Sound Level Meter w/ USB Interface TENMA™

RoHS Compliant

Overview

This sound level meter is designed for noise project, quality control, illness prevention and cure and all kinds of environmental sounds measurement. It is applied to the sounds measurement at factory, school, office, traffic access and household, etc.

Specifications

Standard Applied	: IEC61672 -1 Class 2
Accuracy	: ±1.4dB
Frequency Range	: 31.5Hz to 8kHz
Dynamic Range	: 50dB
Memory	: 32700 Readings
Level Ranges	: Low: 30db to 80dB; Medium: 50db to 100dB; High: 80dB to 130dB; Auto: 30dB to 130dB
Frequency Weighting	: A & C
Time Weighting	: Fast: 125ms; Slow: 1s
Microphone	: ½ inch electret condenser microphone
Display	: 4-digits LCD display with a resolution of 0.1dB
Display Update	: 2 times/sec.
Max. Hold	: Hold the Maximum readings
Min. Hold	: Hold the Minimum readings
Hold	: Hold the readings
Alarm Function	: "OVER" is when input is more than upper limit of range "UNDER" is when input is less than lower limit of range
Analog Output	: AC/DC outputs from earphone outlet AC=1Vrms, DC=10mV/dB
Data Output	: USB data traffic
Auto Power Off	: Meter automatically shuts down after approx. 15minutes of inactivity
Power Supply	: One 9V Battery, 006P or IEC 6F22 or NEDA 1604
Power Life	: About 30hours
Operating Temperature	: 0°C to 40°C (32°F to 104°F)
Operating Humidity	: 10 to 90% RH
Storage Temperature	: -10°C to 60°C (14°F to 140°F)
Storage Humidity	: 10 to 75% RH
Dimensions	: 278mm × 76mm × 50mm
Weight	: 350g
Includes	: Instruction Manual, Battery, Screwdriver, Ø3.5mm earphone plug, Windscreen, Software, USB Cable

Part Number Table

Description	Part Number
Sound Level Meter, 30dB to 130dB, ±1.4dB	72-947

TENMA™