is not listed above, ask your Epson dealer whether this card can be used with your printer.

### Required memory

Before using the card, make sure your printer has more than 1.5 megabytes (MB) of memory. If you connect your printer to more than one computer, you must assign at least 1.5 MB of printer memory to the channel using the PostScript CARD. See your printer user's guide for more details.

Note:

- You cannot assign the PostScript mode to more than one channel even if your printer has more than 3.0 MB of memory.
- When the memory is insufficient for your paper size, the printing area might be clipped. Minimize the receive buffer size and the FULL PRINT setting, or both, using SelecType or install extra memory.

## **Available interfaces**

Unless you are using a Macintosh™, you can use any built-in or optional interface to connect your printer to your computer.

### **Note for Macintosh users:**

When you install this PostScript CARD in your printer, you can connect it to your Macintosh with the optional LocalTalk™ interface C82312\*. Do not use the serial interface for this purpose, because the Macintosh does not have a printer driver for the serial interface.

## **For EPL-7000/7100 Users**

- Your printer always reprints jammed pages after a paper jam error is corrected, even if JAM RECOVERY is OFF.
- You may get a PAPER SIZE ERROR if you try to print on a paper size that cannot be selected with SelecType. If this error occurs, press RESET until the display shows RESET.
- When your printer is used with two computers, the PostScript CARD should be used with channel S. If you want to use the card with channel P, set the MEMORY menu to S 0:10P.
- You cannot connect the EPL-7000/7100 to a Macintosh computer.

**For EPL-4000/4100/ActionLaserII users**

If you are using your printer with more than one computer and you are using an optional interface, you must use the PostScript CARD with the optional interface.

If you are using more than one computer but not using an optional interface, you must use the PostScript CARD with the serial interface.

# Chapter 1

---

## Handling the PostScript CARD

---

### Care and Handling

- Do not drop, crush, or bend the card. Its natural curvature does not affect operation, so do not try to straighten the card by bending it.
- Avoid touching the gold connectors along the card's edge.
- If the card becomes dirty, clean the connectors by wiping the edge with a clean tissue. Do not use water, alcohol, or other solvents.
- Keep the card in the protective case and blue antistatic bag when you are not using it.
- Do not store the card in direct sunlight or near a heat source. When stored, the card can withstand from -30°C to 65°C (-20°F to 150°F) temperatures and up to 90% humidity.
- Be careful when you insert and remove the card. You can damage it by inserting it the wrong way or using too much force.

---

## **Installing the Card**

Insert the card only when the printer is turned off.

Always insert it into slot A of your printer.

If the slot is horizontal, insert the card with the Epson logo on the upper side of the card. If the slot is vertical, insert the card so the Epson logo faces the A label. Follow the steps below to install the card:

1. Turn off the printer.
2. Hold the card so that the arrow on the card is aligned with the arrow on slot A.
3. Gently slide the card into the slot until it locks in place.
4. Turn on the printer.

Once you insert the PostScript CARD, you can select it using SelectType.

Note:

- Make sure your printer has at least 1.5 MB of memory, including an optional expanded memory board or chips. You will get an error message if you select the PostScript CARD when not enough memory is installed.
- Do not insert the card while the printer is turned on. If an error occurs, refer to your printer manual for instructions.

---

## Selecting PostScript

Because your printer is set to operate in one of the resident printer modes, you need to change the mode setting through SelecType before you can use the PostScript option.

If you are not familiar with SelecType, see your printer manual. You may also find it helpful to refer to the Quick Reference card (located at the back of the manual) whenever you use SelecType.

First, find the MODE or MODE ASSIGN menu in your SelecType map. (The menu for changing the printer mode is not identical in all printers.) You can change the printer mode to PS from these menus.

The following two sets of steps describe how to change the printer mode for the EPL-4000/4100, ActionLaserII, and the EPL-7000/7100 printers. See your printer manual for more details.


### **For EPL-4000/4100 and ActionLaser users**

1. Hold down the SelecType button for several seconds until the display shows SelecType LEVEL2.
2. Press the **▲or ▼** button until the “MODE ASSIGN” menu appears.
3. Press the **▶** button to enter the option; the CH submenu (for example, **◆ CH P LQ >**) appears.
4. Press the **▲or ▼** button to choose the interface that will use the PostScript CARD. (If your desired interface is displayed in step 3, ignore this step).
5. Press the **▶** button to enter the printer mode option. You see the **→** icon, which means the displayed printer mode is currently selected.
6. Press the **▲or ▼** button until the “**◆ PS**” option appears.
7. Press the **▶** button to set the PostScript mode.
8. Press the SelecType button three times to exit SelecType.

The PostScript mode remains in effect until you change the setting or turn off the printer. If you wish to make this setting permanent, use the “P-CONFIG. SAVE” menu in SelecType Level 2. See your printer manual.



