## 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** | +1.4dB |
| **Frequency range** | 31.5HZ ~ 8KHZ |
| **Dynamic range** | 50dB |
| **Level ranges** | LO: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 |
| **Resolution** | 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 upper limit of range. |
| **Analog output** | AC/DC outputs from earphone outlet AC = 1Vrms DC = 10mV/dB |
| **Data output** | USB data traffic |
| **Power supply** | One 9V battery, 006P or NEDA1604 or IEC 6F22. |
| **Power life** | About 50hours |
| **Operation temperature and humidity** | 0 ºC ~ 40 ºC,10% RH ~ 90% RH |
| **Storage temperature and humidity** | -10 ºC ~ + 60 ºC,10% RH ~ 75% RH |
| **Dimension** | 278 (L) x 76 (W) x 50(H) mm |
| **Weight** | 350g |
| **Accessories** | Instruction manual, battery, screwdriver, 3.5 φ earphone plug, windscreen, software, USB cable, tripod and DC 9V power supply. |

*Technical Specifications & Appearance are subject to change without prior notice

## THE QUALITY LEADER | www.metravi.com