TECHNICAL DATA

**Specifications**

- **Measuring Ranges:**
  - 30 to 130 dB
  - Low: 30 to 90 dB
  - Med: 50 to 110 dB
  - High: 70 to 130 dB
  - Full: 30 to 130 dB

- **Dynamic Range:**
  - 60 dB (in each range)

- **Accuracy:**
  - ± 1.4 dB

- **Resolution:**
  - Digital: 0.1 dB
  - Analog: 2 dB

- **Response Time:**
  - Digital: 500 ms
  - Analog: 50 ms

- **Frequency Range:**
  - 20 Hz to 8 kHz

- **Frequency Weighting:**
  - A, C

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

- **Microphone:**
  - 0.5" (12.7 mm) electret condenser

- **Display:**
  - 4-digit LCD
  - Backlit: Yes
  - Min: Yes
  - Max: Yes
  - Alarm Indicators: Under and Over (visual on-screen)

- **Datalogging Capabilities:**
  - Yes

- **Real-Time Clock and Date Stamp:**
  - Yes

- **Selectable Sampling Rate:**
  - Yes (between 1 s and 60 s)

- **Internal Memory:**
  - 1 MB (64,000 datapoints)

- **Auto Shut-off:**
  - Yes (after 30 mins/off)

- **Tripod Mountable:**
  - Yes

- **Low Battery Indicator:**
  - Yes

- **Power Supply:**
  - 4 x AAA Batteries

- **Output:**
  - Yes (AC/DC)

- **Battery Life:**
  - Approx 50 hours

- **PC Connectivity:**
  - USB

- **Software OS Compatibility:**
  - Windows XP/Vista/7/8/10/11

- **Product Certifications:**
  - CE, IEC 61672-1 Class 2
  - ANSI S1.4 Type 2

- **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:**
  - 10.4 x 2.5 x 1" (264 x 63 x 29 mm)

- **Weight:**
  - 8.8 oz (245 g)

**Features**

- High accuracy of ±1.4 dB meets Type 2 standards
- Triple range measurement (60 dB dynamic range)
- A & C frequency weighting
- Fast & Slow time weighting
- Record up to 64,000 datapoints and keep track with internal time and date stamp
- User selectable sampling rate from 1 to 60 seconds
- Large, easy-to-read backlit LCD display
- Digital analog bargraph
- Min/Max hold and auto shut off
- Tripod mount for long-term monitoring
- Low battery indicator
- Includes windshield ball, USB cable, PC software, hard carrying case and batteries

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Continued...
R8080-KIT
Data Logging Sound Level Meter & Calibrator Kit

Includes:
R8080 Data Logging Sound Level Meter, R8090 Sound Calibrator, and R8888 Hard Carrying Case with custom foam insert

R8080-KIT2
Data Logging Sound Meter with Tripod Kit

Includes:
R8080 Data Logging Sound Level Meter and R1500 Tripod

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<td>Data Logging Sound Level Meter</td>
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<tr>
<td>R8090</td>
<td>Sound Calibrator</td>
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<td>REED-WB</td>
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<td>CA-05A</td>
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