



## CRY2851 Sound Level Meter

CRY2851 Sound Level Meter is designed for noise measurement, environmental and industrial product measurement.

With high-performance processor, CRY2851 has ability to do frequency analysis, data logging, wireless control and transmission accurately and reliably.

CRY2851 Sound Level Meter follows IEC 61672-1:2013 Class 1, IEC 61260-1:2014 Class 1 Standard.

### Application

- Noise measurement
- Environment noise assessment
- Product EOL noise control
- Occupational noise assessment

### Feature

- ★ Single measurement range: 19-135dB(A) from noise floor to maximum level
- ★ Support SD Card
- ★ Ethernet/Bluetooth/WiFi for remote control and data transmission
- ★ GPS for time and position
- ★ 1/1,1/3 octave and frequency analysis

## Specification

Microphone	
Sensor	CRY333 free-field 1/2" microphone
Open-circuit Sensitivity	50mV/Pa(-26dB re 1 V/Pa)±2dB
Frequency Range	3.15Hz~20kHz(±2dB)
Noise Floor	≤18dB(250Hz)
Standard	
Standard	IEC 61672-1:2013 Class 1
	IEC 61260-1:2014 Class 1
Technical Specification	
Weighting	Frequency Weighting: A、C、Z Time Weighting: F、S
Frequency Range	10Hz-20kHz
Measuring Parameter	Lp, Lmax, Lmin, Leq, Lpeak, LN(1-99), SD, Ldn, Ld, Ln, EA, LAE(SEL), 1/1 OCT, 1/3 OCT, FFT
Single Measurement Range (from noise floor to maximum level)	CRY333 Mic: 19-135dBA



## Power Supply

Battery	6600mAh lithium battery
Operation Time	9.5h(max brightness,BT and WiFi)
Charging Time	4h (2A input current)
External Power Supply	USB Type C
USB Input Voltage	5V DC
USB Input Current	>1.5A

## Calibration Environment

Reference Level	94dB@1kHz/114dB@1kHz
Calibration	Sound Calibrator Class 1
Environment	Temperature 23°C Pressure 101.325kPa Humidity 50% RH
Operation Condition	Temperature -10~+50°C, Pressure 65kPa-108kPa Humidity ≤90% RH

## Physical

Dimension	L*W*H=260mm*90mm*40mm
Weight	460g
Operation	Touch / Button

