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LaserWriter Pro 630: PC Cable Pinouts and Settings (8/94)

Article Created: 1 August 1994

TOPIC --

I have a LaserWriter Pro 630 connected to a Macintosh using LocalTalk and to an
IBM PC using the Serial Port. The LaserWriter Pro 630 is set to Postscript
LocalTalk and Postscript Serial 9600,n,8,1,X-ON/X-OFF, Binary. This setup has
worked but after being switched off, seems to somehow have lost it's settings.
The LaserWriter Pro 630 won't produce a test print with the Serial cable
connected. If the cable is disconnected the LaserWriter Pro 630 starts up and
produce a test print. I can also print from the Macintosh without problems.
However, once the cable is reconnected, the Macintosh computer loses connection
to the LaserWriter Pro 630 and the green light constantly flashes.

DISCUSSION ---

The problem is most likely in the serial cable that connects the PC to the DB-9
port of the LaserWriter Pro 630. If the pinouts are not correctly mapped, then
the printer behaves as you described -- flash the green ready light and not
print the startup page. Here are the pinout requirements for the cable:

```
        IBM PC/AT                 LaserWriter
         DB-9                        DB-9

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        (RXD) 2    --------------    3   (TXD)
        (TXD) 3    --------------    2   (RXD)
        (DTR) 4    -------------     6   (DSR)
        (SG)  5    -------------     5   (SG)
        (DSR) 6    -------------     4   (DTR)
```

In terms of the communications settings, we would suggest thumbwheel switch
setting #9 on the LaserWriter Pro 630. It's default parameter set is for
PostScript serial 9600, n,8,1,XON/XOFF, binary.

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Keywords: <None>