

CEM



This Sound Level Meter is designed for noise project, quality control, illness prevention & cure and all kinds of environmental sound measurements. It is used for the sound measurement at factory, school, office, traffic access and household etc.

DT-8852

SOUND LEVEL METER

- | 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
- | USB PC Interface
- | Analog AC/DC outputs for connection to frequency analyzer or X-Y shaft recorder

General Specifications

Standard applied	IEC61672 -1 CLASS2		
Accuracy	$\pm 1.4\text{dB}$		
Frequency range	31.5HZ ~ 8KHZ		
Dynamic range	50dB		
Memory	32700 Data		
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 Backlit 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 30hours		
Operation temperature and humidity	0°C~40°C, 10%RH~90%RH		
Storage temperature and temperature	-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, 3.5mm Earphone Plug, Windscreen, Software, USB Cable, Carrying Case.

