

# SOUND ADAPTER

Model : SL-417

ISO-9001, CE, IEC1010



## FEATURES

- \* Cooperate with the Environment Meter EM-9300SD, EM-9200, EM-9100 as a professional sound level meter.
- \* 30 to 130 dB, 3 ranges.
- \* Frequency weighting networks are designed to meet the IEC 61672 class 2.
- \* A weighting networks are conformity to standards.
- \* Fast Time weighting dynamic characteristic modes.
- \* Condenser microphone for high accuracy & long-term stability.
- \* Over/Under indicator.
- \* Low battery indicator.
- \* Electric condenser microphone.
- \* Size of microphone : 1/2 inch standard size.



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LUTRON ELECTRONIC

*The Art of Measurement*

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# SOUND LEVEL ADAPTER

## Model : SL-417

FEATURES
* Cooperate with the ENVIRONMENT METER, EM-9300SD, EM-9200, EM-9100 to be as a professional sound level meter.
* 30 to 130 dB, 3 ranges.
* Frequency weighting networks are designed to meet the IEC 61672 class 2.
* A weighting networks are conformity to standards.
* Fast Time weighting dynamic characteristic modes.
* Condenser microphone for high accuracy & long-term stability.
* Over/Under range indicator.
* Low battery indicator.

SPECIFICATIONS	
Measurement Range	30 to 130 dB, 3 ranges Range 1 : 30 to 80 dB. Range 2 : 50 to 100 dB. Range 3 : 80 to 130 dB.
Output	10 mV per 1 dB.
Accuracy ( 23± 5°C )	Frequency weighting meet IEC 61672 class 2, calibrating input signal on 94 dB ( 31.5 Hz to 8 kHz ), then the accuracy of A frequency weighting is specified as following : <i>31.5 Hz - ± 3.5 dB, 63 Hz - ± 2.5 dB, 125 Hz - ± 2.0 dB 250 Hz - ± 1.9 dB, 500 Hz - ± 1.9 dB, 1 kHz - ± 1.4 dB 2 kHz - ± 2.6 dB, 4 kHz - ± 3.6 dB, 8 kHz - ± 5.6 dB</i>
Frequency Weighting Network	Characteristics of A weighting. A weighting : The characteristic is simulated as " Human Ear Listing " response.
Frequency	31.5 Hz to 8,000 Hz.
Calibrator	B & K (Bruel & Kjaer) : Multi-fuction acoustic calibrator, Model : 4226.
Microphone type	Electric condenser microphone.
Size of microphone	1/2 inch standard size.
Calibration VR	Build in external calibration VR.
Battery	DC 9 V battery ( 006P, 6F22 ). @ <i>Alkaline or heavy duty type.</i>
Power Consumption	Approx. DC 12 mA.
Operating Temperature	0 to 50 °C ( 32 to 122 °F ).
Operating Humidity	Less than 80% RH.
Weight	220 g/0.49 LB (including battery).
Dimension	<i>Main instrument : 107 x 53 x 29 mm ( 4.2 x 2.1 x 1.1 inch ). Probe : Dia. 12.7 mm x 58 mm ( Dia. 0.5 inch x 2.28 inch ).</i>
Accessories Included	Operation Manual..... 1 PC.
Optional Calibrator, Accessory	94 dB Sound Calibrator, Model : SC-941. 94/114 dB Sound Calibrator, Model : SC-942. Wind shield ball, Model : SB-01

\* Appearance and specifications listed in this brochure are subject to change without notice.

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