

## SOUND LEVEL METER/DATA LOGGER

## TECHNICAL DATA

### FEATURES

- Meets IEC 61672-1 Class 2 requirements
- Records up to 64,000 datapoints (1MB)
- 60dB dynamic space in each range
- Real time clock and calander
- Fast/Slow time weighting
- "A & C" frequency weighting
- Min/Max function
- USB Interface
- Low level battery indicator
- Analog digital bargraph
- Backlit LCD display
- Tripod mount design for longterm monitoring
- Includes windscreen, USB cable, Windows software, batteries and hard carrying case

### SPECIFICATIONS

- Measuring Range:** Low: 30 to 90 dB;  
Med: 50 to 110 dB; High: 70 to 130 dB  
Auto: 30 to 130 db
- Dynamic Range:** 60BdB
- Accuracy:**  $\pm 1.4$  dB
- Resolution:** 0.1 dB
- Sample Rate:** Digital: 0.5 sec. Analog: 50 mS
- Frequency Range:** 20 Hz to 8 kHz
- Time Weighting:** Fast/Slow
- Microphone:** 1/2" electret condenser
- Power Supply:** 4 x AAA batteries
- Battery Life:** 50 hours
- Operating Temperature:** 32 to 104°F (0 to 40°C)/<80% RH
- Memory:** Up to 64,000 records (1MB)
- Dimensions:** 10.4 x 2.5 x 1.2" (264 x 63 x 29mm)
- Weight:** 8.8 oz (250g)



### ORDERING INFORMATION

- R8080 .....Sound Level Meter/Datalogger  
R8090 .....Acoustic Calibrator  
SB-01.....Windshield Ball  
BS-6..... Tripod  
CERTISL1 ..... NIST Calibration Certificate  
R8080-NIST.....Sound Level Meter & NIST