

Sound Level Meter SL-8050-IL



APPLICATIONS & FEATURES

This Sound Level Meter is designed to be used in noise project; quality control; illness prevention and cure and all kinds of environmental sounds measurement. It is applied to the sound 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
- dBA & dBC Weighting
- FAST & SLOW response
- Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder



TECHNICAL SPECIFICATION	SL-8050IL
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:	dBA/dBC
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 upper limit of range.
Analog output:	AC/DC outputs from earphone outlet AC=1 V rms 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 30hours
Operation temperature and humidity:	0 C~40C ,10% RH~90% RH
Dimension	: 278 (L) x 76 (W) x 50(H) mm
Weight	: 350g

Complete with following accessories:

: Instruction manual, battery, screwdriver, 3.5mm earphone plug, windscreen/ huffcover, software, USB cable, tripod and DC 9V power supply.