



# Compact Digital Sound Level Meter Model 72-942

Compact sound level meter measures less than 9" in length, including the windscreen, yet provides selectable response time and frequency weighting. It is perfect for sound system testing, speaker system measurement and environmental noise level monitoring.

## Features:

- Selectable MAX hold and data hold function
- Two measurement ranges
- Large 3/4" digit LCD backlit display
- Threaded insert for tripod mount
- Auto power off
- 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 ~ 130dB
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: 30 ~ 100dB Hi: 60 ~ 130dB
Accuracy:	± 1.5dB @ 1KHz, 94dB (under reference conditions)
Alarm function:	Displays "OVER" when input exceeds 100dB (Lo) and 130dB (Hi)
Maximum hold:	Holds maximum value reading with decay < 1dB / 3minutes
Auto power off:	After approximately 15 minutes of inactivity
Power supply:	One 9V battery, 006P or IEC 6F22 or NEDA 1604
Power 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)
Dimension:	8-1/4" (L) x 2-1/4" (W) x 1-1/4" (D)
Weight:	230g (including battery)
Accessories:	9V battery, carrying case, instruction manual

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