

# Chapter 4 - PC Setup

---

## Chapter Overview

Before You Begin

Installing the XANTÉ Utilities (PC)

Directories on the Utilities Disk

Installing XANTÉ Command Center

Command Center Setup (Windows 3.1 or 3.11)

Command Center Setup (Windows 95)

Windows Setup

Printing the Windows Driver Guide

Installing the Windows Driver for 3.1 or 3.11

Installing the Windows 95 Driver

Setting up the Driver (Windows 3.1 or 3.11)

Installing the PPD for Your Printer

Deleting Previous Driver Versions

Loading Printer Fonts

Setting the Margins

Turning the Start-up Page Off or On

STARTPG.OFF and STARTPG.ON

# Notes

---

## Introduction

---

This chapter covers setting up your Accel-a-Writer 8200 to print in a PC environment. This includes installing the XANTÉ Utilities and Command Center, setting up to print from Microsoft Windows, downloading printer fonts, setting margins, and controlling start-up page printing.

## Before You Begin

---

You should be familiar with standard PC keyboard and mouse (if applicable) procedures such as choosing commands, selecting options, using buttons and boxes, locating files, and scrolling. If you have questions on any of these procedures, see your DOS and mouse documentation.

Once your Accel-a-Writer 8200 is installed, check the README.1ST file in the root directory of the XANTÉ Utilities disk for the PC. Any updates on the printer, the utilities software, or this manual will be covered in this file. It also may have information on new options if any become available after this manual is printed.

## Installing the XANTÉ Utilities (PC)

---

Your Accel-a-Writer 8200 package includes a XANTÉ Utilities disk for the PC. This disk contains printer specific drivers, programs, and PostScript files to help you set up, customize, and troubleshoot your printer in a PC environment.

**Note:** If your PC only supports the 5.25" disks, call XANTÉ at 800-926-8393 in the US or Canada, at 95-800-926-8393 in Mexico, or at 334-342-4846 from other countries for a copy of the utilities on a 5.25" disk.

This section gives you a brief description of the utilities. For details on using the utilities, check the Index and Table of Contents for the specific utilities.

The README.1ST file gives the locations of files on the XANTÉ disk and where to load the files on your hard disk.

You may want to install all the files on your host hard disk. However, if you want to save disk space, the following list gives a brief description of the files to help you decide which ones you need to load.

## Directories on the Utilities Disk

---

Each directory contains specific utilities such as a Windows printer description file, and PostScript setup files. We suggest that you create the same directories on your hard disk so that you can locate the files easily.

### **Main Directory**

The main directory of the PC XANTÉ Utilities disk contains files and subdirectories. This section covers the files. The subdirectories are covered in the following sections.

**ADOBEPS.DRV** is the Adobe PostScript driver for your Accel-a-Writer 8200. Files used by the Installer include the ADOBEPS.HP, DOWN.DLL, DWN.HLP, FONTS.MFM, OEMSETUP.INF, OEMSETUP.MAS, PSINSTDV.EXE, PS\_ENUM.DUP, RUN\_ENUM.DUP and WINDOW.EXE. See the “Windows Setup” section later in this chapter for details on loading the driver.

**README.1ST** contains any updates on the printer, the utilities software, or this manual. You do not need to load the README.1ST file onto your hard disk.

**README.WRI** is Adobe’s readme file for the Adobe Window’s driver. You do not need to load the README.WRI file on to your hard disk.

**XT\_82003.PPD** is a printer description file which provides printer-specific information for use by some applications. See the README.1ST file with the utilities for instructions on installing this PPD file for PageMaker.

If you need assistance working with this file, contact XANTÉ. See “Calling for Technical Support” in chapter 10 for details.

### **PS\_FILES Directory**

This directory contains PostScript files for setting a TCP/IP address, turning the start-up page off and on, checking system parameters, and sending a PostScript end-of-file marker. Read the descriptions of all the files in this directory to determine which files to load to your system.

To load some or all of these files, use the following procedure to make a directory on your hard disk for the PostScript files and to copy the file(s) from the utilities disk.

