

## **Sound Level Meter** Model R8050



TECHNICAL DATA



## **Features**

- High accuracy of ±1.4 dB meets Type 2 standards
- Dual range measurement (High and Low)
- A & C frequency weighting
- Fast & Slow time weighting
- Easy-to-read backlit LCD display
- Data hold and Max hold functions
- Tripod mount for long-term monitoring
- · Low battery indicator and auto shut off

· Includes microphone windshield ball, battery and carrying case

## R8050-KIT

Sound Level Meter & Calibrator Kit



Includes: R8050 Sound Level Meter, R8090 Sound Calibrator, and R8888 Hard Carrying Case with custom foam insert

## **Specifications**

Measuring Ranges: 30 to 130 dB

> Low: 30 to 100 dB High: 60 to 130 dB

Dynamic Range: 70 dB (in each range)

Accuracy: ±1.4 dB Resolution: 0.1 dB Response Time: 500mS

Frequency Range: 31.5 Hz to 8 kHz

Frequency Weighting: A. C

Time Weighting: Fast/Slow (125ms and 1s)

Microphone: 0.5" (12.7mm) electret condenser

4-digit LCD Display:

Backlit Display: Yes Data Hold: Yes Max: Yes

Alarm Indicators: Over (visual on-screen) Auto Shut Off: Yes (after 15 mins)

Tripod Mountable: Yes Low Battery Indicator: Yes

Power Supply: 9V Battery Battery Life: Approx 50 hours

Product Certifications: CE, IEC 61672-1 Class 2,

ANSI S1.4-1983

Operating Temperature: 32 to 104°F (O to 40°C) Storage Temperature: 14 to 140°F (-10 to 60°C)

Operating Humidity: 10 to 90% 8.3 x 2.2 x 1.3" Dimensions:

(210 x 55 x 32mm)

Weight: 8.1oz (230g)

| Model          | Description                               |
|----------------|---|
| R8050          | Sound Level Meter                         |
| R8090          | Sound Calibrator                          |
| REED-WB        | Windshield Ball                           |
| R1500          | Lightweight Tripod                        |
| CA-05A         | Soft Carrying Case                        |
| R8888          | Hard Carrying Case                        |
| R8050-NIST     | Sound Level Meter & NIST                  |
| R8050-KIT      | Sound Level Meter & Calibrator Kit        |
| R8050-KIT-NIST | Sound Level Meter & Calibrator Kit & NIST |