

Decibel Meter PCE-323



Bluetooth 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 / Optionally with 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 decibel 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 decibel meter. With the data logger function of the decibel meter, up to 32700 readings can be recorded. For optimal positioning of the microphone, the decibel meter can also be mounted on a tripod.

With the Bluetooth interface, the Bluetooth sound level 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 decibel 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 decibel meter to be connected to a computer. With the software for the Bluetooth decibel 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 decibel meter can be operated with a 9V block battery. The transport case enables safe transport for the Bluetooth decibel meter for mobile use. Optionally, the Bluetooth decibel meter can be 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

Subject to change

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	1 Vrms/dB AC (impedance 100)
3.5 mm jack connection	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



More product info



Similar products



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