1. Turn on your PC and go to the DOS prompt.
2. Go to the root directory by typing:

```
CD \ ↵
```

3. Type the following to create a PS\_FILES directory:

```
MD PS_FILES ↵
```

4. Place the utilities disk in drive A and copy the desired PostScript file(s) to the new PS\_FILES directory.

Type the following command exactly as it is shown to load all the PS\_FILES directory files, or substitute the name of the desired file for the \*.\* to load only the desired file.

```
COPY A:\PS_FILES\*.* C:\PS_FILES ↵
```

The following list provides a brief description of the files in the PS\_FILES directory.

**D.PS** is a PostScript file that contains a Control-D (PostScript's end-of-job marker) for use with applications that do not send a PostScript end-of-file.

**INITDSK.PS** is a PostScript file that initializes an external SCSI disk attached to the printer. For more information on this file, see "Initializing a Hard Disk with the PC" in chapter 2.

**PARMDUMP.PS** causes pages to print which list all the system parameters. If you call XANTÉ Technical Support, you may be asked to print this page to check your setup.

**SET\_IP.PS** allows you to set an IP address for TCP/IP networks.

**SETZONE.PS** sets the EtherTalk zone name for the printer. The printer must be restarted (repowered) before the change takes place.

**STARTPG.OFF** disables your Accel-a-Writer 8200 start-up page, so that it does not print automatically when the printer is powered on. You may want to do this to save printer start-up time, paper, and toner. If so, be sure to save a copy of the page for reference and possible troubleshooting.

See "Printing the Start-up Page" in chapter 2 for details on this page and "Turning the Start-up Page Off or On" later in this chapter.

**STARTPG.ON** enables your Accel-a-Writer 8200 start-up page, so that it prints every time you turn on the printer. For more details, see "Printing the Start-up Page" in chapter 2 and "Turning the Start-up Page Off or On" later in this chapter.

**SYSPARMS.PS** causes a page to print which lists the current system parameters (such as memory allocations and timeouts) and tray selections. If you call XANTÉ Technical Support, you may be asked to print this page to check your setup.

# Installing XANTÉ Command Center

---

Your printer package includes a special utility called Command Center. This utility allows you to go through Windows instead of DOS to set up your printer for Novell NetWare. Setup differs for Windows 3.1 or 3.11 or for Windows 95. Both setups are covered in this section. Once Command Center is installed, see your Ethernet manual for instructions on setting up Novell.

## Command Center Setup (Windows 3.1 or 3.11)

---

1. Open Windows 3.1 or 3.11.
2. Place your XANTÉ Command Center disk in drive A or B.
3. Go to PROGRAM MANAGER and highlight FILE.
4. Highlight and click RUN.
5. At the DOS prompt, type A:\SETUP or B:\SETUP, depending on which drive you used in step 1.
6. Click OK. The utility will install itself.

## Command Center Setup (Windows 95)

---

1. Open Windows 95.
2. Place your XANTÉ Command Center disk in drive A or B.
3. Highlight and click RUN.
4. Type A:\SETUP or B:\SETUP, depending on which drive you used in step 2.
5. Click OK. The utility will install itself.

## Windows Setup

---

XANTÉ provides the Adobe PostScript Level 2 driver for use with the Accel-a-Writer 8200 printer. The driver with the PPD is included on the XANTÉ Utilities disk for DOS.

**Note:** The Adobe Windows driver includes a font downloader located under Printer Setup. The downloader is installed automatically along with the Windows driver.

The driver file with the PPD file allows you to select printer functions while using Windows applications. For details on these routine procedures in Windows, see the *Adobe PostScript Printer Driver User's Guide*. How to print this guide is explained later in this section; it also covers installing the windows driver for versions 3.1 or 3.11 and for Windows 95. Setting up the driver for Windows 95 is done during installation. Setting up the driver for versions 3.1 and 3.11 is done separately.

## Printing the Windows Driver Guide

---

The following procedure explains how to print the *Adobe PostScript Printer Driver User's Guide* for Windows 3.1 and 3.11. If you have Windows 95, refer to the Help file in the Driver application.

