

# Decibel Meter PCE-MSM 4



## PCE-MSM 4 Decibel Meter

### Portable handheld class 2 noise meter with A and C frequency weighting and accuracy of $\pm 1.4$ dB

The decibel meter PCE-MSM 4 has features that you will only find in other more expensive devices. The precision sound level meter in slim design is ideal for mobile measurements of sound. Noise generated in various environments, at the workplace, at machine controls, on the construction site, at events, e.g., concerts, or neighborhood noise can be easily and comfortably measured and displayed with the sound level meter.

The sound level meter has a high measuring accuracy of  $\pm 1.4$  dB and is therefore very well suited for the above mentioned measuring abilities. The measuring device is ideally suited for mobile measurements, because it is a hand-held measuring device operated by a battery. This sound level meter is a professional instrument for use outdoors and indoors, which, in addition to high accuracy and ease of use, delivers fast results. Sound has become a great burden for many people. In this case, it is an enormous relief to be able to carry out measurements with a sound level meter. According to surveys, approximately 20% of citizens feel disturbed by sound. The sound level meter PCE-MSM 4 helps you to analyze where the resulting sound occurs. After the analysis there is then the possibility to minimize this noise.

- ▶ Easy to use
- ▶ Measuring range from 30 ... 130 dB
- ▶ Measuring ranges: Low, Medium, High, Auto
- ▶ Including wind noise suppressor
- ▶ A and C frequency weighting
- ▶ Fast and slow time evaluation
- ▶ Max Hold function
- ▶ 4-digit LCD display
- ▶ Background lighting

## Specifications

Noise ranges	Low 30 ... 80 dB
	Medium 50 ... 100 dB
	High 80 ... 130 dB
	Auto 30 ... 130 dB
Resolution	0.1 dB
Accuracy	± 1.4 dB
Frequency range	31.5 Hz...8 kHz
Time evaluation	FAST (125 ms)
	SLOW (1 sec)
Frequency rating	A and C
Microphone type	Electret
Display	4-digit LCD
Alarm function	OVER and UNDER
Automatic shutdown	After approx. 15 minutes of inactivity
Power supply	9V battery
Battery life	At least 30 hours
Environmental conditions	0 ... 40°C / 32 ... 104°F, 10 ... 90% rel. humidity
Storage conditions	-10 ... 60°C / 14 ... 140°F, 10 ... 75% rel. humidity
Weight	340 g / < 1 lb (without battery)
Dimensions	283 x 93 x 45 mm / 11.1 x 3.7 x 1.8 in
Standard	IEC61672-1 Class 2

## More information

Manual



Video



Video Manual



More product info



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