CERTIFICATION TRACEABLE **AVAILABLE!**

WARRANTY 1 YEAR **WARRANTY**

Features

- High accuracy of ±1.5dB
- A & C frequency weighting
- Fast & Slow time weighting
- Easy to operate, designed for one hand operation
- Integrated display provides flexibility for use without mobile device
- Magnetic backing allows instrument to be mounted to metallic surfaces
- Data Hold function
- Low battery indicator and auto shut off
- Tripod mount for long-term monitoring

When used with REED Smart Series App:

- Real-time data logger
- User selectable sampling rate from 1 to 120 seconds
- Bluetooth® 5.0 provides connectivity to instruments up to 246' (75m) away
- Connect, measure and datalog up to 6 instruments, simultaneously
- Easy setup with automatic app integration for compatible REED Smart Series instruments
- Export data via Excel or PDF and create custom reports that can be emailed from mobile device
- Includes 4 x AAA batteries and windshield ball

Continued…

Specifications

Measuring Range:	30 to 130dB	Low Battery Indicator:	Yes
Accuracy:	±1.5dB (at 1kHz)	Power Supply:	4 x AAA Batteries
Resolution:	0.1dB	Battery Life:	Approx. 50 hours
Display:	Enhanced Black Twisted Nematic (EBTN) LCD		(sampling time dependent)
Display Size:	1.3" (34mm)	Connectivity:	Bluetooth® 5.0
Backlit Display:	Yes	Bluetooth® Range:	Up to 246' (75m)
Data Hold:	Yes	Max # of	
Time Weighting:	Fast/Slow (125mS and 1s)	Connected Devices:	6
Frequency Range:	31.5Hz to 8kHz	Software:	REED Smart Series App
Refresh Rate:	Fast 0.5 times/second,		(iOS and Android)
	Slow 1 times/second	App Supported	
Frequency Weighting:	A/C	Languages:	English, French
Microphone:	0.5" (12.7mm)	Product Certifications:	CE, UKCA, FCC, IC ID
	electret condenser	Maximum	
Datalogging Capabilities:	Yes (with Smart Series App)	Operating Altitude:	6561' (2000m)
Real-Time Clock and		Operating Temperature:	32 to 104°F (0 to 40°C)
Date Stamp:	Yes (with Smart Series App)	Storage Temperature:	-4 to 140°F (-20 to 60°C)
Customizable		Operating	
Sampling Rate:	Yes	Humidity Range:	10 to 90%
Overrange Indicator:	Yes	Storage	
Auto Shut-off:	Yes (adjustable)	Humidity Range:	10 to 90%
Tripod Mountable:	Yes	Dimensions:	7.1 x 1.5 x 1"
Magnetic Backing:	Yes		(180 x 38 x 25mm)
		Weight:	3.5oz (100g)

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TECHNICAL DATA

R16X0-KIT
Data Logging Bluetooth
Smart Series Kit

Includes:
R1600 Vane Anemometer,
R1610 Thermo-Hygrometer,
R1620 Sound Level Meter,
R1630 Light Meter,
R1640 Thermocouple
Thermometer and R9950 Large
Soft Carrying Case

R16X0-KIT2
Data Logging Bluetooth
Smart Series Environmental Kit

Includes:
R1600 Vane Anemometer,
R1620 Sound Level Meter,
R1630 Light Meter and
CA-05A Medium Soft
Carrying Case

R1620-KIT
Data Logging Smart Series Sound
Level Meter with Sound Level
Calibrator, Precision Calibration
Screwdriver and Carrying Case

Includes:
R1620 Sound Level Meter,
R8090 Sound Level Calibrator,
R1300 Calibration Screwdriver
and CA-05A Medium Soft
Carrying Case

R1620-KIT2
Data Logging Smart Series
Sound Level Meter with Tripod
and Carrying Case

Includes:
R1620 Sound Level Meter,
R8090 Sound Level Calibrator,
R1500 Tripod and CA-05A
Medium Soft Carrying Case

Model	Description
R1620	Sound Level Meter
R8090	Sound Level Calibrator
R1300	Calibration Screwdriver
CA-52A	Small Soft Carrying Case
R8888	Medium Hard Carrying Case
R1500	Tripod
R1620-KIT	Data Logging Smart Series Sound Level Meter with Sound Level Calibrator, Precision Calibration Screwdriver and Carrying Case
R1620-KIT2	Data Logging Smart Series Sound Level Meter with Tripod and Carrying Case
R16X0-KIT	Data Logging Bluetooth Smart Series Kit
R16X0-KIT2	Data Logging Bluetooth Smart Series Environmental Kit
R1620-NIST	Sound Level Meter & NIST
R1620-KIT-NIST	Data Logging Smart Series Sound Level Meter with Sound Level Calibrator, Precision Calibration Screwdriver and Carrying Case & NIST