

Digital Sound Level Meter



Features:

- Large LCD display, easy to read
- Characteristic of "A" frequency weighting network are designed to meet IEC 61672 Class 2
- "Fast" time weighting characteristic mode
- Build in adj. VR is available for easy calibration
- Condenser microphone for high accuracy & long-term stability
- Hold function to freeze the display value
- Warning indicator for over and under range
- LCD display for low power consumption & clear read-out even in bright ambient light condition
- Made using durable, long-lasting components, including a strong, light weight ABS-plastic housing case
- Small and light weight design allow one hand operation
- Low battery indicator
- High quality with economical cost

Specifications:

Display	18mm (0.7") LCD (Liquid Crystal Display), 3-1/2 digits.
Measurement Range	35 to 130 dB, 3 ranges: Range 1 - 35 to 80 dB, Range 2 - 50 to 100 dB and Range 3 - 80 to 130 dB, Each range with warning indicator for over & under load.
Resolution	0.1dB
Measurement Frequency	31.5Hz to 8,000Hz.
Frequency Weighting Network	Characteristics of "A" frequency weighting network. The "A weighting" characteristic is simulated as "Human Ear Listing" response.
Time Weighting	Default to "Fast" time weighting characteristics. "Fast time weighting" is simulated the human ear response character
Accuracy (23 ±5°C)	Characteristics of "A" frequency weighting network meet IEC 61672 Class 2. Under 94 dB input signal, the accuracy are : 31.5Hz - ±3.5dB, 63Hz - ±2.5dB, 125Hz - ±2dB 250Hz - ± 1.9dB, 500Hz - ±1.9dB, 1kHz - ±1.4dB 2kHz - ± 2.6dB, 4kHz - ±3.6dB, 8kHz - ±5.6dB
Calibrator	B & K (Brueel & kjaer), multi-fuction acoustic calibrator
Microphone type	Electric condenser microphone
Size of microphone	1/2 inch standard size
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver
Data Hold	Hold function to freeze the display value
Operating Temp.	0°C to 50°C (32°F to 122°F)
Operating Humidity	Less than 80% RH
Power Supply	006P DC 9V battery (heavy duty type)
Power Consumption	Approx. DC 6mA



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Dimension	250mm × 70mm × 28mm (9.9" × 2.8" × 1.1")
Weight	250g / 0.55 LB (including battery)
Optional Accessories	94 dB Sound Calibrator
	Hard carrying case

Part Number Table

Description	Part Number
Digital Sound Level Meter "A" Frequency Weighting, Range 35 to 130dB, 3 Ranges, Meets IEC 651 Type 2	72-6635

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