### For EPL-7000/7100 users

1. Hold down the SelecType button for several seconds until you enter SelecType Level 2. A SelecType Level 1 option is displayed briefly before the printer enters the Level 2 main menu.
2. Press the **▲** or **▼** button until the “CH CONFIG P,S” menu appears.
3. Press the **▶** button to enter the option; one of the submenus (MODE, I/F, or RX-/BUFFER) appears.
4. Press the **▲** or **▼** button until the MODE submenu appears. If this menu is displayed in step 3, ignore this step.
5. Press the **▶** button to enter the option; one of the options and the  icon appear.
6. Press the **▲** or **▼** button until the “◆ PS” option appears.
7. Press the **▶** button to set the PS option.
8. Press the SelecType button once to exit SelecType.

The PS mode remains in effect until you change the setting or turn off the printer. If you want to make this setting permanent, use the “P-CONFIG. SAVE” menu in SelecType Level 2. See your printer manual.

---

## **Printer Selection Menu**

Now that you have installed the PostScript option in your printer, you can start using it with your application programs.

Most programs let you specify the type of printer you are using from a list of printers in the setup procedure. If your program has a printer selection menu, choose one of the printers listed below. They are listed in order of preference:

EPSON PostScript CARD

EPL-7500

General PostScript Printer

LaserWriter

If none of these printers is available, choose any printer that uses the PostScript language.

---

## Removing the Card

Follow these steps if you need to remove the card:

1. Make sure the printer is turned off.
2. Remove the card by grasping it at the center and gently pulling it straight out.

**Note:** Never insert or remove the card while the printer is turned on.

3. Turn on the printer.

If the CH. (EPL-7000/7100) or the FEED light is flashing, press FEED; the printer then prints one page of data from the buffer.

**Note:** Never remove this card while the printer is on line, in SelecType mode, or while resetting. If you do, a REINSERT CARD, REMOVE CARD, or SERVICE REQ. message may appear on the display. See the section on card error messages in your printer manual.

## Chapter 2

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# Using the PostScript CARD

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### The Control Panel

Your printer control panel operates nearly the same with the PostScript CARD as it does with other emulation modes. This chapter describes the control panel functions.

#### **SelecType button**

Enter or exit SelecType with this button.

#### **FEED button**

Print one page of data by pressing this button when the printer is off line and has data in its memory. Print out all data in the printer's memory by pressing the ON LINE button after you press the FEED button.

#### **RESET button**

Initialize certain printer settings with this button. See your printer manual for details.

#### **CH. light (EPL-7000/7100) or FEED light**

These lights are on when print data is stored in the printer's memory.

---

## SelecType

You can make various printer settings using SelecType. Although normal SelecType functions differ slightly by printer model, the menus added by this emulation are identical for each printer. The following section describes the SelecType menus and explains these additional functions. See your printer manual for more details on other menus.

### SelecType Tables for this Card

Your printer has two SelecType levels : level 1 and level 2. When PostScript is selected for the current printer mode, the level 1 menu changes as described below. However, the level 2 menu does not change.

### SelecType Level 1 Table

menu	(submenu)	function
INPUT* <sup>1</sup>		Selects the input paper path
OUTPUT* <sup>1</sup>		Selects the output paper path
P-SIZE STD* <sup>1</sup>		Sets the paper size set in the standard paper tray
P-SIZE OPT* <sup>1</sup>		Sets the paper size set in the optional paper tray
MISCELLANEOUS		This menu includes following submenus.
	STATUS SHEET	Prints out a status sheet
	START PAGE	Determines whether the start page will be printed or not
	L-OFFSET	Adjusts the horizontal printing position on the paper
	T-OFFSET	Adjusts the vertical printing position on the paper
	PAGETYPE	Sets the print area
	JAM RECOVERY**	Determines whether the jam recovery printing is performed or not

menu	(submenu)	function
(MISCELLANEOUS)	ERR HANDLER	Enables/disables the error handler function
	PAGES	Displays counter of printed pages
	VERSION	Displays the PostScript version
	SAVE LEVEL 1	Saves SelecType level 1 settings
	RES LEVEL 1	Resets SelecType level 1 settings

\*<sup>1</sup> Varies depending on the printer. Also, the paper tray may be called by another term such as “paper cassette.”

\*<sup>2</sup> Ignore this menu item for the EP-7000/7100.

## SelecType level 2

Level 2 menus are not affected by this emulation. See your printer manual.

## Menus for PostScript

This section describes the function of the above menus when the PostScript CARD is installed. See your printer manual for details on menus not shown below.

**Note:**

- Not all menus of the PostScript CARD may be available with your printer.
- If you change the settings, your changed settings are enabled when you exit SelecType.

