



Sound level meter PCE-432 and acoustic calibrator PCE-SC 09

0233



Servicies

After sale services

Ordinary and extraordinary maintenance, installation, staff training, spare parts, calibration and calibration for measuring instruments.



Product description

Portable Sound Level Meter with Integrated GPS - PCE-432

A top-tier instrument designed for precise noise measurement and frequency analysis, compliant with current standards. This sound level meter comes equipped with an integrated GPS receiver, enabling precise geospatial data recording. It is also ISO-certified for compliance with regulations. Ideal for workplace noise measurement, regulatory compliance, and hearing protection. The measurement range spans from 22 to 136 dB(A) with a frequency range of 3 Hz to 20 kHz.

The PCE-432 sound level meter complies with all relevant standards and regulations, including 1st-class standards like EN/IEC 61672, ANSI S1.4-1983, ANSI S1.43-1997, and EN/IEC61260. It features a large backlit display that shows real-time sound pressure levels in both numerical and graphical form, enhancing data readability.

This professional instrument is equipped with an integrated data logger that stores measurements on a micro SD card, allowing for easy export and analysis via USB connection to a computer using dedicated software.

The PCE-432 sound level meter finds applications in workplace noise measurement, environmental noise monitoring, assessment of noise exposure, and the implementation of hearing protection measures. It also includes an Impulse function for recording short-duration noises and supports custom measurement profiles, specific limits, and various time and frequency weightings (A, C, Z) for greater adaptability.

Portable Acoustic Calibrator - PCE-SC 09

A battery-powered sound source for quick and direct calibration of sound level meters and other systems. Adapters for the acoustic calibrator allow you to connect and check microphones of various sizes.

This acoustic calibrator operates at a calibration frequency of 1000 Hz, serving as a reference for international standard weighting curves (A, B, C, or D). The calibration pressure of the acoustic calibrator is 94 ± 0.3 dB (1 Pa) and 114 ± 0.3 dB (10 Pa), suitable for quality control and the calibration of sound level meters. It is easy to use and compatible with various types of microphones.



General Features

Range	22 ... 136 db(A)	Allarme	Adjustable
Power	4 x 1.5V AA batteries; 12V/1A power supply; 5V/1A USB	Sampling	Standard: 48 kHz; Mode LN: 20 ms
Memory	4GB micro SD card	Functions	X - Frequency Weighting: A, B, C, Z; Y - Time Weighting: F, S, I; N - Statistics in %: 1 ... 99%
Precision	1st Class	Frequency range	3 Hz ... 20 kHz
Standards	GB/T3785.1-2010; GB/T3785.2-2010; IEC60651:1979; IEC60804:2000; IEC61672-1:2013; ANSI S1.4-1983; ANSI S1.43-1997	Standards	GB/T3785.1-2010; GB/T3785.2-2010; IEC60651:1979; IEC60804:2000; IEC61672-1:2013; ANSI S1.4-1983; ANSI S1.43-1997