1. Turn on your PC and go to the DOS prompt.
2. Place the Adobe Windows PostScript Printer Driver disk into drive A.
3. Type the following command (substituting the name of the port you are using for LPT1 if necessary).

```
COPY A:\USERGUID.PS LPT1 ↵
```

After the file downloads the following message appears.

```
1 FILE(S) COPIED
```

## Installing the Windows Driver for 3.1 or 3.11

---

Before you begin installation, be sure to check the Readme file. This file is in the Windows Write format and contains any updates to the driver's documentation.

To install the Adobe Windows driver for Windows 3.1 or 3.11

1. Start your Windows application.
2. Exit from any applications that are running.
3. Insert the Adobe Printer driver program disk into your floppy disk drive.
4. Choose File/Run from the Windows Program Manager.
5. Locate the Command Line box and type

a:\setup

**Note:** If you use a disk drive other than a, substitute that drive's letter for the a in the above Command.

6. Click OK.
7. Click Skip to postpone viewing the Readme file.
8. Click Continue to continue the installation procedure.

**Note:** If the Adobe Printer Driver Setup program cannot copy the files to the WINDOWS/SYSTEM directory because that directory is write protected, it will alert you asking whether to copy the files to your WINDOWS directory. To do this, click Continue.

9. When the copy has successfully completed, click Restart to restart Windows.

The new driver is installed. Before you can select the Accel-a-Writer 8200 in your Windows applications using this driver, you need to set up the driver; skip to "Setting up the Driver for Windows 3.1 or 3.11" later in this chapter.

## Installing the Windows 95 Driver

---

Before you begin installation, be sure to check the Readme file for the Adobe PostScript Printer Driver for Windows. This file is in the Windows Write format and contains any updates to the driver's documentation.

To install and setup the Adobe Windows driver for Windows 95

1. Open Windows.
2. Make sure all programs in Windows are closed and all spooling programs are inactive.
3. Insert the XANTÉ Windows 95 Driver disk into your floppy disk drive A or B.
4. Click START. Then, click RUN.
5. Type the following command in the RUN dialog box (substituting the name of the disk drive you are using if necessary).  
  
A:\setup.exe
6. Click OK. The driver's blue screen appears with a message window asking if you would like to read the readme file now.
7. Click Yes to read the readme file, or click Next to continue installation. If you click Next, when a new screen appears, skip to step 8. If you select Yes, the readme file appears. When you finish the readme file, quit the screen and a new message window appears.
8. Select Yes to copy or No to not copy the setup program to your local disk. We recommend Yes since this allows you to add other printers or update the driver at a later date.
9. Click Next. A new message asks where you want the setup program installed.

10. Click Next to keep the default setting unless you have a good reason for locating the setup program elsewhere. Depending on your system's speed, installation may take several minutes. Then, a window appears where you can designate your printer type and install the PPD.

**Caution:** If you choose to locate the setup program elsewhere, XANTÉ may not be able to supply technical support should you need it.

11. Select your controller type, either Local Printer or Network Printer. If you are unsure, check with your system administrator. Then click Next.
12. Install your printer from the PPD using the following procedure.
  - a. In the Driver's dialog box, select A:\.
  - b. In the Directories dialog box, double click on PPDS.
  - c. In the PostScript Printer descriptions (PPD's) available dialog box, select your printer.
  - d. Click Next. If you selected Local Printer in step 11, skip to step 14.
13. Indicate the queue to be used in Network Path by either typing it in or clicking Browse and locating the queue. If you are not sure of the queue, check with your system administrator. If you get a message that says Not a Win 95 Host, click Next and skip to step 15.
14. Make your local port selection using the following procedure.
  - a. In the Available Ports dialog box, choose the port to which your printer is attached. If you are not sure of the port, check with your system administrator.
  - b. Click Configure Port. Make sure that all options selected (Spool MS-DOS print jobs and Check port state before printing),

15. Locate the Printer name dialog box and select the desired options. This includes the following.
  - a. Leave the default printer name or type in a name you prefer.
  - b. Check Yes if you want the printer as the default for printing.
  - c. Check Yes if you want to print a test page.
  - d. Click Next. The Printer Properties window appears.
16. Select the desired options in the Printer Properties window. If you are in doubt, select the default values for now except for the Device Options where you need to select the printer's installed options. Select your printer specific options.

