



USING PALLADIUM WITH NON-MIDI MIXERS

issue 01, 23rd May 2008

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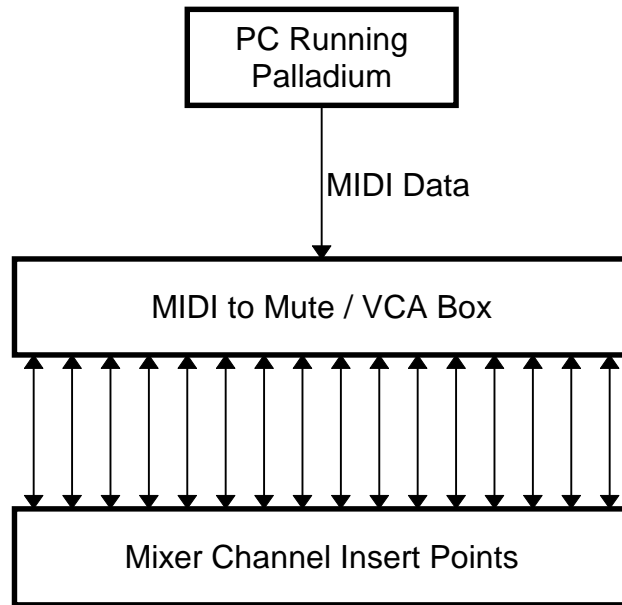
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1. Introduction

This document provides a brief introduction to using Palladium in conjunction with audio mixers which are not MIDI enabled. Since there are a huge number of such mixers in existence today, this document is written in general terms without too much reference to any one specific mixer.

2. Using a MIDI to mute / VCA box

This approach utilises a MIDI to mute / VCA box connected to the mixer's channel insert points. These boxes were quite popular in the home recording studio market a few years ago, but their use has diminished with the advent of PC based multi track audio editing software. Manufacturers who made such units included L.A.Audio, Niche, Cad & Mackie to name a few. These units often appear on eBay today, and can sell for as little as \$50. The diagram on the next page illustrates how such a unit would be used with Palladium and a non-MIDI mixer.



3. Using a MIDI to relay box

This approach is similar to the above except that relays are used to provide the mute function. A bonus of this approach is that if you have more relays available than mixer channels, you can then use the spare relays to provide other functions such as triggering CD playback or providing tallies. A number of manufacturers make MIDI to relay boxes, including Midi Solutions. CH Sound Design will also be releasing a 36 channel unit in the near future.

However, if you are skilled with a soldering iron, a variation on this approach is to wire the relays directly to your mixer's channel mute buttons rather than using the channel insert points. This has the advantage of providing visual feedback to the sound operator, assuming your mixer has LEDs to indicate the mute status of each channel. A further advantage is that the channel insert points are then available for other purposes.