

REED

Model SL-417

Sound Adapter

Instruction Manual



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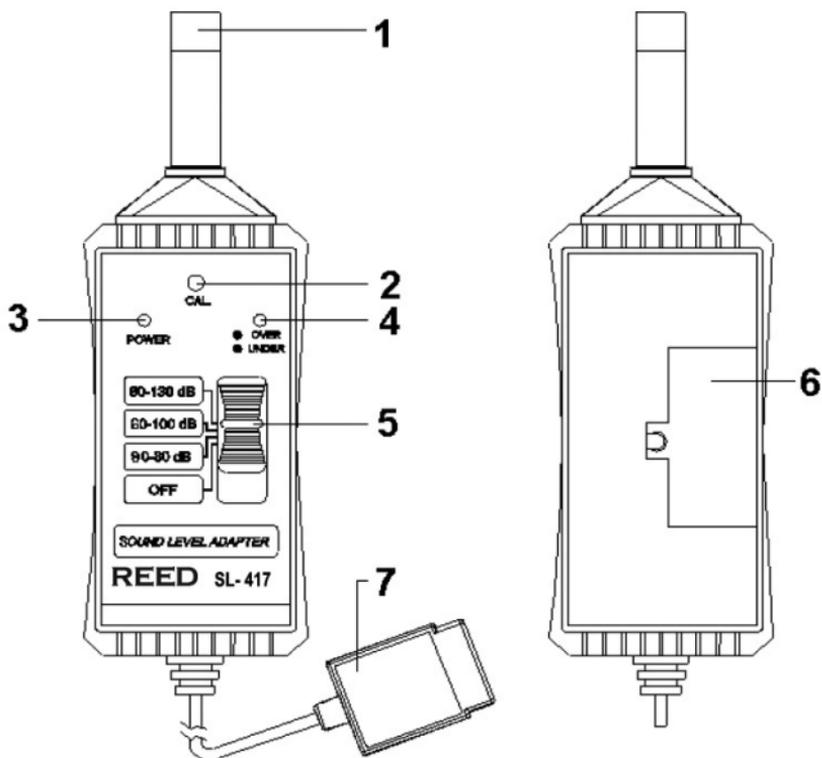
Features

- Works in cooperation with the SD-9300 Environment Meter to take professional Sound Level measurements
- 30 to 130 db, three ranges
- Frequency weighting networks meet IEC 61672 class 2 standards
- Fast time weighting dynamic characteristic modes
- Condenser microphone for high accuracy and long-term stability
- Over/Under range indicator

Specifications

Measuring Range:	Range 1: 30 to 80db; Range 2: 50 to 100db; Range 3: 80 to 130db
Output:	10mV per 1db
Accuracy:	31.5Hz: ± 3.5 dB 63Hz: ± 2.5 dB 125Hz: ± 2.0 dB 250Hz: ± 1.9 dB 500Hz: ± 1.9 dB 1KHz: ± 1.4 dB 2KHz: ± 2.6 dB 4KHz: ± 3.6 dB 8KHz: ± 5.6 dB
Frequency:	31.5Hz to 8,000Hz
Microphone Type:	Electric condenser
Operating Temperature:	0 to 50°C (32 to 122°F)
Operating Humidity:	>80%
Power Supply:	One DC 9V battery
Dimensions:	Microphone: 12.7 x 58mm (0.5 x 2.28") Instrument: 107 x 53 x 29mm (4.2 x 2.1 x 1.1")
Weight:	220g (0.49lb)

Instrument Description



1. Microphone
2. Calibration VR
3. Power Indicator
4. Over/Under Range Indicator
5. Range/Power Off Switch
6. Battery Cover/Compartment
7. Output plug

Operating Instructions

1. Connect the Output Plug to the Input Terminal on the SD-9300 Environment Meter.
2. Determine the proper measuring range by using the Range Switch to minimize the tolerance of the readout. If the Over/Under Range Indicator is RED, the reading is over range and you need to select a higher range on the Range Switch. If the Over/Under Range Indicator is GREEN, the reading is under range and you need to select a lower range on the Range Switch.
3. Point the microphone to the sound source, and the sound level will be displayed in dB on the SD-9300.

Note: Keep the Microphone dry and away from high vibrations

Battery Replacement

When the Power Indicator does not light up when you turn the meter on, you need to change the batteries.

1. Open the Battery Cover and remove the battery.
2. Replace the battery with a new 9V and replace the cover.

For service on this or any other REED product or information on other REED products, contact REED Instruments at info@reedinstruments.com

