

# Adapter -20dB



Thank you for buying the Adapter -20dB ! This device extends the XLR input range of your Minilyzer or Acoustilyzer up to +40dBu.

Use the adapter only in conjunction with the Minilyzer or Acoustilyzer. The impedances of the adapter are matched for this use only! For safety reasons the adapter includes a pin 1 - fuse.



**Never stack adapters to measure levels higher than +40dBu!**



**Never connect the adapter to mains voltage!**

## Usage:

Connect the adapter directly to the XLR input of the Minilyzer, as shown on the picture.

## Technical Specifications:

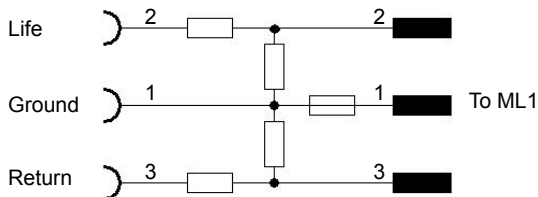
Attenuation: 20 dB  
Initial accuracy: +/- 0.05dB (aging < 0.02dB @1000h full load)

Fuse protection: < 60Vpp at pin 1  
Input impedance: Bal.: 40kOhm Unbal.: 20kOhm  
Balance mismatch: < 0.2%

Max. input voltage: Bal.: +40dBu 77.5VRMS 218Vpp  
Unbal.: +34dBu 38.9VRMS 108Vpp

### Pin 1 - fuse:

The way to safely test any power amplifier output is to connect the speaker + and - terminals to the balanced XLR pins 2 and 3. In case of any accidentally wrong wiring using pin 1, high current to ground may flow if the ML1 is connected to ground, e.g. through the MiniLINK PC interface. The installed pin 1 - fuse opens thermally in such cases and closes after cooling down time again.



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