

## **ENVIRONMENTAL TESTERS** Sound Level Meter



# Model CA832

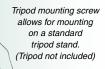
**Designed to assess sound ambiences** or nuisances in accordance with international safety and quality standards

## ► SPECIFICATIONS

MODELCA832MEASUREMENTSMeasurement Range35 to 80dB 50 to 100dB 80 to 130dBMeasurement Rate2.5 times per secondDynamic Range50dbFrequency Range31.5 to 8000HzAccuracy±1.5dB (ref. 94dB@1kHz)Resolution0.1dBPrecision±2.0dBDisplay2000-countSensor Type0.5" electric (prepolarized) condenser microphone True RMS measurement with independent frequency weightingApplicable StandardIEC 651 type 2/ANSI S 1.4 type 2/JIS C 1502Auxiliary OutputDC output: 10ml/dB - 50Ω AC output: 1.0V/rms - 600ΩFrequency WeightingCurves A and CTime Weighting3½ digit liquid crystal display (LCD), 2000-countOperating Temperature32° to 122°F (0° to 50°C), 80% RH without condensationStorage Temperature-4° to 140°F (-20° to 60°C), 0 to 80% RH without batteryPower SourceOne 9V Alkaline battery (included)Low Battery Indication <b>-+)</b> is displayed when battery voltage is lowDimensions9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm)Weight8.11 oz (230g) including battery		
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Resolution0.1dBPrecision±2.0dBDisplay2000-countSensor Type0.5" electric (prepolarized) condenser microphone True RMS measurement with independent frequency weightingApplicable StandardIEC 651 type 2/ANSI S 1.4 type 2/JIS C 1502Auxiliary OutputDC output: 10mV/dB – 50Ω AC output: 1.0Vrms – 600ΩFrequency WeightingCurves A and CTime WeightingS (slow) and F (fast)GENERALDisplayDisplay3½ digit liquid crystal display (LCD), 2000-countOperating Temperature32° to 122°F (0° to 50°C), 80% RH without condensationStorage Temperature-4° to 140°F (-20° to 60°C), 0 to 80% RH without batteryPower SourceOne 9V Alkaline battery (included)Low Battery IndicationImage: 1.5" (237 x 60.5 x 38mm)	Frequency Range	31.5 to 8000Hz
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Dimensions   9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm)	Power Source	One 9V Alkaline battery (included)
	Low Battery Indication	- + is displayed when battery voltage is low
Weight 8.11 oz (230g) including battery	Dimensions	9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm)
	Weight	8.11 oz (230g) including battery



Shockproof holster, protective foam microphone cap, screwdriver, male jack connector, assembly screw for camera type tripod, 9V battery and user manual.



# () AEMC



## ► FEATURES

- · Easy one-hand operation
- · Measures sound according to the sensitivity of the human ear
- Max function
- Three measurement ranges from 35 to 130dB
- Accuracy ±1.5dB (ref. 94dB@1kHz)
- Two time weighting curves: S (slow) - 550ms and F (fast) - 55ms
- Two frequency weighting curves: A and C
- Auxiliary output for recording
- Tripod mountable
- 2000-count backlit LCD
- Lightweight and compact
- Includes rugged, shockproof, protective and dirt resistant gray holster

## ► APPLICATIONS

- Factories
- Schools and Libraries
- Airports
- Office environments and Studios
- Auditoriums
- Hospitals

### CATALOG NO.

DESCRIPTION

2121.23

Sound Level Meter Model CA832

www.aemc.com

