

Sound Level Meter with Alarm

Unique programmable limit provides a warning when sound level exceeds the setpoint

Features

Continuous Monitoring of Sound Level

Wall, desk or tripod mount with optional cable for remote microphone location

Over Limit Indication

User settable high limit (30 to 130dB) with large OVER indication with output to drive external relay module

LARGE DISPLAY

Digital display with bargraph can be viewed from up to 30 feet

Displays Max dB with date/time stamp

Know exactly when the maximum noise level occurred

Meets ANSI and IEC Type 2

High accuracy means compliance to OSHA and other regulatory bodies

Total monitoring and Alarm System

Use the SL120 with optional relay module to create your own monitoring system

Additional Features

- Programmable ON/OFF times extends battery life
- Rear panel controls prevent unauthorized programming
- Output for connecting optional relay module
- Complete with 8 'AA' batteries; optional AC adaptor

Specifications

Display	4.6 x 3.125" multifunction LCD
Frequency bandwidth	31.5 Hz to 8 kHz
Microphone	0.5" Electret Condensor Microphone (remoteable)
Measurement ranges	30 to 80dB, 60 to 110dB, 80 to 130dB
Frequency weighting	'A' and 'C' (Programmable)
Response time	Fast (125ms) / Slow (1s) (Programmable)
Resolution	0.1dB
Alarm output	3.5mm Mono Phone Plug, Maximum: 3.4mA @ 5 VDC
Minimum Output	Voltage: 2.5 VDC
Battery life	240hrs continuous (approx); 30 days @ 8hrs/day
Dimensions / Weight	8.75x7.1x1.25" / 0.63 lbs. (22x18x3.2mm / 285g)



Recessed rear panel controls for setting Range, A/C Weighting, Fast/Slow Response, Limit, Clock and Start/Stop Times.



Optional AC (SL123) or DC (SL124) alarm relay module with 9 foot (3m) cable



Microphone rotates 180° for desired placement. Optional 15ft (5m) microphone extension cable for remote monitoring



Ordering Information

SL120Sound Level Meter with Alarm
SL120-NIST.....Sound Level Meter with NIST certificate
SL125Remote Microphone cable 15'

Alarm Relay

SL12310A AC Alarm Relay Module 9 foot cable (3m)
SL1243A DC Alarm Relay Module 9 foot cable (3m)

AC Adaptors and Calibrator

153117120V AC Adaptor
153230220V AC Adaptor
153240240V AC Adaptor
407744Sound Level Calibrator, 94dB

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