

CEM

DT-8850 Sound Level Meter



This Sound Level Meter has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and sound quality control in various environments. And This unit conforms to the IEC651 type 2 for Sound Level Meter.

Features:

1. Ranges from 35dB to 130dB at frequencies between 31.5Hz and 8 KHz.
2. Display with 0.1dB steps on a 4-digits LCD.
3. With two equivalent weighted sound pressure levels, A and C.
4. Both AC and DC signal output is available from both standard 3.5mm coaxial socket suitable for a frequency analyzer, level recorder, FFT analyzer, graphic recorder; etc.
5. High performance
6. Newly designed shape
7. Bulit-in calibration check
8. Max hold and Data hold function
9. Analog AC/DC outputs for connection to an analyzer or recorder

Specifications:

Standard applied	IEC651 type 2
Frequency range	31.5Hz~8KHz
Measuring level range	35~130dB
Frequency weighting	A/C
Microphone	1/2 inch electret condenser microphone
Calibration	Electrical calibration with the internal oscillator(1kHz sine wave)
Display	LCD
Digital display	4 digits
Resolution	0.1dB
Display Up data	0.5 sec.
Time weighting	FAST(125mS), SLOW(1 sec.)
Level ranges	Lo: 35-100dB Hi: 65-130dB
Accuracy	± 1.5 dB (under reference conditions)
Dynamic range	65dB
Alarm function	"OVER" is show when input is out of range
Maximum hold	Hold readings the Maximum Value, with decay <
1dB/3minutes.AC output	0.65 Vrms at FS(full scale), Output impedance: Approx.600 Ω (FS: means the upper limit of each level range.)
DC output	10mV/dB, output impedance approx. 100 Ω
Power supply	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
Power life	:About 50hrs(alkaline Battery)
Operation temperature	0 to 40°C(32 to 104°F)
Operation humidity	10 to 90%RH
Storage temperature	-10 to 60°C(14 to 140°F)
Storage humidity	10 to 75%RH
Dimensions (LxWxD)	245X64X31mm
Weight	255g(including battery)

Accessories:

9V battery, carrying case and gift box, Instruction manual.