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LaserWriter IIg: Troubleshooting Macintosh and IBM Connections

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TOPIC -----

Here is a basic outline to use when troubleshooting a LaserWriter IIg when connected to both a Macintosh and an IBM. If the configuration is IBM only, you may ignore the "Verify Connection to the Macintosh" section.

DISCUSSION -----

Verify Connection to the Macintosh

- 1) Hook up the printer to the Macintosh using two known good LocalTalk boxes and cable.
- 2) Set the select switch to 0 and turn on the printer.
- 3) In the Chooser, select the printer (If you can't see the printer, you have a hardware problem).
- 4) Try printing a window from the desktop.

If this works, the printer is OK.

Verify IBM Connection

- 1) Use a Null-Modem Cable that connects from the IBM to the IIg.
- 2) Leave the connect switch set to 1, this will set up the DB-25 Serial port to 9600 Baud, HP Emulation.
- 3) Issue the proper Mode commands:

```
MODE COM*:96,n,8,1,p (Where * is the number of the COMM PORT.)
```

```
MODE LPT1:=COM*
```

- 4) From DOS, not from Windows, perform the following:

```
Type CTRL-P (This will direct further output to the LPT device.)
```

Type DIR followed by a RETURN.

Type CTRL-L (This sends a form feed command to eject the page.)

Type CTRL-P (This will redirect the output to the screen.)

You should see the light of the LaserWriter IIg blinking, and then it should produce a printout of the directory of the computer.

If you don't get output at this point, you have a hardware failure. This can be either in the Printer, Cable or Computer.

If the printer does produce a printout, but you can't get the output to work with Windows, then you have a software configuration issue.
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