

# SOUND & LIGHT METERS



## DATA LOGGING SOUND LEVEL METER & CALIBRATOR KIT

- Comes equipped with the tools you need to conveniently calibrate your sound level meter in the field
- Sound level meter meets IEC 61672-1 Class 2 requirements, records up to 64,000 data points (1MB), and features 60dB dynamic space in each range
- Sound level meter features real-time clock and calendar, fast/slow time weighing, min/max function, USB interface, backlit LCD display, and a tripod mount design for long-term monitoring
- Professional grade, injection-molded hard plastic case with laser-etched, custom foam interior specifically designed for the included instruments
- Sound calibrator generates a stable acoustic signal at a controlled frequency and amplitude to verify the accuracy of your sound level meter
- Sound calibrator complies with IEC 942 Class 2 standards
- Includes: R8080 Sound level meter/data logger (with 4 AAA batteries), R8090 Sound level calibrator (with 9V battery), R8888 Deluxe hard carrying case, Windshield ball
- Sound Level Meter Frequency Range: 20 Hz to 8 kHz
- Sound Level Meter Measuring Ranges: Low (30-90 dB), Medium (50-110 dB), High (70-130 dB)
- Sound Level Meter Dynamic Range: 60 dB (In Each Range)
- Sound Level Meter Accuracy:  $\pm 1.4$  dB
- Sound Calibrator Accuracy:  $\pm 0.5$  dB
- Sound Calibrator Output Frequency: 1000 Hz  $\pm 4\%$
- Sound Calibrator Output Sound Pressure: 94dB & 114dB



**REED**

Model No.	Mfg. No.	Frequency Weighting	Display Type	Price/Each
IC454	R8080-KIT	A and C	Digital	
IB820	R1500	Tripod with Instrument Adapter		

## SOUND LEVEL METERS

- Measuring Range: 30 - 90 dB/50 - 110 dB/70 - 130 dB
- Data Logging / Not Data Logging: Not Data Logging



**REED**

Model No.	Mfg. No.	Description	Price/Each
HN404	R8060	Sound Level Meter	
NJW187	R8060-NIST	Sound Level Meter w/ISO Certificate	
IB820	R1500	Tripod with Instrument Adapter	

## SOUND LEVEL METERS

- 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
- Real time data logger with integral SD memory card (optional)
- Measuring Range: 30 to 80 dB, 50 to 100 dB, 80 to 130 dB



**REED**

Model No.	Mfg. No.	Description	Price/Each
IC578	R8070SD	Sound Level Meter	
IC494	RSD-ADP-NA	Power Adapter	
IC495	RSD-16GB	16GB Memory Card	
IB820	R1500	Tripod with Instrument Adapter	

## SOUND METER

- A and C weightings for checking compliance with safety regulations as well as acoustic analysis
- Measuring ranges - A Weighting 30 ~130dB, C Weighting 35~130dB
- Display with 0.1dB steps on a 4 digits LCD
- Slow (1 sec) and fast (125ms) response settings to check peak and average noise levels
- MAX/MIN recording
- Data Hold to freeze reading on digital display
- Includes: Carrying case, windscreen, user manual and 9V Battery
- CE, designed to meet IEC651 Type2, ANSI S1.4 Type2



**AMPROBE**

Model No.	Mfg. No.	Description	Price/Each
IC072	SM-10	Sound Meter	

## SOUND LEVEL METERS/DATA LOGGERS

- Measuring Range: Low: 30 to 90 dB; Med: 50 to 110 dB; High: 70 to 130 dB Auto: 30 to 130 dB
- Dynamic Range: 60 dB • 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
- Frequency Weighting: A and C
- Microphone: 1/2" electret condenser
- Power Supply: 4 x AAA batteries
- Meets IEC 61672-1 Class 2 requirements
- Records up to 64000 datapoints (1 MB)
- 60 dB dynamic space in each range
- Real time clock and calendar
- Fast/slow time weighting
- Min/Max function • USB Interface
- Analog digital bar graph • Backlit LCD display
- Tripod mount design for long-term monitoring
- Includes windscreen, USB cable, Windows software, batteries and hard carrying case



**REED**

Model No.	Mfg. No.	Description	Price/Each
IB749	R8080	Sound Level Meter/Data Logger	
NJW188	R8080-NIST	Sound Level Meter/Data Logger w/ISO Certificate	
IB820	R1500	Tripod with Instrument Adapter	

## WIND SHIELD BALLS

- Wind shield ball for sound level microphones
- Compatible with all Reed sound level meters
- Size: 65 mm dia.

Model No. HN408  
Mfg. No. REED-WB  
Price/Each \$



**REED**

## SOUND CALIBRATORS

- Two outputs levels 94 dB and 114 dB (at 1 kHz)
- Diecasting aluminum alloy housing case
- Two 9 V batteries
- Size: 50 mm dia. x 82 mm

Model No. IA661  
Mfg. No. R8090  
Price/Each \$



**REED**