## **Main menus**

### **INPUT**

AUTO                      Selects the location from which the paper is fed.  
MANUAL                    The type of the paper tray may be called paper  
→ STD                      cassette or lower paper cassette, depending on  
OPT                         the printer model.

AUTO                      Tells the printer to load paper from the paper  
tray containing the size of paper specified by  
the P-SIZE menus. If both paper trays contain  
the specified paper size, the printer loads paper  
from the optional paper tray until it is empty,  
then switches to the standard paper tray.

MANUAL                  Feeds paper from the manual feed paper path

STD                        Feeds paper from the standard paper tray

OPT                        Feeds paper from the optional paper tray

The factory setting is STD.

### **OUTPUT**

UP                         Selects the output paper path. If your printer  
→ DOWN                    has the automatic output paper path control  
feature, you can select the default setting, either  
face up or face down, with this menu.

## **P-SIZE STD (and P-SIZE OPT)**

- A4                      Sets the paper size in the standard (or optional) paper tray. The following paper sizes are available:
  - A5
  - B5
  - GLT                      A4, A5, B5, LT(Letter), LG(Legal), HLT(Half-Letter), EXE(Executive), GLG(Government Legal), EXE(Executive), GLG(Government Legal), GLT(Government Letter), F4
  - GLG
  - EXE
  - F4
- LT                      The factory setting is A4 or LT. (The factory setting varies by printer model.)
  - HLT
  - LG

## **Submenus of the MISCELLANEOUS menu**

### **STATUS SHEET**

If you perform this option, the printer prints out a status sheet showing the PostScript version, font names, the printer's memory size, etc.

### **START PAGE**

- ON**
  - OFF
- Determines whether or not a status sheet is printed when PostScript is selected. If ON, a status sheet is always printed when the PostScript mode is selected. If OFF, the status sheet is not printed when PostScript is selected.



L-OFFSET

from -64 to -1  
→ 0  
from 1 to 63

Makes fine adjustments in the horizontal printing position (left offset) on the page. The setting is in dots; the size of each dot varies depending on the printer. For example, EPL-4100 is a 300-dpi printer, so the dot size is 1/300 inch (0.0846 mm). In this case, you can use this submenu to move the printing on the page approximately 1/5 inch to the left (settings from -64 to -1) or to the right (settings from 1 to 63). The factory setting is 0.

T-OFFSET

from -64 to -1  
→ 0  
from 1 to 63

Makes fine adjustments in the vertical printing position (top offset) on the page. The setting is in dots; the size of each dot varies depending on the printer. For example, the EPL-4100 is a 300 dpi printer, so the dot size is 1/300 inch (0.0846 mm). In this case, you can use this submenu to raise or lower the printing on the page approximately 1/5 inch. The factory setting is 0.

PAGETYPE

→ FULL  
NOTE

Sets the memory area. Your printer maintains a memory area for processing printing data. There are two sizes of memory area. If the FULL option is selected, your printer maintains a large memory area. If the NOTE option is selected, it maintains a small memory area. If you print on LG (legal), GLG (government legal), or F4 size paper, you should expand your printer's memory or the image of your output might be clipped.

## **JAM RECOVERY**

→ **ON**  
OFF

Determines whether or not a page is reprinted after a paper jam is cleared. If ON is selected and a paper jam occurs, the page is reprinted after the jam is cleared. If OFF is selected, the jammed page is not automatically reprinted. You may want to select OFF because complex pages may print faster.

## **ERR HANDLER**

→ OFF  
ON

Enables/disables the error handler function. This function prints out an error report sheet. If ON is selected, PostScript errors are printed on the paper when they occur. If OFF is selected, they are not. This feature can be convenient for programmers using the parallel interface.

## **PAGES**

Displays the printed page counter. The number shown is the number of pages printed since the printer was manufactured.

## **VERSION**

Displays the PostScript version.

## **SAVE LEVEL 1**

Saves the current SelecType level 1 settings.

## **RES LEVEL 1**

Resets the SelecType level 1 settings to their defaults. You can change the default paper size for PostScript mode using this menu.

## Chapter 3

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# Installing Screen Fonts and Drivers

This chapter describes how to install the printer driver/screen font package in the Microsoft® Windows™ and Macintosh™ environments.

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## Windows

To enable you to use your printer with Windows, a set of screen fonts and utility programs is included in this package. The following files are included on your disks:

- ???????.WPD and PRINTERS.INI files, providing special information necessary to match the PostScript printer driver provided with Windows to the PostScript CARD
- An install program for installing screen fonts and associated files
- Windows screen fonts and font-metrics files
- Conversion utilities for Windows (NEWFON.EXE)

If you are using Windows version 3.0 or later, follow the instructions in “Installation for Windows 3.x.” If you are using Windows version 2.x (2.0,2.1, etc.), follow the instructions in “Installation for Windows 2.x.”

