NOISE METER / NOISE WARNING INDICATOR

PCE-SLM 10



- **75 mm / 3 in digit height**
- **30 ... 130 dBA measuring range**
- **0.1 dB or 1 dB resolution**
- **Wall mounting**
- **Operation via micro USB charger or external battery**
- **Alarm function**

The dB display PCE-SLM 10 is suitable for the continuous measurement and visualization of the sound pressure level. The PCE-SLM 10 dB display is used in schools, open-plan offices, bars, clubs and other event venues. Due to the large digits of the dB display, the measured value is always easy to read. Due to the LED display, this is also possible in dark environments without any problems. The dB display is powered by USB with the optional AC adapter or external battery pack.

The measuring range of the dB display ranges from 30 ... 130 dB. The sound level meter displays the measured value A weighted. The time weighting of the dB display is always Fast. The frequency range of the 6 mm condenser microphone ranges from 31.5 Hz to 8.5 kHz. The dB interface can be connected to the PC via the USB interface. The software can be used to transmit live measurements to a computer. The dB display also has an internal memory, which can be read out with the software.

Noise is one of the items in the long list of the harmful factors

Contamination of the environment is a topical and controversial modern issue. Different methods of how to improve the situation are offered, and, though many may be surprised by that, noise is one of the items in the long list of the harmful factors. Acoustic contamination is not visible and it is difficult to evaluate the level of it at once, but its impact on the health is tremendous.

Specification

Sound level	
Measuring range	30 ... 130 dB
Resolution	0,1 dB
Accuracy	±1.5 dB at 94 dB @ 1 kHz

General technical data	
Measuring functions	ALARM
Time weighting	fast (125 ms)
Frequency weighting	A
Frequency	31.5 ... 8500 Hz
Display type	LED
Digit size [WxH]	H: 75 mm
Storage capacity	657000 Values
Storage interval from	2 s
Storage interval to	2 s
Microphone type	Electret capacitor
Interface	Micro-USB
Tripod thread	1/4 inch
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	5 V / 1 A
(Rechargeable) battery	1 x 3 V CR1220 , Zinc-manganese dioxide
Capacity	38 mAh
Operating conditions	0 ... 40 °C , 10 ... 80 % RH
Storage conditions	-10 ... 60 °C , 10 ... 70 % RH
Dimensions (L x W x H)	210 x 130 x 28 mm
Weight	435 g