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Performa 600, Macintosh IIVx: SCSI ID and Termination

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Performa 600, Macintosh IIVx: SCSI ID and Termination

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TOPIC -----

I have a Performa 600 with the internal AppleCD 300i and an external LaserWriter SC.

- 1) What is the SCSI ID setting for the internal AppleCD 300i?
- 2) How is the internal AppleCD 300i terminated (it already has two internal SCSI devices)?
- 3) What is the termination procedure for external devices? With a terminator on the LaserWriter SC, the system would not start. Without the terminator, the system worked. Does this mean that external devices are not the last SCSI devices on the chain?

DISCUSSION -----

- 1) The SCSI ID of the internal AppleCD 300i in the Performa 600 and the Macintosh IIVx is "3".
- 2) The Performa 600 and the Macintosh IIVx provide on-board SCSI termination when no external SCSI device is connected to the DB-25 connector. Once an external SCSI device is plugged into the SCSI port, you need to add a SCSI Terminator on the last device in the external SCSI chain

SCSI ID has nothing to do with termination or where the device is in the SCSI chain. You can have the SCSI ID set to 1 and have it be the last device on the chain -- and it will work.

- 3) We have seen occasional problems like this when connecting SCSI devices on the SCSI bus. SCSI termination seems at times more art than science. The basic answer is: If it works, then it's OK to leave it that way. If more

devices are added to chain, then you will more than likely need to add a terminator.

Other workarounds are:

- Start up the Macintosh before powering up any SCSI devices.
- Double-terminate the SCSI bus, using platinum terminators. CAUTION: Do not use two black (Macintosh IIfx) terminators, as this may damage the SCSI device or logic board.

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