

## Sound Level Meter Model R8075







This Sound Level Meter is a versatile and reliable tool for monitoring and analyzing noise levels between 30 and 130 dB. The R8075 features a high-resolution color TFT touchscreen display, user-selectable recording times, programmable alarm set points, a built-in desk stand and wall mount bracket.

#### **Features**

- High accuracy of ±1.4dB meets Type 2 standards
- A & C frequency weighting
- Fast & Slow time weighting
- Digital analog bargraph
- 7" (178mm) high-resolution color TFT LCD (1024 x 600 pixels)
- User adjustable high and low alarms
- Internal 16GB memory stores data points in CSV format
- Virtually limitless data logging capacity, supporting expansive data sets
- User selectable sampling rate from 1 second to 24 hours
- Internal time and date stamp
- Rechargeable Li-ion battery
- · Built-in desk stand and wall mounting bracket
- Low battery indicator

## TECHNICAL DATA

### **Specifications**

Functional Specifications

Measuring Range: 30-130dB

Dynamic Range: 50dB

Accuracy: ± 1.4dB

Resolution: 0.1dB

Response Time: 500mS

Frequency Range: 31.5Hz to 8kHz

Frequency Weighting: A, C

Time Weighting: Fast/Slow (125mS and 1s)
Microphone: 0.5" (12.7mm) electret condenser

Digital Analog Bargraph: Yes

**General Specifications** 

Display: 7" (178mm) high-resolution

color TFT

Display Resolution: 1024 x 600 pixels

Adjustable Brightness: Yes Datalogging Capabilities: Yes

Real-Time Clock and

Date Stamp: Yes Selectable Sampling Rate: Yes

(between 1 second and 24 hours)

Internal Memory: 16GB (Up to 247,

890, 307 data points)

Alarms: Yes (Low and High)

Kick Stand: Yes
Low Battery Indicator: Yes

Power Supply: 3000mAh rechargeable Li-ion

battery/power adapter

Battery Life: ~2 hours
Charge Time: ~9 hours

Product Certifications: CE, IEC61672-1 Class 2
Operating Temperature: 14 to 104°F (10 to 40°C)
Storage Temperature: 14 to 104°F (10 to 40°C)

Operating Humidity Range: 10-90%

Dimensions: 7.8 x 4.6 x 1"

(198 x 118 x 25.7mm)

Weight: 12.9oz (365g)

Model	Description
R8075	Sound Level Meter
REED-WB	Windshield Ball for Sound Level Meters
R8075-NIST	Sound Level Meter & NIST

# **REED Instruments**