



# ***Sound Level Meter LSDM-A11***

### DESCRIPTION :

Sound Level Meter LSDM-A11 is a universal sound level meter that measures the exponential time weighted sound level. It is small in size, light in weight and easy to carry unit. It has 1/2 inch electret condenser type microphone and offers 4 measurement parameters Lp (sound level), Leq (Equivalent Continuous A Sound Level ), Lmax ( Maximum Sound Level) and LN (Percent of all readings over alarm value set with 4 digit LCD display, function mark, time weighting, weighting icon and data memorized. Permits choice 'A', 'C', 'F' weighting and 'Fast' / 'Slow' response times and interface use RS-232 data output to connect with PC.

### FEATURES :

- Permits choice 'A', 'C', 'F' weighting and 'Fast' / 'Slow' response times
- 4 measurement parameters used
- Memorize 30 groups of measurements
- Designed with 4 digit LCD display, function mark, time weighting and weighting icon
- 94 dB at 1k Hz (sinusoidal) Calibration
- Use RS-232 data output to connect with PC

### APPLICATION :

Sound Level Meter is used to test the sound level of environment, machinery, vehicle, ship and other noise also used for industrial environmental protection, construction, health care, teaching and research department.

### SPECIFICATION :

<b>MODEL</b>	<b>LSDM-A11</b>
Standards	IEC 651.2, ANSI 1.4.2
Parameters	Lp-Sound Level
Measured Leq	Equivalent Continuous A Sound Level
Measured Lmax	Maximum Sound Level
Measured LN	Percent of All Readings Over Alarm Value Set
Testing Range Lp	30 to 130 dB ( A Weighting )
	35 to 130 dB ( C Weighting )
	40 to 130 dB ( F Weighting )

## Sound Level Meter LSDM-A11

Testing Range Leq	30 to 130 dB (10 Seconds, 1 Min, 5 Min, 10 Min, 15 Min, 30 Min, 1 Hour, 8 Hours, 24 Hours)
Testing Range LN	0 to 100 %
Resolution	0.1 dB
Accuracy	1 dB
Frequency	'A' / 'C' / 'F' (Flat)
Time Weighting	Fast (125 ms) / Slow (1 Second)
Microphone	1/2 Inch Electret Condenser Type
Memory	30 Groups with Measuring Conditions
Calibration	94 dB at 1k Hz (sinusoidal)
Frequency Range	20 to 12, 500Hz
Alarm Value Set	30 to 130 dB
Alarm Output	LED Optional Relay Contact (NC)
Indicator	Low Battery Indicator
Dimensions	236 × 63 × 26 mm
External DC	6V, DC, 100mA
Power Supply	4 × 1.5 V AAA Size (UM-4) Battery
Weight	170 g

## STANDARD ACCESSORIES :

Accessories no.	Name
1	Windscreen
2	Carrying Case(B04)
3	Operation Manual