Product name:	Product code:
Sound level meter	ELE-0018



Description

Sound level meter

Technical specification

12. Time waiting : Fast/Slow
13. Microphone : Â½ inch Electret Condenser microphone
14. Max : Maximum hold
15. Power supply : 4*AA 1.5V alkaline cells or DC 6V 100(Maximum) hold
16. Self calibration time : 10 sec (every turn on)
17. Operating temperature : 0Â°C to 40Â°C
Operating humidity : 10% to 80%RH
18. Storage temperature : -10Â°C to 60Â°C
Storage humidity : 10% to 70%RH
19. Dimension : 265(L)*72(W)*35(H)mm
20. Weight : 300g (including batteries)
21. USB & Data Storage : May record directly 43690 noise data (special user may expand to 131070). May connect with PC through USB, have functions of data record downloading, real time data sampling analysis & printing graph & data etc.

The Sound Level Meter is used to measure sound level in decibels (dB). An output port on the meter records sound level data. A switch on the meter is used to select DBA or DBC weighting. The Sound Level Meter also has an LCD panel, which allows you to use it as a stand-alone device. A dB range switch and a response switch provide flexibility in the standalone mode.

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Specification:
1. Accuracy : +/- 1.5 dB (under reference conditions)
2. Frequency range : 31.5 Hz to 8.5 KHz
3. Linearity range : 50 dB
4. Measuring level : 30-130dBA, 35-130dBC
5. Frequency weighting : A, C
6. Digital display : 5 digits
Resolution : 0.1dB
Display : 0.5 secretary
7. Bar graph : 50dB scale at 1dB step for monitoring current sound pressure level display period: 50mS
8. Level range : 30-80 dB, 50-100 dB, 60-110 dB, 80-130 dB
9. Over indicate over range : Under indicate less then lower limit of the range
10. AC output : 0.707 Vrms at FS output impedance approx 600T
11. DC output : 10mV/dB output impedance approx 100T