Macintosh IIsi: Cure for Lost Sound

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TOPIC ----------

Some customers have reported that they lose sound on the Macintosh IIsi at low sound levels. Often they indicate that it can be restored by resetting the sound level to the highest setting.

The two most likely reasons that sound is lost are:
• Degraded connection between the speaker and the logic board.
• Application software problems.

Below is a suggestion for possible maintenance that will minimize the connector issue. If a customer has a software-related problem, this information would not be of help.

DISCUSSION ----------

Caution: This is not an official Apple statement, but a suggestion.

In a Static safeguarded environment:

1) Remove and carefully clean contacts on the speaker assembly AND the logic board.

   Note: Before you start cleaning the contact be sure to note the angle of the speaker contacts. While cleaning the contact fingers will likely be bent downward which could result in a "soft" physical contact.

   Remove all oxidation by rubbing gently with a pencil eraser, then carefully wipe clean of any residual eraser particles using a clean cloth.

2) Carefully bend speaker assembly contacts upward to increase contact pressure.

3) Apply Stabilant 22-A to both the speaker contacts and the contacts on the logic board. (Information on Stabilant 22-A can be found in the Tech Info Library.)

The only other option is to replace the speaker assembly and the Logic board to ensure good contact. This would be very expensive for a customer out of warranty. The "cleaning fix" is much more practical even if it must be done periodically.

The bottom line is that piece parts and components wear over time and this may be a case that requires more maintenance than usual.

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