

SOUND ADAPTER

Model : SL-406

ISO-9001, CE, IEC1010



FEATURES

- * Cooperate with the DMM to be as a professional sound level meter.
- * 35 to 130 dB, 3 ranges.
- * Frequency weighting networks are designed to meet the IEC 651 type 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.
- * Frequency 31.5 Hz to 8,000 Hz. Electric condenser microphone. Size of microphone : 1/2 inch standard size.

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The Art of Measurement

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SPECIFICATIONS

Measurement/Range	35 to 130 dB, 3 ranges <i>Range 1 : 30 to 80 dB.</i> <i>Range 2 : 50 to 100 dB.</i> <i>Range 3 : 80 to 130 dB.</i>
Output	1 mV per 1 dB.
Accuracy (23 5 °C)	Frequency weighting meet IEC 651 type 2, calibrating input signal on 94 dB (31.5 Hz to 8 kHz), then the accuracy of A weighting is specified as following : 31.5 Hz - ± 3 dB, 63 Hz - ± 2 dB, 125 Hz - ± 1.5 dB, 250 Hz - ± 1.5 dB, 500 Hz - ± 1.5 dB, 1 kHz - ± 1.5 dB 2 kHz - ± 2 dB, 4 kHz - ± 3 dB, 8 kHz - ± 5 dB
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.
SL-406 be calibrated when production	B & K (Bruel & Kjaer) : Multi-fuction acoustic calibrator, Model : 4226.
Microphone Size of microphone	Electric condenser microphone. 1/2 inch standard size.
Calibration VR	Build in external calibration VR.
Battery	DC 9 V battery (006P, 6F22).
Power Consumption	Approx. DC 4 mA.
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	150g g/0.33 LB (including battery).
Dimension	<i>Main instrument</i> : 107 x 53 x 29 mm (4.2 x 2.1 x 1.1 inch). <i>Probe</i> : Dia. 12.7 mm x 70 mm (Dia. 0.5 inch x 2.76 inch).
Accessories Included	Operation Manual.....1 PC.
Optional Calibrator	94 dB Sound Calibrator, model : SC-941 94/114 dB Sound Calibrator, model : SC-942

* Appearance and specifications listed in this brochure are subject to change without notice. 0310-SL406