## Installation for Windows 3.x

To install printer drivers for Window 3.x, follow these steps:

1. Turn on your computer and start the Windows program.
2. Double click (open) the “Main” group.
3. Double click (open) the “Control Panel.”
4. Double click the “Printers” icon.
5. Click “Add Printer.”
6. Double click “Apple Laser Writer II NT/NTX” in the “List of Printers.”
7. Insert your Windows setup disk according to the message on the screen and press ENTER.
8. Click “Configure.”
9. Click “Setup”
10. Click “Add printer.”
11. Insert the Printer Drivers (MS-DOS™ Format) Disk 1 into Drive A:. Then click “OK.”
12. You see the printer names in the list box. Click your printer name. (If your printer is not displayed, select EPSON PostScript CARD shown at the top of the list.)
13. Click “Add.” You see the message “Installation successful.”
14. Click “Done.”
15. Change the Paper Source, Paper Size, Orientation, or Scaling settings if necessary. Then click “OK” to exit “Setup.”

**Note:** Not all settings can be enabled with every printer.

16. Select the port for your printer.
17. Click “OK” to exit the “Printers-Configure” window.
18. Click “Active” in the “Status” window. This connects the computer to your printer.
19. Double click “PostScript Printer” in the “Installed Printers” list to set your printer as the default.
20. Click “OK” to exit the “Printers” window.
21. Close the “Control Panel.”

Your printer is now installed.

### **PPD files and DIRLIST file**

If you are using application software from Adobe Systems Inc., you may need to install the “?????????.PPD” file. Copy the “?????????.PPD” file to the subdirectory specified by the application software.

**Use** the specified PPD file in the subdirectory of the Printer Drivers (MS-DOS<sup>TM</sup> Format) Disk 1, because the PPD file is prepared for each printer. Read the DIRLIST file in the root directory of the disk to see the subdirectory that includes the PPD file for your printer. If you cannot find your printer’s name in the DIRLIST, use the PPD file in the root directory of the disk.

## Running the screen-font installation program

Note:

- You must install following items before beginning the screen font install program:

Windows

PostScript printer driver (and select it as the default printer)

The install program automatically updates the Windows configuration file and copies screen fonts and related files to the program's directory.

- Although Ventura Publisher font choices appear on the screen, you cannot install the Ventura fonts. They are not included in this utility program.

Select the Windows version you plan to use with your typeface package by following the steps below.

1. Insert the EPSON PostScript™ CARD Fonts (MS-DOS™ Format) Disk 1 in Drive A:. If you are still in Windows, exit to DOS.
2. Type "A:" and press the ENTER key.

3. Type WIN3INST and press the ENTER key again. If your Windows is not installed in the C:\WINDOWS directory, type WIN3INST drive:\path and press the ENTER key. Then the following message appears:

---

Use this batch file to install the EPSON PS CARD screen fonts and font metric files into your Windows 3.x System subdirectory and WIN.INI file.

This batch file will perform the following operations:

1. Make a backup copy of WIN.INI named WIN\_SAVE.INI.
2. Make a working copy of WIN.INI.
3. Run the font installer.
4. Update the WIN.INI file in your Windows directory.

You are expected to supply a path to your Windows subdirectory on the command line. If you do not supply a path, this batch file will use the default Windows directory of C:\WINDOWS and C:\WINDOWS\SYSTEM

If you have not supplied a path on the command line and you did not install Windows using the default configuration, please type Control-C now and restart this batch file.

---

Strike a key when ready...

---

4. Press any key to proceed with the installation. Note that if the WIN.INI file does not exist in the directory c:\WINDOWS, the display shows the above screen again. In this case, press Control-C to quit the installation and restart from step 1 after confirming the directory in which you installed Windows.

5. You see the following on the screen:

---

The font installer asks the following question after this message:

Enter Windows [drive:\directory]: \_

Input C:\WINDOWS\SYSTEM and press ENTER.

---

Strike a key when ready...

---

Then press any key. The Adobe Typeface Package Installation program starts automatically.

**Note:** If you entered your original path for Windows at step 3, the last line is  
drive\path\SYSTEM and press ENTER.

6. At the beginning of the Adobe Typeface Package Installation program, the screen displays the following :

---

ADOBE TYPEFACE PACKAGE INSTALLATION: Version 2.0

---

Welcome to the Adobe Typeface Package Install program. The installation procedure consists of the following steps:

---

- 1) Installation of the Font Metrics.
  - 2) Installation of the Screen Font.
- 

Press any key to continue... \_

---



7. After you press a key, you see this screen.

```

ADOBE TYPEFACE PACKAGE INSTALLATION: Selecting Applications
-----
Select the application(s) you plan to use with your Typeface Package.
-----
_ Microsoft Windows Applications Version 2.0 and later
  Microsoft Windows Applications Version earlier than 2.0
  Ventura Publisher
-----

↑↓ will scroll through available applications
ENTER key will either select or deselect an application
Select; D(o application or Q(uit program
-----

```

Select “Microsoft Windows Applications - Version 2.0 and later” by pressing the ENTER key. Then press D to proceed.

