

# REED

# THE RIGHT SOURCE THE RIGHT SOLUTIONS

## SOUND LEVEL METER/ DATA LOGGER

## TECHNICAL DATA

### FEATURES

- Measures sound levels in accordance with IEC61672 Class 2 specifications
- A/C frequency weighting
- Fast/Slow time weighting
- Peak hold, Data hold and Max/Min record
- Easy to read LCD with backlight
- Real time data logger with integral 2GB SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Easy to read LCD with backlight
- Auto or manual power off

### SPECIFICATIONS

**Measuring Range:** 30 to 130dB

**Resolution:** 0.1dB

**Accuracy:** 31.5Hz ± 3.5 dB, 63 Hz ± 2.5 dB, 125 Hz ± 2.0 dB, 250 Hz ± 1.9 dB, 500 Hz ± 1.9 dB, 1 kHz ± 1.4 dB, 2 kHz ± 2.6 dB, 4 kHz ± 3.6 dB, 8 kHz ± 5.6 dB

**Frequency Weighting:** A: Human Ear Listening; C: FLAT Response

**Time Weighting:** Fast: 200ms; Slow: 500ms

**Frequency Range:** 31.5 to 8,000Hz

**Auto Sampling Time:** 1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600 seconds

**Memory Card:** SD memory card, 1 GB to 16 GB

**Data Output:** USB/RS232 PC computer interface

**AC Output:** 0.5 Vrms corresponding to each range step

**Output Impedance:** 600Ω

**Power Supply:** 6 x 1.5V UM3/AA batteries

**Dimensions:** Meter: 245 x 68 x 45mm; Microphone: 12.7mm dia.

**Weight:** 489g (1.08 lb)



### ORDERING INFORMATION

- SD-4023** ..... **Sound Level Meter/Data Logger**
- SC-05**..... **Sound Level Calibrator**
- SB-01**..... **Wind Shield Ball**
- SD-2GB** ..... **2GB SD Memory Card**
- USB-01** ..... **USB Cable**
- UPCB-01** ..... **RS232 Cable**
- SW-U801-WIN**..... **Data Acquisition Software**
- CA-05A** ..... **Soft Carrying Case**
- BS-6**..... **Tripod**
- CERTISL1** ..... **Accredited Calibration Certificate**

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