



Owner's Manual

Revision 1.0

Description

The SE-5 is a passive guitar speaker emulator and load box. The input is the speaker output of a guitar amplifier, and the output is a line or mic level filtered signal that emulates the sound of a guitar speaker cab. There is an internal dummy speaker load for amplifiers up to 5 watts and a Thru jack to connect speakers or dummy loads for amplifiers rated at more than 5 watts.

Inputs and Outputs

IN: This ¼" mono jack is used to connect to the speaker output of a guitar amplifier. A speaker cable must be used for this connection.

OUT: This ¼" mono jack is used to connect to a mixer, effects pedal, recording device or computer.

THRU: This ¼" mono jack is used to connect to a speaker or dummy load if an amplifier rated at more than 5 watts is used. When a cable is plugged into this jack the internal dummy load is disconnected.

Controls

TONE: This is a continuously variable tone control that varies the treble response of the output signal.

OUT VOL: This 8-position control is used to set the level of the output signal. Each step is about 7db.

Operating Instructions

The SE-5 can be used instead of a miced speaker cab for recording and live performance. The IN jack is connect to an internal 8 ohm / 5 watt dummy load. If the amplifier connected to the IN jack of the SE-5 is rated at 5 watts or less, then the THRU jack does not have to be used.

CAUTION: If the amplifier connected to the IN jack is rated at more than 5 watts, then a suitable speaker or dummy load must be connected to the THRU jack or damage to the SE-5 and the amplifier may result. Plugging a cable into the THRU jack disconnects the internal load.

For Live Performance:

Connect the speaker output of the amplifier to the IN jack of the SE-5 using a speaker cable.

The OUT jack of the SE-5 can be connected directly to a mixer or an effects pedal.

Adjust the OUT VOL knob for maximum peak signal without overloading the mixer or the pedal. Adjust the TONE knob for the sound desired.

For Recording:

Connect the speaker output of the amplifier to the IN jack of the SE-5 using a speaker cable.

The OUT jack of the SE-5 can be connected to an effects pedal, a recording device or computer interface card or box.

Adjust the TONE and OUT VOL controls as described above.

For Balanced Line operation:

It may be desirable to use balanced cables for long cable runs. In this case connect the output of the SE-5 or the output of effects pedals to a DI box to convert the unbalanced signal from the SE-5 or pedals to a balanced signal.

Specifications

Output type: mono, unbalanced

Output impedance: 2.5K ohms max.

Output attenuation: -12db to -61db
in 7db steps

Internal Load: 8 ohms / 5 watts

Warranty and Repair

The warranty period is 2 years. If during the first 2 years the SE-5 needs repair, Surprise Sound Lab will repair or replace it at no charge The owner will be responsible for shipping charges. Any problems due to misuse, abuse or modification will not be covered under the warranty. Any repairs outside of the warranty will be performed by Surprise Sound Lab for a reasonable fee.

Please email any repair requests to info@surprisesoundlab.com