

SOUND ADAPTER

Model : SL-406

ISO-9001, CE, IEC1010

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02-2389-0101



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 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.
- * 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	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 weighting is specified as following : 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
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).
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	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).
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. SL406+0711