

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

Specifications

Measuring Ranges:	30-130 dB Low: 30-100 dB High: 60-130 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
Display:	4-digit LCD
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 (0 to 40°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity Range:	10-90%
Dimensions:	8.3 x 2.2 x 1.3" (210 x 55 x 32mm)
Weight:	8.1 oz (230g)

TECHNICAL DATA



R8050-KIT

Sound Level Meter & Calibrator Kit



Includes:
R8050 sound level meter,
R8090 acoustic calibrator, and
R8888 hard carry case with
laser etched custom foam interior

Model	Description
R8050	Sound Level Meter
R8090	Acoustic Calibrator
BS-6	Tripod
SB-01	Windshield Ball
R8888	Hard Carrying Case
CERTISL1	NIST Calibration Certificate
R8050-NIST	Sound Level Meter & NIST
R8050-KIT	Sound Level Meter & Calibrator Kit