MODEL CA832

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

SPECIFICATIONS

MODEL	CA832
MEASUREMENTS	
Measurement Range	37 to 80dB 50 to 100dB 80 to 130dB
Measurement Rate	2.5 times per second
Dynamic Range	50db
Frequency Range	31.5 to 8000Hz
Accuracy	±1.5dB (ref. 94dB@1kHz)
Resolution	0.1dB
Precision	±2.0dB
Display	2000-count
Sensor Type	0.5" (13mm) electric (pre-polarized) condenser microphone True RMS measurement with independent frequency weighting
Applicable Standard	IEC 651 Type 2 / ANSI S 1.4 Type 2 / JIS C 1502
Auxiliary Output	DC output: 10mV/dB – 50Ω AC output: 1.0Vrms – 600Ω
Frequency Weighting	Curves A and C
Time Weighting	S (slow) - 550ms and F (fast) - 55ms
GENERAL	
Display	3½ digit liquid crystal display (LCD), 2000-count
Operating Temperature	32° to 122°F (0° to 50°C), 80% RH without condensation
Storage Temperature	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery
Power Source	One 9V Alkaline battery (included)
Low Battery Indication	⊟⊞ is displayed when battery voltage is low
Dimensions	9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm)
Weight	8.11oz (230g) including battery

PRODUCT INCLUDES

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

Tripod mounting screw allows for mounting on a standard tripod stand. (Tripod not included)

FEATURES

- Easy one-hand operation
- Measures sound according to the sensitivity of the human ear
- Max function
- Three measurement ranges from 37 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 cover

APPLICATIONS

- Factories
- Schools and libraries
- Airports
- Office environments and studios
- Auditoriums
- Hospitals
- Art Galleries

CATALOG NO.	DESCRIPTION
2121.23	Sound Level Meter Model CA832