8. Next, you see this screen.

```

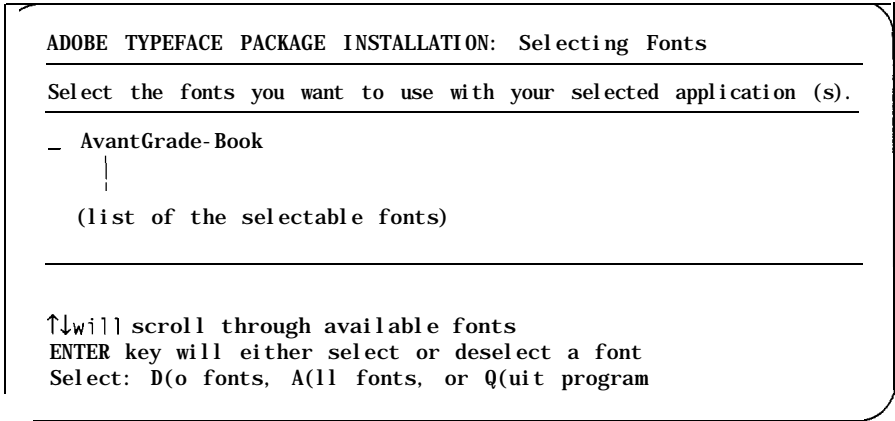
ADOBETYPEFACE PACKAGE INSTALLATION: Installing For Microsoft Windows
-----
In order to make the screen fonts available to MS Windows applications
this program needs to update WIN.INI, your Windows configuration file.
then copy the screen fonts to your Windows directory.
-----
Enter Windows [drive:\directory]:
-----

Press ENTER to accept input
-----

```

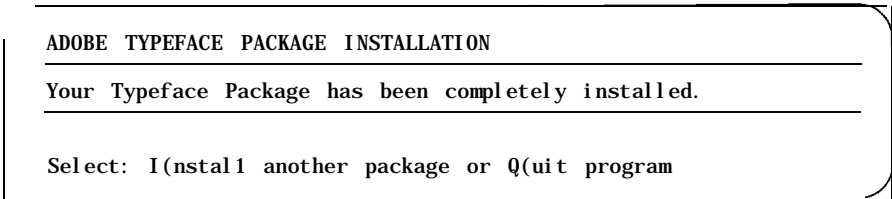
Enter the directory displayed at step 5. After that, several messages are displayed and the following screen is the last. When you are installing Windows 2. xx, enter the directory as requested on the screen.

9. The next screen then appears:



Select the font you hope to install by pressing the ENTER key. After you have selected all of your required fonts, press D to install the fonts. **Or** press A to install all the fonts in this package.

10. After several messages, the following appears:



The installation is finished. Press Q to exit the install program.

## Installation for Windows 2.x

**Note:**

- You must install the following items before beginning the screen font install program:

Windows

PostScript printer driver (and select it as the default printer)

The install program automatically updates the Windows configuration file and copies the screen fonts and related files to the program's directory.

- Although Ventura Publisher font choices appear on the screen, you cannot install the Ventura fonts. They are not included in this utility program.

To fully use your printer in the Microsoft Windows 2.x environment, follow the steps below:

1. Turn on your computer and start the Windows program.
2. Double click the "CONTROL.EXE" file name.
3. Click "Add New Printer" in the "Installation" menu.
4. Insert the Windows setup disk containing the "Apple Laserwriter" or "PostScript" printer driver in Drive A:. Select the driver and click the "Add" button.
5. Confirm the directory for the printer driver and click the "Yes" button. (Normally you would choose the Windows directory.)
6. Click "Printer" in the "Setup" menu.
7. Click "PostScript Printer on None" in the "Default Printer" scroll box. Then, click "OK."

8. Change the Paper Source, Paper Size, Orientation, or other items if necessary.
9. Click “Connections” in the “Setup” menu.
10. Select the port for your printer. If you select a port already being used by another printer, change the other printer’s port setting to none.
11. Click “OK.”
12. Close the Control Panel. The setting process is now complete.

**Note:** You cannot load paper from your printer’s optional paper tray when using Windows 2.x.

### **Running the screen-font installation program**

Select the Windows version you plan to use with your typeface by following the steps below.

