



# SC-22

ORDERCODE D1522



**SHOWELECTRONICS FOR PROFESSIONALS**

## SC-22 PHANTOM POWERED DIRECT BOX



The SC-22 is designed to provide lasting value and usefulness. It is intended for sending unbalanced signals (up to +40 dB) to a mixing console or other professional input devices. The unit has no transformer, so stray field pickup is nonexistent. The SC-22 is powered by standard microphone Phantom power from 9-48 VDC and uses discrete low-noise differential drivers to make it very quiet. The unit has two 1/4" input jacks wired in parallel, a male XLR output jack, a ground-lift switch, and a three position attenuator switch.

### DESCRIPTION

**INPUTS :** Two 1/4" unbalanced jacks wired together in parallel. For connection to line or instrument level signals.

**OUTPUT :** One male XLR jack for connection to a mixing console or other input devices carrying Phantom power.

**ATTENUATOR SWITCH :** Decreases the input signal by the indicated amount. At 0 dB the signal is not attenuated, at the 20 and 40 dB settings, the signal is dropped by the amount.

**GROUND-LIFT :** Removes the ground connection of the 1/4" and XLR jacks from the chassis ground.

### INSTALLATION

In order for the SC-22 to function it must be connected to a microphone Phantom power source with a balanced XLR cord. The input may be anything from a speaker source such as a music amplifier, VCR or projector, to an instrument such as a guitar or High-impedance microphone. Care should be taken to overdrive the SC-22 or there will be a distorted sound from the unit. Use the lowest attenuator setting that gives distortion free sound. The ground-lift switch should be in the position that yields the lowest noise.

### SPECIFICATIONS

Input Level :	-10 to +40 dB unbalanced
Output Level :	-10 to +2 dB balanced XLR Male (pin 2+)
Bandwidth :	1Hz - 50kHz
S/N Ratio :	100dB
Jacks :	(2) 1/4" phone, (1) XLR male
Controls :	Attenuator switch, Ground-lift switch
Power :	9-48 VDC Phantom powered
Size :	95 x 73 x 40 mm (LxWxH)
Weight :	290 g



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