Your printer is installed for Windows 95. However, you now need to make a few printer changes. To make these changes

1. Open Windows 95 if necessary.
2. Click Start, then Setting, and then Printers. This opens the Printers Control Panel.
3. Highlight the new printer using the right mouse button.
4. Click Properties using the left mouse button. The Printer Properties window appears.
5. Click the Details tab. Then make the following changes:
  - a. Change timeout settings as follows:
    - Not Selected from 15 to 300 seconds
    - Transmission retry from 45 to 900 seconds.
  - b. Click Spool Settings and set Spool Data Format to RAW, and select disable bidirectional support for this printer.

6. Click the PostScript tab. Then, change PostScript output format to PostScript (optimized for portability - ADSC).
7. Select Advanced. When an advanced option window appears select the following:
  - a. Under PostScript Language Level, select PostScript Level 2 Features.
  - b. Under Data Format, select ASCII Data.
  - c. Click OK.
8. Click the General tab if you want to print another test page.
9. Click OK.

The new Adobe Windows 95 printer driver is installed and setup. You can select your XANTÉ printer in Windows programs. The utilities disks user's guide details using the driver (see "Printing the Windows Driver Guide" earlier in this chapter).

## Setting up the Driver (Windows 3.1 or 3.11)

---

To set up the Adobe Windows driver for Windows 3.1 or 3.11.

**Note:** Setting up the printer driver correctly is very important. Incorrect setup could cause the printer to flush jobs.

1. Open Windows.
2. Go to Program Manager and double click the Main Window icon.
3. Double click the CONTROL PANEL icon.
4. Double click the PRINTERS icon.
5. Select 8200D 2014.108 on LPT? (the ? is replaced by the number of the port you are using). Then, click CONNECT.
6. Locate the TIME-OUT (seconds) box and change

DEVICE NOT SELECTED to 300  
TRANSMISSION RETRY to 900.

7. Make sure the FAST PRINTING DIRECT TO PORT is not enabled. Then, click OK.
8. Select 8200D 2014.108 on LPT? (the ? is replaced by the number of the port you are using).
9. Click SETUP. Then, click POSTSCRIPT OPTIONS.
10. Make sure the POSTSCRIPT TIME-OUT VALUES are set to

0 for JOB TIME-OUT-SECONDS  
120 for WAIT TIME OUT SECONDS

11. Make sure that PROTOCOL OPTIONS are set to the following:
  - a. DEFAULT/SERIAL PARALLEL if you are using a serial or a parallel connection.
  - b. OTHER/APPLETALK if you are using Ethernet and connecting the printer on the network via a 10base2 or 10baseT transceiver.
12. Make sure that if you use a Pentium Processor, that PostScript Performance is set to OPTIMIZE FOR SPEED; otherwise set it to OPTIMIZE FOR PORTABILITY.

Now your new driver is set up and ready to use.

## Installing the PPD for Your Printer

---

To access your printer's specific features (such as page sizes), you need to install the PPD (PostScript Printer Description) file for your printer. Use the following procedure to do this.

1. Insert the disk containing the PPD for your printer into a floppy disk drive on your host.

2. Open the Windows Program Manager.
3. Open the Main Group.
4. Open the Control Panel.
5. Double click the Adobe PostScript Printer icon. The Adobe PostScript Printers dialog box appears.
6. Locate the Drivers box and select the drive containing the PPD that you want to install.
7. Locate the Printer Descriptions Available box and select the PPD for your printer.
8. Click Install.  
  
*Note:* You can continue to install PPDs for other printers by selecting them in the Printer Descriptions Available box and clicking Install.
9. Click Close when you have installed the desired PPD(s).

## Deleting Previous Driver Versions

---

Normally, you do not have to delete previous versions of the Adobe PostScript Printer Driver for Windows or any previously installed PostScript Printers. However, if you suspect installation problems, first remove your installed printers from the Printers dialog box in the Windows Control Panel and reinstall them via the Adobe PostScript Printers dialog box which is also in the Windows Control panel.