1. Insert the EPSON PostScript™ CARD Fonts (MS-DOS™ Format) Disk 1 in Drive A: If you are still in Windows, exit to DOS.
2. Type “A:” at the DOS prompt and press the ENTER key.
3. Type “INSTALL” and press the ENTER key again. Follow the instructions on the install program’s screen. See steps 6 through 10 on pages 3-6 through 3-8.

---

## Macintosh

The files for using your printer with your Macintosh computer are included in the disk labeled EPSON PostScript™ Fonts (Macintosh™ Format) Disk 1.

The “LaserWriter” printer driver and “LaserWriter Prep” convert the printout data to the PostScript format, and the screen font files allow you to see on the screen how fonts look when printed.

### Driver installation

1. Open your computer’s hard disk that includes the System Folder.
2. Insert the EPSON PostScript™ Fonts (Macintosh™ Format) Disk 1 in the drive.
3. Copy the “LaserWriter” driver file and “LaserWriter Prep” file to the System Folder.

**Important Note:** If you are using System 7, use the LaserWriter driver supplied with System 7. (See your Macintosh System 7 user’s manuals for information under “printer driver.”) Do not use the driver provided in this package.

4. If you are using application software from Adobe Systems Inc., you may need to install the ????????.PPD file. Copy the “???????.PPD” file to the folder specified by the application software. The PPD file for your printer is in the folder with your printer’s name. If there is no folder with your printer’s name, use the **PPD** file that appears in the disk window.

5. If you are using application software from Aldus Corporation, such as PageMaker®, you may need to install the “??????.apd” file for your Macintosh computer. Copy the “??????.apd” file to the folder specified by the application software. The apd file for your printer is in the folder with your printer’s name. If there is no folder with your printer’s name, use the apd file that appears in the disk window.
6. Eject the Fonts Disk 1.

**Note:** If you have two paper sources (such as the standard and optional lower paper cassette), use SelecType to select OPTION in the INPUT submenu. Then select “Manual feed” with your software when you want to use the standard tray and select “Paper cassette” when you want to use the optional tray.

## Font installation

1. Insert the EPSON PostScript™ Fonts (Macintosh™ Format) Disk 1.
2. Double click on the Font/DA mover icon. The Font/DA mover lists the currently installed fonts in the current start up system file on the left of the screen.
3. Click the Open button on the right. The Font/DA mover lists the font files contained on the disk.
4. To install the fonts from the Fonts Disk 1, skip to step 7. To install fonts from the Fonts Disk 2, click the Eject button and go to the next step.
5. Insert the EPSON PostScript™ Fonts (Macintosh™ Format) Disk 2.
6. Click the Open button on the right. The Font/DA mover lists the font files contained on the disk.

7. Double click the font file you wish to copy. The Font/DA mover then lists the fonts contained in the font file you selected on the right.
8. Click the font you wish to copy. To select more than one font, hold down on the Shift key while you click the fonts.
9. Click <<Copy>>. When you are installing fonts from Fonts Disk 1, copying begins. If you are installing fonts from Disk 2, follow the directions **on** your computer screen.
10. When copying is finished, click the Quit button to exit the Font/DA mover.
11. Eject the disk.

# Appendix A

---

## The Namer

When you have installed more than one PostScript printer with same name on an AppleTalk network, you can distinguish the printers by using a name that you assign using the Namer. Here are the steps to assign another name to your PostScript printer.

1. Select the "LaserWriter" printer driver using the <Chooser> menu of the system.
2. Insert the EPSON PostScript™ CARD Fonts (Macintosh™ Format) Disk 1 in your Macintosh.
3. Double click the Namer icon to run the Namer.

<p><b>Note:</b> If your Macintosh runs on System 7, use the Namer in the For System 7 User folder of Disk 1.</p>
--

4. Choose the LaserWriter icon from the "Select the type of device renames."
5. Select the printer name you want to change from the "Available LaserWriters."
6. Type the name in the "New name of LaserWriter" box.
7. Click the Rename button.
8. Click the Quit button.



# Appendix B

## Character Tables

	Courier	Zapf Dingbat	Symbol
SP			
!	!	✂	!
"	"	✂	∇
#	#	✂	#
\$	\$	✂	3
%	%	☐	%
&	&	☉	&
'	'	☉	Э
(	(	✈	(
)	)	☒	)
*	*	☞	*
+	+	☞	+
,	,	☞	,
-	-	☞	-
.	.	☞	.
/	/	☞	/
0	0	☞	0
1	1	☞	1
2	2	✓	2
3	3		3
4	4	✓	4
5	5	X	5
6	6	✖	6
7	7	X	7
8	8	X	8
9	9	+	9
:	:	+	:
;	;	+	;
<	<	+	<
=	=	t	=
>	>	†	>
?	?	t	?

