



LISTENINC

SoundConnect™ Microphone Power Supply and Amplifier

SoundConnect is a microphone power supply and pre-amplifier designed for use with the Listen SCM microphone and also compatible with reference microphones from other manufacturers including B&K and GRAS. Its switchable polarization voltage (0, 28, 200V) allows it to be used with both traditional and pre-polarized versions of these microphones.

SoundConnect extends the dynamic range of your measurement system by as much as 80 dB from 2.5 μ Vrms to 50 Vrms. This offers a better signal to noise ratio for your measurements and therefore greater accuracy. It also offers two signal attenuation settings to avoid clipping with high-level signals.

A stepped level indicator simplifies gain-setting by offering clear visual feedback of the signal level. Cascaded attenuator and amplifier stages ensure amplification linearity with a minimum of noise and distortion. This is particularly useful for measuring low sensitivity microphones, self-noise, and transducer distortion.

SoundConnect features a LEMO input connector, making it compatible with most measurement microphones. It also has a BNC line in, a BNC output, and an RCA output, simplifying connectivity to a SoundCheck system. Its housing is a rugged all-metal construction that can be used in either a horizontal or vertical orientation, making it suitable for harsh production environments as well as the R&D laboratory.

SoundConnect is made in the U.S.A. and is designed to UL and CE requirements.



SOUNDCONNECT™ has all the functionality that you need in a microphone power supply

Specifications

- Full performance from Brüel & Kjær & compatible microphones and preamplifiers
- Traditional B&K 7-pin preamp socket or LEMO connector
- Preamplifier supply: ± 14 V dual or 120 V single
- Direct and microphone preamp input with 0, 28, or 200 V polarization voltage
- Selectable gain from -20 dB to 60 dB ± 0.15 dB
- Input Noise: 1.8 μ Vrms (A-weighted)
- Output peak level meter with overload indication
- Output range attenuator to adjust output to common data acquisition boards
- AC Power: 115/230 V (50-60 Hz)
- Dimensions:
 - Height: 5.5" (139.7 mm)
 - Width: 2.5" (63.5 mm)
 - Depth: 7.5" (190.5 mm)
- Weight: 2 lb. (910 g)