



HogPC MIDI Technical Note

Issue

There is a problem affecting certain sound cards with the reception of Midi Show Control Messages for Hog PC.

This problem occurs on PCs with Windows 2000 and Windows XP that are using the built in Windows sound card drivers.

Symptoms

It is possible to receive Midi Show Control messages via a PC sound card that has a midi port. On affected PCs, Hog PC receives multiple copies of the same message. This is often not noticed as in normal use MSC messages are discrete and so the same message will not action a new cue. If a non-discrete (non cue specific) message is sent however this can "Go" multiple cues.

Because this error does not occur on the same hardware when running Windows 98, which has different drivers we can surmise that the problem is with the driver supplied by Microsoft, something which we have no control over.

Resolution

The simplest and most effective solution is to use a separate USB midi input device. These devices are inexpensive and can in many cases be bought on-line. They offer flexibility and reliability.

We have tested:

Midiman USB Midisport 2x2

Midiman USB Midisport Uno

Rob Fowler, 9/7/03