	<b>Courier</b>	<b>Zapf Dingbat</b>	<b>Symbol</b>
@	@	⌘	≡
A	A	⊛	Ⓐ
B	B	⊕	Ⓑ
C	C	⊖	Ⓒ
D	D	♣	Ⓐ
E	E	♠	Ⓔ
F	F	♠	Ⓢ
G	G	♠	Ⓘ
H	H	★	Ⓕ
I	I	☆	Ⓘ
J	J	⊛	Ⓖ
K	K	★	Ⓚ
L	L	★	Ⓐ
M	M	★	Ⓜ
N	N	★	Ⓝ
O	O	★	Ⓞ
P	P	☆	Ⓟ
Q	Ⓚ	✱	Ⓢ
R	R	✱	Ⓡ
S	S	✱	Ⓢ
T	T	✱	Ⓣ
U	U	✱	Ⓤ
V	V	✱	Ϛ
W	W	✱	Ω
X	X	✱	Ⓔ
Y	Y	✱	Ⓢ
Z	Z	✱	z
[	[	✱	[
\	\	✱	∴
		✱	
^	^	✱	⊥
	—	⊛	—

**Courier      Zapf Dingbat      Symbol**

	'	☼	
a	a	☼	α
b	b	☼	β
c	c	☼	χ
d	d	☼	δ
e	e	☼	ε
f	f	☼	φ
g	g	☼	γ
h	h	☼	η
i	i	☼	ι
j	j	☼	φ
k	k	☼	κ
l	l	●	λ
m	m	○	μ
n	n	■	ν
o	o	□	ο
P	P	□	π
q	q	□	θ
r	r	□	ρ
s	s	▲	σ
t	t	▼	τ
u	u	◆	υ
v	v	❖	ϖ
w	w	◐	ω
x	x		ξ
Y	Y		ψ
z	Z	■	ζ
(	{	‘	{
		’	
	}	“	}
	~	”	~

	Courier	Zapf Dingbat	Symbol
160			
161	i	♯	Υ
162	ç	•	'
163	£	♥	≤
164	/	♥	/
165	¥	♣	∞
166	f	♣	f
167	§	♣	♣
168	α	♣	♦
169		♦	♥
170	"	♥	♠
171	«	♠	↔
172	<	①	←
173	>	②	↑
174	fi	③	→
175	fl	④	↓
176		⑤	°
177	-	⑥	±
178	t	⑦	"
179	‡	⑧	≥
180		⑨	×
181		⑩	∞
182	¶	⑪	∩
183	.	⑫	•
184		⑬	+
185	"	⑭	≠
186	"	⑮	≡
187	»	⑯	≈
188	∴	⑰	∴
189	∞	⑱	∞
190		⑲	∞
191	ç	⑳	J

	<b>Courier</b>	<b>Zapf Dingbat</b>	<b>Symbol</b>
192		①	ℵ
193	`	②	ℶ
194	´	③	ℷ
195	^	④	ℸ
196	~	⑤	⊗
197	-	⑥	⊕
198	˘	⑦	⊖
199	·	⑧	∩
200	˙	⑨	∪
201		⑩	∩
202	•	❶	∪
203	◦	❷	♀
204	◌	❸	♂
205	ˆ	❹	∩
206		❺	⊆
207	˘	❻	€
208	˙	❼	⊟
209	—	❽	∠
210		❾	∇
211		❿	®
212		➔	™
213		➡	∏
214		↔	√
215		↕	
216		↘	┌
217		➔	∧
218		↗	∨
219		➡	↔
220		➔	⇐
221		➡	⇑
222		➡	⇒
223		⬇	⇓

