

FEATURES

- MAX hold function
- USB data interface
- AC and DC signal output
- Alarm setting facility
- 4 digit LCD display

RS PRO SLM1352P Sound Level Meter 8kHz 30→130dB

RS Stock No.: 122-4294



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted RS PRO brand, this SLM 1352P is designed to meet the requirements of safety, health, industrial safety officers and sound quality control in different environments. It is an instrument of choice for spot checks and longer-term monitoring. RS PRO SLM 1352P incorporates a data logging facility (with USB interface) and time weighting (select FAST for normal measurements or SLOW for checking average level of fluctuating noise.)

General Specifications

Model Number	SLM1352P
Sound Level Measurement Range	30dB-130dB
Selectable ranges	30 dB –90dB, 40 dB –100dB, 50 dB –110dB, 60 dB –120dB or 70dB –130dB in five ranges
Microphone	1/2 inch Electret condenser microphone
Frequency Range	31.5Hz to 8000Hz
Resolution	0.1dB
Accuracy Class	IEC 61672-1:2002 Class 2
Frequency Weighting	A, C
Output	2Vrms (at full-scale of the range) 10mV/dB
Display Type	LCD
Data Logging	Yes
Interface Type	USB
Applicable Standards	IEC61672-1: 2003 Class 2, IEC60651: 1979 Type 2, ANSI S1.4: 1983 Type 2

Electrical Specifications

Power Source	Qty 4 x 1.5V IEC R6P (size “AA”) manganese super heavy duty batteries or equivalent
Battery Type	AA, LR6
Battery Life	about 50hours

Mechanical Specifications

Dimensions	265mm x 72mm x 36mm
Weight	Approx. 380g

Operation Environment Specifications

Operating Humidity	30% to 90%RH non-condensing
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-10°C to +60°C

Approvals

Compliance/Certifications	RoHS
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SPECIFICATIONS

Applicable standards	IEC61672-1: 2003 Class 2, IEC60651: 1979 Type 2, ANSI S1.4: 1983 Type 2
Display screens	4 digit numerical indication of sound level, from 30.0 to 130.0dB with 0.1dB resolution
Measurement frequency range	31.5 to 8000Hz
Microphone	1/2 inch Electret condenser microphone
Sound level range indicator	30–90dB, 40–100dB, 50–110dB, 60–120dB or 70–130dB in five ranges
Warning indicator	OVER displayed at upper limit of the range UNDER displayed at lower limit of the range
AC output	2Vrms (at full-scale of the range)
DC output	10mV/dB
Power requirements	Qty 4 x 1.5V IEC R6P (size "AA") manganese super heavy duty batteries or equivalent
Battery life	about 50 hours
Operating conditions	-10°C to +50°C, 30% to 90%RH non-condensing
Storage conditions	-10°C to +60°C, <70%RH non-condensing
Dimensions	265 x 72 x 36mm
Weight	Approx. 380g
Supplied accessories	Instruction manual, Battery, Carrying case, Adjustment screwdriver, Software, Wind shield, USB connecting cable, 3.5φ plug
Optional equipment	AC adaptor, Sound calibrator SLC 1356