If after removing and reinstalling your printers, you still experience problems, delete all previous versions of the driver and reinstall your printers using the Adobe PostScript Printers dialog box.

Use the following procedure to delete a previous version of the driver.

1. Exit Windows.

2. From DOS, delete the following files from both your WINDOWS and WINDOWS\SYSTEM directories.

**Note:** Your configuration may not include all these files, but you need to delete the ones that are there.

\*.EBF

\*.PPB

\*.PPD

\*.PFM (delete the \*.PFM files only if you did not place them here using the ATM control panel or a font installation program)

ADOBEPS?.\*

RUN\_ENUM.\*

PSINSTDV.EXE

WINDOWN.EXE

PS\_ENUM.\*

DOWN.DLL

DWN.HLP

3. Restart Windows.

4. Use Notepad or another ASCII text editor to delete the following entries from the WIN.INI file in the WINDOWS directory. *Only* delete the lines indicated by notes in the right column; the other lines are to help you locate the entries

```
[<printer_name>, <port>]                <<<Delete this line  
PrinterName=<printer_nickname>         <<<Delete this line
```

```
[devices]  
<printer-name>=ADOBEPS, <port>         <<<Delete this line
```

```
[PrinterPorts]  
<printer_name>=ADOBEPS, <port>, 15, 45, ... <<<Delete this line
```

If the device= line in the [windows] section of the WIN.INI file refers to AdobePS, delete that line also.

## Loading Printer Fonts

---

Included on the Adobe Windows driver is a font downloader located under Printer Setup. The fonts can be downloaded to the printer's memory or to an external hard disk drive. Once the font is downloaded you can use it as a resident font within your applications.

Fonts downloaded to an external hard disk survive a power cycle. Fonts downloaded to printer memory only last through the current power cycle.

**Caution:** Downloaded PostScript fonts use the printer's virtual memory. If a document generates a PostScript error after the fonts have been downloaded, it may be due to insufficient memory. In this case, it may be necessary to download the font to an external hard disk, to remove unused fonts from RAM, or to add RAM to the printer.

## Setting the Margins

---

On rare occasions, when a new Accel-a-Writer 8200 is installed, the printable area of the page needs to be adjusted. If this is the case, you can make minor adjustments using the XANTÉ Command Center X•ACT feature in the Controller menu.

Printer margins refer to the imageable area and not margin settings in an application. You must *always* align the printer's margins after using XANTÉ's Accurate Calibration Technology. See "Calibration Technology" in chapter 7 for details.

## Turning the Start-up Page Off or On

---

The printer's factory default setting is to print the start-up page whenever the printer is turned on. You can save printer start-up time, paper, and toner by not printing this page. However, you may want to print it to check printer settings. If you disable this feature, be sure to save a copy for reference.

You can disable or enable start-up page printing by using the front panel or by downloading the utility files STARTPG.OFF and STARTPG.ON files. This section covers using these utility files. To use the front panel, see chapter 5, "Configuration."

## STARTPG.OFF and STARTPG.ON

---

Use the following procedure to disable or enable the start-up page printing feature.

1. Make sure your printer and host are powered on and you are at the DOS prompt.
2. Go to the PS directory on the XANTÉ Utilities PC disk where STARTPG.OFF and STARTPG.ON are located. (Or, if you loaded the files on your system, go there.)

3. Send either the STARTPG.OFF or STARTPG.ON file using the following procedure to disable or enable the start-up page.

To do this, use the following procedure, substituting either STARTPG.OFF or STARTPG.ON for <filename> in the command line. Also, if you use a port other than LPT1 or COM1, substitute the 1 in the port name with the number of the port used.

Type either

```
COPY <filename> LPT1 ↵
```

to download the desired file to the printer over the parallel interface, or by typing

```
COPY <filename> COM1 ↵
```

to download the desired file to the printer over the serial interface.

After the file downloads, the following message appears.

```
1 FILE(S) COPIED
```

◇◇◇