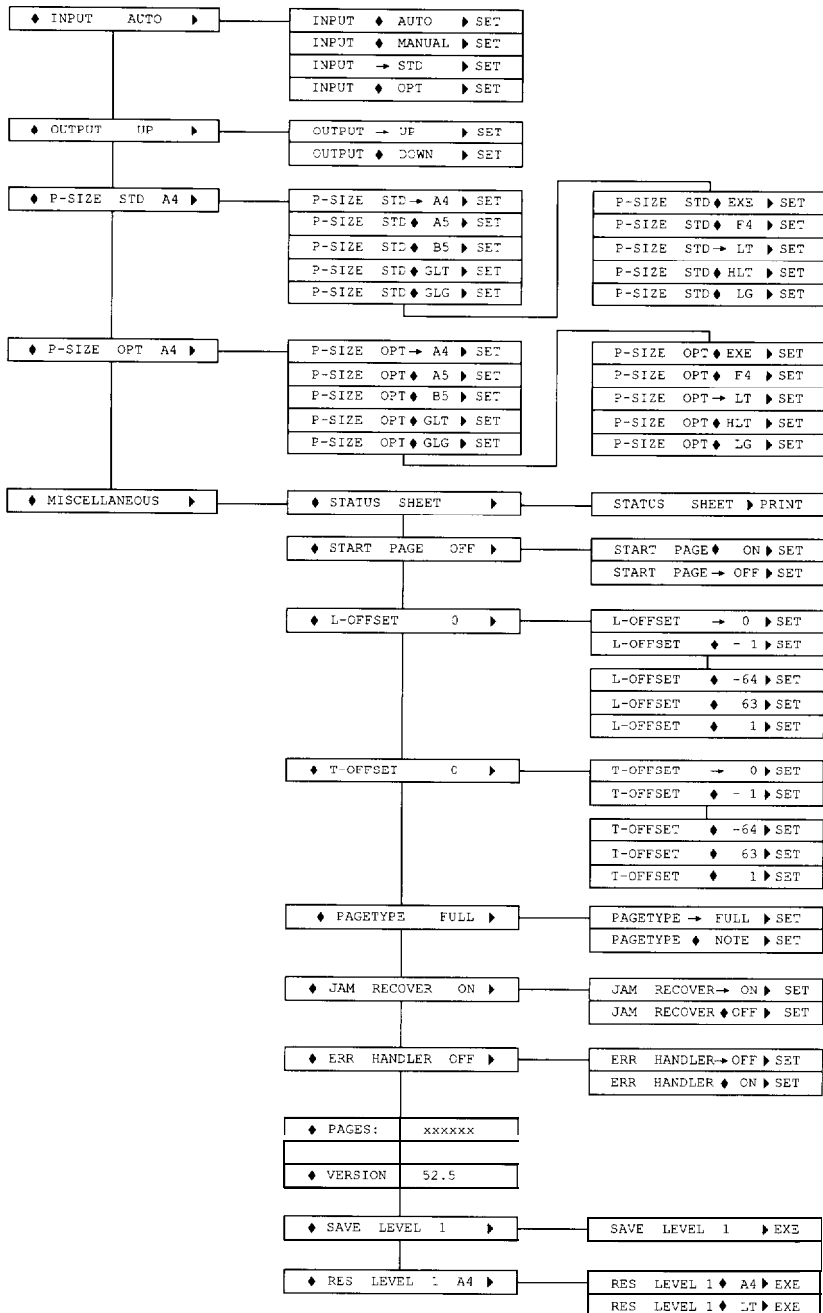
	Courier	Zapf Dingbat	Symbol
224		➡	◊
225	Æ	➡	<
226		➤	®
227	a	➤	©
228		➤	™
229		➤	Σ
230		➤	}
231		➤	
232	Ł	➤	
233	Œ	➤	
234	Ɔ	➤	
235	◊	➤	
236		➤	
237		➤	
238		➤	
239		➤	
240			●
241	æ	➤	}
242		➤	
243		➤	
244		➤	
245	ı	➤	
246		➤	
247		➤	
248	ł	➤	
249	ø	➤	
250	œ	➤	
251	ß	➤	}
252		➤	
253		➤	
254		➤	
255		➤	

## **Built in outline fonts**

Following fonts are available:

- |    |                        |    |                              |
|----|------------------------|----|------------------------------|
| 0  | Courier                | 17 | Bookman-Demi                 |
| 1  | Courier-Bold           | 18 | Bookman-DemiItalic           |
| 2  | Courier-Oblique        | 19 | Bookman-Light                |
| 3  | Courier-BoldOblique    | 20 | Bookman-LightItalic          |
| 4  | Times-Roman            | 21 | Helvetica-Narrow             |
| 5  | Times-Bold             | 22 | Helvetica-Narrow-Bold        |
| 6  | Times-Italic           | 23 | Helvetica-Narrow-BoldOblique |
| 7  | Times-BoldItalic       | 24 | Helvetica-Narrow-Oblique     |
| 8  | Helvetica              | 25 | NewCenturySchlbk-Roman       |
| 9  | Helvetica-Bold         | 26 | NewCenturySchlbk-Bold        |
| 10 | Helvetica-Oblique      | 27 | NewCenturySchlbk-Italic      |
| 11 | Helvetica-BoldOblique  | 28 | NewCenturySchlbk-BoldItalic  |
| 12 | Symbol                 | 29 | Palatino-Roman               |
| 13 | AvantGarde-Book        | 30 | Palatino-Bold                |
| 14 | AvantGarde-BookOblique | 31 | Palatino-Italic              |
| 15 | AvantGarde-Demi        | 32 | Palatino-BoldItalic          |
| 16 | AvantGarde-DemiOblique | 33 | ZapfChancery-MediumItalic    |

# SelectType LEVEL1





**PostScript™ CARD**

**EPSON**

**EPSON**

**EPSoN**