



ENGLISH

Datasheet

Stock No. 123-2225

SLM 52N

Sound Level Meter



FEATURES :

- Compliant with IEC 61672-1 class2 standard
- Five range from 30 to 130dB
- 0.1dB Resolution
- 60dB Dynamic range
- A&C Frequency weighting
- Fast/Slow Time weighting
- Maximum function
- Manual data memory and read

SPECIFICATION:

Applicable standards	IEC61672-1 : 2013 Class 2, ANSI S1.4 : 1983 Type 2				
Digital display	4 digit LCD , 0.1dB resolution, updated every 1s				
Measurement level	30dB to 130dB				
Measurement frequency range	31.5 Hz to 8KHz				
Frequency weighting	A and C				
Time weighting	Fast and Slow				
Microphone	1/2 inch Electret condenser microphone				
Measurement level range	5 ranges in 10-dB step : 30 ~ 90dB, 40 ~ 100dB, 50 ~ 110dB, 60 ~ 120dB, 70 ~ 130dB				
Quasi-analog bar indicator	1-dB steps, 60dB display range , updated every 0.125s				
Display warning function Overrange indicator Underrange indicator	<table border="0"> <tr> <td style="background-color: black; color: white; padding: 2px;">Ov</td> <td>Displayed at the upper limit</td> </tr> <tr> <td style="background-color: black; color: white; padding: 2px;">Un</td> <td>Displayed at the lower limit</td> </tr> </table>	Ov	Displayed at the upper limit	Un	Displayed at the lower limit
Ov	Displayed at the upper limit				
Un	Displayed at the lower limit				
Manual data memory capacity	99 sets				
Analog AC / DC output	1Vrms (at full scale) , 10mVDC / dB				
Power supply	One 9V battery (006P or IEC6F22)				
Battery Life	about 25 hours				
Operating temperature & humidity	-10°C to 50°C (14°F to 122°F) R.H. < 90% non-condensing				
Storage temperature & humidity	-10°C to 60°C (14°F to 140°F) R.H. < 70% non-condensing				
Dimensions	264x68x27mm				
Weight	Approx. 260g				
Accessories	Battery 9V, Screwdriver (adjustment), 3.5φ plug (3pin AC/DC output), Carrying case, Instruction manual.				