



Digital Sound Level Meter Model 72-940

Full function sound level meter offers selectable response time and frequency weighting, plus provides AC and DC outputs. It is perfect for sound system testing, speaker system measurement and environmental noise level monitoring.

Features:

- A and C weighting
- Selectable fast / slow response time
- AC/DC level outputs for external recorder
- Self calibration with internal oscillator
- Selectable MAX hold and data hold function
- Two measurement ranges
- Large 3/4" digit LCD display
- Threaded insert which accepts standard tripod mount
- 1999 count display with 0.1dB resolution
- Removable windscreen
- Includes manual and 9V battery

Specifications

Standard applied:	IEC651 type 2, ANSI S1.4 type 2
Frequency range:	31.5Hz ~ 8KHz
Measuring level range:	30.0 ~ 130.0dB
Frequency weighting:	A/C
Microphone:	1/2 inch electret condenser
Calibration:	Electrical calibration with the internal oscillator (1kHz sine wave)
Display:	LCD
Digital display :	4 digits, 1999 count Resolution: 0.1dB Refresh rate: 0.5 sec.
Time weighting:	FAST (125mS), SLOW (1 sec.)
Level ranges:	Lo: 35 ~ 100dB Hi: 65 ~ 130dB
Accuracy:	± 1.5dB @1KHz, 94dB (under reference conditions)
Dynamic range:	65dB
Alarm function:	Displays "OVER" when input exceeds 100dB (Lo) and 130dB (Hi)
Maximum hold:	Holds maximum value reading with decay < 1dB / 3minutes
AC output:	0.65 Vrms at full scale of selected range. Output impedance: Approx. 600Ω
DC output:	10mV/dB, output impedance approx. 100Ω
Power supply:	One 9V battery, 006P or IEC 6F22 or NEDA 1604
Battery life:	About 50hrs (alkaline battery)
Operation temperature:	0 ~ 40°C (32 ~ 104°F)
Operation humidity:	10 ~ 90% RH
Storage Temperature:	-10 ~ 60°C (14 to 140°F)
Storage humidity:	10 ~ 75% RH
Dimension:	9 3/4" (L) x 2 1/2" (W) x 1" (D)
Weight:	255g (including battery)
Accessories:	9V battery, carrying case, instruction manual



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