



**Product Datasheet**

**English**

**Stock No: 193-8698**

# **Sound level meter with datalogger**

EN



## **FUNCTIONS DESCRIPTION**

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.

- This unit confirms to the IEC61672-1 CLASS2 for Sound Level Meters.
- MAX & MIN measurements
- Over range display
- Under range display
- A & C Weighting
- FAST & SLOW response
- Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder

## **SPECIFICATION**

**Standard applied:** IEC61672 -1 CLASS2

**Accuracy:**  $\pm 1.4$ dB

**Frequency range:** 31.5HZ ~ 8KHZ

**Dynamic range:** 50dB

**Memory:** 32700

**Level ranges:** L0:30dB ~ 80dB

**Med:** 50dB ~ 100dB

**Hi:** 80dB ~ 130dB

**Auto:** 30dB ~ 130dB

**Frequency weighting:** A/C

**Time weighting:** FAST ( 125ms ), SLOW ( 1s )

**Microphone:** 1/2 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 reading

**MIN hold:** Hold the Minimum reading

**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. 15 minutes of inactivity.

**Power supply:** One 9V battery, 006P or NEDA1604 or IEC 6F22.

**Power life:** About 30 hours

**Operation temperature and humidity:** 0°C ~ 40°C, 10% RH ~ 90% RH

**Storage temperature and humidity:** -10°C ~ +60°C, 10% RH ~ 75% RH

**Dimension:** 278 (L) x 76 (W) x 50 (H) mm

**Weight:** 350g

**Accessories:** Instruction manual, battery, screwdriver,  $\phi$ 3.5mm earphone plug, windscreen, software, USB cable.