



# Tech Info Library

## LaserWriter IINT: Problems Printing from WordPerfect

Article Created: 4 April 1991

Article Last Reviewed:

Article Last Updated:

TOPIC -----

I have an IBM Model 60 server and two Model 70/386 workstations tied together with IBM Token-Ring hardware and cables. Server and workstations run IBM LAN Program 1.03 and LAN support program. WordPerfect 5.1 LAN version runs on the server. The workstations have devices attached to the serial ports. The server is connected to the LaserWriter IINT through a serial cable. The spooler runs on an IBM-LAN program. Our LaserWriter IINT is in standard LaserWriter mode, not Diablo mode.

Printing from WordPerfect (through the parallel port) works unevenly. After printing a while, it quits. I noticed that when I send a simple one-page document to the LaserWriter IINT, the green "working" light blinks for a couple of minutes and then goes out.

WordPerfect support told me to print a file called "ehandler.ps" (provided by WordPerfect) to the printer (from DOS). He said this would print error messages when a PostScript job did not work satisfactorily.

I sent the ehandler.ps file to the printer, and the job printed fine. Afterwards, a sheet printed that said "Error: timeout" and indicated that the command that had failed was "timeout." Although I can print one-page jobs okay, longer jobs don't print properly; they only generate an error sheet.

What do I need to set or change?

DISCUSSION -----

We have three things for you to try:

- 1) Temporarily disable the spooler to see if there is a problem with the communication between it and the printer.
- 2) Verify the correctness of the cable. Here are the correct pinouts for both a DB-9 and DB-25 cable to the LaserWriter II.

IBM PC/AT DB-9		LaserWriter DB-25
(RXD) 2	-----	2 (TXD)
(TXD) 3	-----	3 (RXD)
(DTR) 4	-----	6 (DSR)
(SG) 5	-----	7 (SG)
(DSR) 6	-----	20 (DTR)

IBM RS-232 Serial (DTE) (DB-25 Female Connector)	LaserWriter / LaserWriter Plus (DTE) (DB-25 Male Connector)
-----------------------------------------------------	----------------------------------------------------------------

2	-----	3
3	-----	2
5	-----	4
6	-----	20
7	-----	7

3) Verify that the LaserWriter's DIP switches are correctly set. They should be: 1 up and 2 down (9600 bps and PostScript).

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 7560