

Controlling Output Transients on the **PM1 Power Multiplexer**

The PM1 is designed to act as an electronic switch box between a power amplifier and a bank of audio speakers. If the output channels of the PM1 are open-circuited or the impedance of the speakers is high (32 ohms or more), transients may appear on outputs that are switched.

To avoid this condition do the following:

1. Connect only low-impedance speakers (4 or 8 ohm) to the PM1 outputs.
2. If you must connect PM1 outputs to high-impedance device (e.g. amplifier input, oscilloscope, etc.), make sure to include a low-impedance load (eg. 8 ohm power resistor) in parallel with the device.