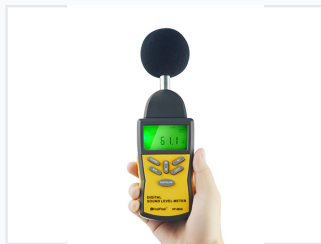


# Digital Sound Level Meter with LCD Display

This digital sound level meter measures sound pressure levels in decibels. It features an LCD display for easy reading and is suitable for various noise monitoring and testing applications.



## ADDITIONAL IMAGES



## Overview



The handheld unit features a large LCD and is powered by a standard 9V battery, meeting CE and RoHS standards.

## Professional Noise Monitoring Solution

This digital sound level meter is a precision instrument designed for accurate noise measurement across a wide range of industrial and environmental applications. Featuring a clear LCD display with backlighting, it provides reliable readings from 30dB to 130dB with both A and C frequency weightings. Its versatile design includes fast and slow response modes, making it an essential tool for safety inspections, acoustic analysis, and quality control.

## Key Performance Metrics

### Key Performance Metrics

**30 dB**

Min Range

**130 dB**

Max Range

**1.5 ±dB**

Accuracy

## Technical Specifications

### Time Weighting (Response)

- Fast (0.5s): For normal measurements
- Slow (1s): For average level of fluctuating noise

Measurement Range	30-130dBA, 35-130dBC
Frequency Range	31.5Hz - 8.5KHz
Frequency Weighting	A Weighting, C Weighting
Manual Level Ranges	30dB-80dB, 50dB-100dB, 60dB-110dB, 80dB-130dB

## Features & Interface



Detailed view of the interface including frequency weighting (A/C), time weighting (Fast/Slow), and AC/DC output terminals.

### Display Features

- LCD Digital Display
- Backlight function for low-light visibility
- Max Hold function to capture peak levels

### Output & Connectivity

- AC Output Terminal
- DC Output Terminal
- External DC 9V Power Input
- Tripod Mounting Screw

## Power & Environment

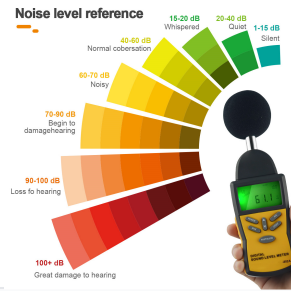
Power Supply	9V Battery (6F22) or External DC 9V
Operating Environment	0-40 , 10-80%Relative Humidity
Storage Environment	-10-60

## Compliance

### Certifications

CE • RoHS

## Noise Reference



Comparison chart showing typical decibel levels for various environments from quiet whispers to hazardous noise.

### Common Noise Level Reference

Environment	Sound Level (dB)
Silent/Quiet	20-40 dB
Normal Conversation	40-60 dB
Noisy Environment	60-70 dB
Hearing Damage Risk	70-90 dB
Great Damage to Hearing	100+ dB