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Macintosh LC 500 series: Sound Degradation Troubleshoot (11/95)

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TOPIC -----

The sound on a Macintosh LC 575 seems a bit scratchy of late. What could be causing this?

DISCUSSION -----

The logic board of the some Macintosh systems slides into a large connector, which is susceptible to corrosion that can affect this connection. Affected systems are the LC 475, 520, 550 and 575, and the Performa 550, 560, 575, 577, and 578.

If the sound drops out or is otherwise distorted, remove the logic board and clean the connector on the logic board itself. Follow all ESD precautions so the logic board is not damaged. Use a mild abrasive, such as a pencil eraser, to clean the contacts.

The speaker connection to the Analog board can come loose. Apple certified technicians should remove the analog board from the LC 500 and check the small silver speaker wire connectors that clip on to the chassis. Over time, these connectors can loose tension and fail to make solid contact with the analog board. To return tension to the speaker wire connectors, bend them slightly upward towards the rear of the computer. This will insure a solid connection when you reinstall the analog board. Clean the contacts if they are corroded.

Should the problem persist, check for other possible causes such as software. Replace the logic board if the problem persists.

Article Change History:

03 Nov 1995 - Added LC 500 & silver speaker wire.

18 May 1995 - Added all affected model numbers to improve searchability.

01 Feb 1995 - Changed access, added more troubleshooting steps.

Support Information Services

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