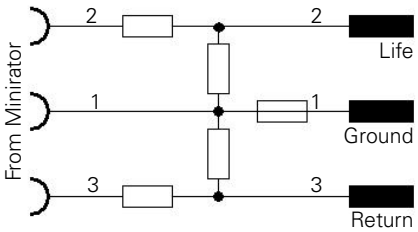
Minirator

-40dB Adapter

The Minirator -40 dB Adapter can be utilized to generate high quality microphone level signals. It increases the signal-noise-ratio for low level Minirator signals by -40dB.

You may use the adapter in conjunction with the Minirator MR2 or MR-PRO. The impedances of the adapter are matched for this use only! For safety reasons the adapter includes a pin 1 - fuse.



Technical Specifications

Attenuation:	40 dB +/- 0.3dB
Output impedance:	Balanced: 200 Ohm Unbalanced: 100 Ohm
Balance mismatch:	< 1%

Application Example

A low noise signal leveled at -40dBu is required substituting the mic signal. The THD+N of the generated Miniratorsignal without adapter is e.g. 54dB @ -40dBu. For an improved signal-noise-ratio you may plug the -40dB Adapter into the Minirator output and adjust the displayed level to 0dBu. The resulting level at the adapter output is -40dBu with an improved signal-noise-ratio, which is below the residual noise of high-end audio analyzers!!!

Pin 1 - fuse

In case of any accidentally wrong wiring using pin 1, high current to ground may flow in case the Minirator is connected to ground. The installed pin 1 fuse opens thermally in such cases and closes after cooling down time again.