

## Sound Level Meter DSM 72

### Key Features

- Small and Light Weight
- Latest Digital Signal Processing Technology
- Wide Dynamic Range
- RS232 Output is Available
- Wide Warm Design, Operating Temperature from  $-15^{\circ}\text{C}$  to  $50^{\circ}\text{C}$
- Complies with IEC 61672 Class 1

### Product Uses

- Widely use in Industrial Noise Surveys Machinery, Vehicles, Ships and etc
- Community and Industrial Noise Measurement
- Checking Compliance with Noise Rating Recommendations
- Traffic Noise Measurement



## Class 1



## Technical Specifications

Model	DSM 72
Standard Fulfils	IEC 61672:2013 Class 1
Specialty	Super Function
Microphone	CAN 14425
Frequency Weighting	A, C, Z
Time Weighting	F, S, I Peak
Measurement Range	25dB (A) ~140dB (A)
Accuracy	±0.5 dB
Frequency Range	10 Hz – 20 kHz
Self Generated Noise	<18 dBA
Display	128 x 64 OLED
Weight	0.42 KG
Dimensions	313×75×35 mm
Output	AC, DC, RS 232, USB
Sampling Frequency	48kHz
Integrating Function	Yes
Integrating Time	1s~24h
Main Parameters of Measurement	LeqT, LFmax, Lmax@D, LFmin, LFmin@D, LSmax, LSmin, LImax, LImin, TWA, SEL, L5, L10, L50, L90, L95, SD
Statistical Analysis Function	Yes
Over Limit Indication	Yes, Limits can be settled
Data Storage	Yes, 8000 Groups
Recoding Function	Optional (software authorized)
Power Supply	Battery 4×LR 6 or Lithium battery
Working Environment	Air temperature: -15°C ~+50°C Relative humidity: 10 %~90 % Air pressure: 65 kPa~108 kPa
Application	Sound Level Meter/ Noise Dosimeter/ Data logging & amp; Precision recording (Opt)
Package Contents	DSM 72 Sound Level Meter, Calibration Certificate, Class 1 Field Calibrator (OPTIONAL), Prepolarized Condenser Microphone, Windscreen, RS232 Cable, Mini USB Cable User Manual, Carrying Case

