



Tech Info Library

LaserWriter: Using it with an IBM PC XT and Microsoft Word 2.0

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Security: Everyone

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This configuration does NOT support Diablo 630 Emulation on the LaserWriter;
to use the IBM PC XT with the LaserWriter, search this database for
"SUPERSPOOL".

I. IBM PC XT

1. Memory: 256K
2. Serial Interface: RS-232
3. Disk: DOS Version 2.1 or a further revision
 - A. DOS 2.1
 - B. DOS file: MODE.COM
4. Disk: Microsoft Word Utilities
 - A. File: MSSETUP.PS
 - B. File: APPLASER.PRD
5. Disk: Microsoft Word Version 2.00 (for IBM)
 - A. Copy onto this disk the file "APPLASER.PRD" from the Microsoft Word Utilities Disk.
6. File: Boot file
 - A. This file must be on either of two disks:
 1. On the program disk for Microsoft Word Version 2.00 for IBM. Copy onto this disk the file "MSSETUP.PS" from the Microsoft Word Utilities disk and the file "MODE.COM" from the DOS disk.

or

2. On a separate "boot" disk to precede the Microsoft Word program disk. To create this separate boot disk, either:
 - a. Make a duplicate disk of DOS 2.1 and copy onto this duplicate disk the file "MODE.COM" from DOS and the file "MSSETUP.PS" from the Microsoft Word Utilities disk.
 - or b. Format a disk by issuing the command "/S" and copy onto this disk DOS 2.1, the file "MODE.COM" from DOS, and the file "MSSETUP.PS" from the Microsoft Word Utilities disk.
- C. Load drive A of the IBM PC XT with the program disk from step 4.A.1 or boot disk from step 4.A.1.a or 4.A.1.b.
- D. Power on the IBM.
- E. Type the following lines. They will be the boot file. The lines are:

```
copy con autoexec.bat.  
mode com1:9600,n,8,1  
copy mssetup.ps com1:
```
- F. Hold down the Control Key and type "Z". Then touch the Return key. This closes the boot file "autoexec.bat" and copies it to the diskette in drive A.

II. The Connection

1. Turn off the Laserwriter.
2. DISconnect AppleTalk.
3. Get a standard 25-pin RS-232 cable and a modem eliminator cable.
4. Connect the standard RS-232 cable to the IBM PC XT communication port 1.
5. Connect the modem eliminator cable to the free end of the RS-232 cable.
6. Connect the the free end of the modem eliminator cable to the 25-pin connector on the Laserwriter.
7. If the IBM PC is on, power it off. Then turn it back on. This power off and on is necessary when the communication port is being used.

III. Laserwriter

1. Set the Mode Switch on the Laserwriter to 9600.

IV. Initializing the Laserwriter and IBM PC XT for operating Microsoft Word

1. Turn on the LaserWriter; it will print a page at start up as a test document.
2. Insert the disk with the boot file in drive A of the IBM PC XT.
3. Boot the IBM PC XT.
4. The LaserWriter will print "Ready for Microsoft Word Output".

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