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LaserWriter Pro 810: Fonts Are Not Downloaded From HD (8/94)

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TOPIC -----

A third party hard drive is attached to our LaserWriter Pro 810. The LaserWriter Utility recognizes the hard drive and lists the fonts on the drive, however fonts from this drive are not used during the printing process. Fonts from the Macintosh computer are still downloaded to the printer.

DISCUSSION -----

There are no formal lists for compatibility between the LaserWriter Pro 810 and third-party manufactured SCSI hard drives, but there are three major requirements of when these drives are connected to Apple printers:

1. They must provide SCSI terminator power. For the 810, it must supply 5 volts DC to the SCSI line.
2. They must be able to report to the printer what size volume it is. This is done using the SCSI command "Mode Select."
3. The drive must support the SCSI "Unit Attention" command.

Some other things to check are:

- A gray terminator is being used on the external hard disk.
- SCSI ID is set to any number from 1 to 6.
- Use the LaserWriter Utility 7.6.2 to initialize the hard drive. This utility is available on AppleLink and other online services Apple posts software updates on.

We have connected a couple different hard drives to the LaserWriter Pro 810, and have had no trouble accessing TrueType or Type 1 fonts downloaded to the drive. The hard disks we've tried are an Apple 20SC, Quantum LPS 40, and Quantum LPS 80.

Please verify that all of the conditions above are met. We would also suggest contacting the drive manufacturer to verify compatibility with the LaserWriter Pro 810.

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