



NOTE 19

PCI EXPRESS (PCIe) ERRATA – PCM AUDIO BREAKUP

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1.1 What

This errata arises due to the poor audio playback performance of the XIO2000 PCIe-to-PCI bridge used on certain revisions (see below) of AudioScience PCIe audio adapters.

1.2 Symptoms

The symptom is intermittent audio breakup when playing many channels of 32-bit PCM audio.

1.3 Applies To

This errata applies to any of the following PCIe adapters having more than 6 streams of stereo 32-bit PCM playback active at once:

- ASI66xx Rev D and earlier
- ASI56xx Rev D and earlier
- ASI6316 Rev E and earlier
- ASI53xx Rev E and earlier

1.4 Workaround

The workaround is to restrict playback of many audio channels to 16-bit PCM audio format when using the adapters listed above.

1.5 Resolution

The issue has been resolved in later revisions of the adapters:

- ASI66xx Rev E and later
- ASI56xx Rev E and later
- ASI6316 Rev F and later
- ASI53xx Rev F and later

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