



Minirator -40dB Adapter



Minirator -40dB Adapter

Thank you for purchasing the Minirator -40dB Adapter! This attenuator 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.



The output impedance of the Minirator -40dB adapter is 200 Ohm balanced.

Application Example:

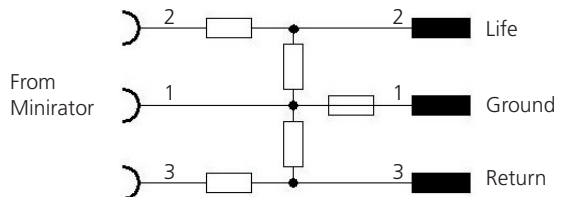
A low noise signal leveled at -40dBu is required substituting the mic signal. The THD+N of the generated Minirator signal without adapter is e.g. 54dB @ -40dBu. For an improved signal-noise-ratio you may plug the -40dB Adapter into the Minirator output and adjust the displayed level to 0dBu. The resulting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

Technical Specifications:

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

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.



NTI AG, Im alten Riet 102, 9494 Schaan, Liechtenstein
Tel. +423 / 239 60 60, Fax. +423 / 239 60 89
e-mail: info@nti-audio.com