



Sound Level Meter Model CA832

Cat. #2121.23

Range: Lo 37 to 80dB, Med 50 to 100dB, Hi 80 to 130dB; **Accuracy** ± 1.5 dB; **Resolution** 0.01dB

Designed to assess sound ambiances or nuisances in accordance with international safety and quality standards (complies with standard IEC 651). Features two weighting curves A and C for measurement, integrating the sensitivity of the human ear according to sound frequency. Can be fitted on a tripod for long duration measurements.


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Measurement Range	Lo : 37 to 80dB Med: 50 to 100dB Hi: 80 to 130dB
Accuracy	± 1.5 dB (ref. 94dB @ 1 kHz)
Resolution	0.1dB
Precision	± 2.0 dB
Measurement Rate	2.5 times per second
Dynamic Range	50dB
Frequency Range	31.5 to 8000Hz
Frequency Weighting	Curves A and C
Time Weighting	Slow (S) and Fast (F)
Microphone	Electret condenser microphone
Auxiliary Output	AC: 1.0Vrms (600 Ω impedance) DC: 10mV/dB (50 Ω impedance)
MAX Function	Yes
Display	3½ digit backlit LCD, 2000-count
Power Source	1 x 9V alkaline battery (included)
Low Battery Indication	Yes
Dimensions	9.33 x 2.36 x 1.5" (237 x 60 x 38mm)
Weight	Approximately 8.11oz (230g) including battery
Operation Temperature	32 to 122°F (0° to 50°C)
Storage Temperature	-4 to 140°F (-20° to 60°C)

For more details, download the datasheet or user manual at www.aemc.com

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Applicable Standard	IEC 651 type 2, ANSI S1.4, JIS C 1502
Ingress Protection (IP)	IP44, instrument must be fitted with its shockproof housing
Electromagnetic Compatibility	EN50081-1 (Ed. 1992), EN50082-1 (Ed. 1992) 

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