



Sound level meter PCE-432

0230



Servicies

After sale servicies

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



Product description

Portable Noise Meter with Built-In GPS PCE-432: This 1st-class noise meter represents a comprehensive professional tool for noise measurement and frequency analysis, fully compliant with all current regulatory requirements, including EN/IEC 61672, ANSI S1.4-1983, ANSI S1.43-1997, EN/IEC61260, and other relevant standards.

Equipped with a large backlit display, the PCE-432 noise meter provides real-time indication of sound pressure levels, displaying data in both numerical and graphical form. What truly sets this instrument apart is its integration of a built-in GPS receiver. This GPS function allows the operator to automatically assign each measurement to a specific location, providing a complete and georeferenced view of noise data.

The professional PCE-432 noise meter also features a built-in data logger, which saves all measurements on a micro SD memory card. These data can be easily exported and analyzed by connecting the noise meter to a PC via USB, using the dedicated software provided with the unit.

This versatile tool is widely used in a variety of sectors, including noise measurement in workplaces to ensure compliance with current regulations, environmental noise monitoring, assessment of noise exposure, and implementation of hearing protection measures. Furthermore, the PCE-432 offers an Impulse function to record short-duration noises and supports various options for time and frequency weighting, making it suitable for a wide range of applications.

The noise meter's measurement range spans from 22 to 136 dB(A) with a frequency range from 3 Hz to 20 kHz, allowing for precise evaluation of noise levels in various contexts. With the ability to set three custom measurement profiles, define threshold values, and choose from various time and frequency weighting options (A, C, Z), this instrument offers exceptional flexibility.

In summary, the PCE-432 Portable Noise Meter represents a comprehensive solution for noise measurement needs in workplaces and beyond, offering a combination of precision, advanced functionality, and ease of use that makes it an indispensable tool for professionals and industry operators.



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General Features

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|------------------------|---|------------------|---|
| Dimensions | 70mm x 300mm x 36mm | Weight | Approximately 620 g including batteries |
| Battery life | Minimum 10 hours | 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 | LXY(SPL), LXeq, LXYSD, LXSEL, LXE, LXYmax, LXYmin, LXPeak, LXN; X - Ponderazione frequenza: A, B, C, Z; Y - Ponderazione temporale: F, S, I; N - Statistica 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 | | |

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