



## ***Sound level meter PCE-432-ICA***

0231



## ***Servicies***

### **After sale servicies**

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



## Product description

Portable Sound Level Meter with Built-in GPS PCE-432-ICA: A first-class professional tool designed for precise noise measurement and frequency analysis. This sound level meter comes with a built-in GPS receiver, allowing for accurate location-based measurement assignments. ISO certification is included, ensuring compliance with industry regulations.

The PCE-432-ICA Sound Level Meter complies with all current regulations and standards, including 1st-class specifications such as EN/IEC 61672, ANSI S1.4-1983, ANSI S1.43-1997, EN/IEC61260, and other relevant ones. Its large backlit display provides real-time visualization of sound pressure levels, presenting data in both numerical and graphical form to enhance measurement readability. This professional tool is equipped with a built-in data logger that saves all measurements to a micro SD memory card. The ability to connect the sound level meter to a PC via USB enables easy data export and analysis using the dedicated software provided with the unit.

The PCE-432-ICA Sound Level Meter finds applications in a wide range of industries, including workplace noise measurement to ensure compliance with current regulations. Additionally, it is used for environmental noise monitoring, assessing noise exposure, and implementing hearing protection measures in industrial and commercial settings.

The Impulse function of this sound level meter records short-duration noises, allowing for transient sound analysis. The octave band filter enables the detection of small frequency differences, and as an option, the filter can be updated to suit specific requirements. With a broad measurement range from 22 to 136 dB(A) and a frequency range from 3 Hz to 20 kHz, the PCE-432-ICA Sound Level Meter offers the flexibility needed to adapt to various situations. You can set three custom measurement profiles and define threshold values to simplify the monitoring process.

The PCE-432-ICA Sound Level Meter represents a comprehensive solution for noise measurement needs in both workplace and non-workplace environments. It combines precision, advanced functionality, and user-friendliness to meet the requirements of professionals and industry operators.



## General Features

<b>Dimensions</b>	70mm x 300mm x 36 mm	<b>Weight</b>	Approximately 620 g including batteries
<b>Battery life</b>	Minimum 10 hours	<b>Range</b>	22 ... 136 db(A)
<b>Allarme</b>	Adjustable	<b>Power</b>	4 x 1.5V AA batteries; 12V/1A power supply; 5V/1A USB
<b>Sampling</b>	Standard: 48 kHz; Mode LN: 20 ms	<b>Memory</b>	4GB micro SD card
<b>Functions</b>	LXY(SPL), LXeq, LXYSD, LXSEL, LXE, LXYmax, LXYmin, LXPeak, LXN; X - Frequency Weighting: A, B, C, Z; Y - Time Weighting: F, S, I; N - Statistics in %: 1 ... 99%	<b>Precision</b>	1st Class
<b>Frequency range</b>	3 Hz ... 20 kHz	<b>Standards</b>	GB/T3785.1-2010; GB/T3785.2-2010; IEC60651:1979; IEC60804:2000; IEC61672-1:2013; ANSI S1.4-1983; ANSI S1.43-1997
<b>Standards</b>	GB/T3785.1-2010; GB/T3785.2-2010; IEC60651:1979; IEC60804:2000; IEC61672-1:2013; ANSI S1.4-1983; ANSI S1.43-1997		