**Sound Level Meter**  
Model R8050

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### 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 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 Weighing:** A, C
- **Time Weighing:** 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:** 10 to 90%
- **Dimensions:** 8.3 x 2.2 x 1.3” (210 x 55 x 32mm)
- **Weight:** 8.1oz (230g)

### R8050-KIT
Sound Level Meter & Calibrator Kit

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

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