

### Features

- High accuracy of  $\pm 1.4$ dB meets Type 2 standards
- Triple range measurement (60dB dynamic range)
- A & C frequency weighting
- Fast & Slow time weighting
- Large, easy-to-read LCD display
- Digital analog bargraph
- Min/Max hold
- AC/DC output signal for use with dataloggers
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes windshield ball, soft carrying case and battery

### Specifications

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| Measuring Ranges:        | 30 to 130dB<br>Low: 30 to 90dB<br>Med: 50 to 110dB<br>High: 70 to 130dB |
| Dynamic Range:           | 60dB (in each range)                                                    |
| Accuracy:                | $\pm 1.4$ dB                                                            |
| Resolution:              | Digital: 0.1dB<br>Analog: 2dB                                           |
| Response Time:           | Digital: 500ms<br>Analog: 100ms                                         |
| Frequency Range:         | 20Hz to 8kHz                                                            |
| Frequency Weighting:     | A, C                                                                    |
| Time Weighting:          | Fast/Slow (125ms and 1s)                                                |
| Microphone:              | 0.5" (12.7mm) electret condenser                                        |
| Digital Analog Bargraph: | Yes (30 segment)                                                        |
| Display:                 | 4-digit LCD                                                             |
| Min:                     | Yes                                                                     |
| Max:                     | Yes                                                                     |
| Alarm Indicators:        | Under and Over (visual on-screen)                                       |
| Auto Shut-off:           | Yes (after 30 mins/off)                                                 |
| Tripod Mountable:        | Yes                                                                     |
| Low Battery Indicator:   | Yes                                                                     |
| Power Supply:            | 9V Battery                                                              |
| Output:                  | Yes (AC/DC)                                                             |
| Battery Life:            | Approx 50 hours                                                         |
| Product Certifications:  | CE, IEC 61672-1 Class 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:              | 10.2 x 2.2 x 1" (258 x 55 x 25mm)                                       |
| Weight:                  | 6.5oz (185g)                                                            |

### TECHNICAL DATA



| Model      | Description              |
|------------|--------------------------|
| R8060      | Sound Level Meter        |
| R8090      | Sound Calibrator         |
| REED-WB    | Windshield Ball          |
| R1500      | Lightweight Tripod       |
| CA-05A     | Soft Carrying Case       |
| R8888      | Hard Carrying Case       |
| R8060-NIST | Sound Level Meter & NIST |