

Decibel Meter PCE-323-ICA incl. ISO Calibration Certificate



Bluetooth data logging decibel meter for Android and iOS / Accuracy class 2 / Live view / Battery and power adapter / PC connection with software / Frequency weighting A and C / Tripod mount / Measuring range 30 ... 130 dB / Incl. ISO calibration certificate

The decibel meter has a measuring range of 30 ... 130 dB and can be used where sources of noise are to be recorded. For example, the sound level meter is used to control the noise level on stamping presses, ventilation systems or on busy roads. With the push of a button, you can switch between the frequency ratings A and C on the Bluetooth sound level meter. With the data logger function of the sound level meter, up to 32700 readings can be recorded. For optimal positioning of the microphone, the sound level meter can also be mounted on a tripod.

With the Bluetooth interface, the decibel meter can be set up with an Android or iOS device. The measured values from the Bluetooth sound level meter live can be transmitted and saved via the free app. The values measured by the sound level meter can then be exported in CSV file format for further processing.

In addition to the Bluetooth interface, the decibel meter also has a mini USB interface. This allows the Bluetooth sound level meter to be connected to a computer. With the software for the Bluetooth sound level meter, the measured values can then be transmitted live to the PC and, if necessary, exported as a CSV for further processing.

With the included 12V DC power supply, the Bluetooth decibel meter can be used stationary. For mobile use, the Bluetooth sound level meter can be operated with a 9V block battery. The transport case enables safe transport for the Bluetooth sound level meter for mobile use. The Bluetooth sound level meter is equipped with an ISO calibration certificate.

- ▶ Accuracy class 2
- ▶ Measuring range 30 ... 130 dB
- ▶ Different noise level ranges
- ▶ Bluetooth interface with free app
- ▶ Battery and power adapter
- ▶ Frequency weighting A and C
- ▶ incl. ISO Calibration Certificate

Specifications

Noise level ranges	Auto 30 ... 130 dB High 80 ... 130 dB Medium 50 ... 100 dB Low 30 ... 80 dB
Dynamic range	50 dB
Resolution	0.1 dB
Accuracy	±1.4 dB (under reference conditions @ 94 dB, 1 KHz)
Accuracy class	IEC61672-1 Class 2
Frequency range	31.5 Hz...8 kHz
Time rating	FAST (125 ms), SLOW (1 s)
Frequency weighting	A and C
Microphone type	1/2" electret condenser
Display	4-digit LCD display with background lighting
Display update	2 Hz
Data storage	32700 readings
Storage interval	1 ... 59 seconds
Analog output over 3.5 mm jack connection	1 Vrms/dB AC (impedance 100) 10 mV/dB DC (impedance 1k)
Data interface	USB, Bluetooth 4.0
Bracket	3/8" connection
Functions	MIN, MAX, HOLD Indication when noise level exceeds or falls below threshold
Shutdown	Automatically after ca. 15 minutes of inactivity
Power supply	9 V block battery
Mains adapter	Primary: 100 ... 240 V AC, 50 / 60 Hz, 0.2 A Secondary: 9 V DC, 0.5 A
Operating conditions	0 ... +40 °C / 32 .. 104 °F, 10 ... 90 % RH, non- condensing Altitude <2000 m / 6561 ft
Storage conditions	-10 ... +60 °C / 14 ... 140 °F, 10 ... 75 % RH, non- condensing
Dimensions	278 x 76 x 50 mm / 10.9 x 3.0 x 2"
Weight	350 g / 12.3 oz

More information

Manual



Datasheet



More product info



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