

Sound Level Monitor 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 and illuminated sign for a complete monitoring system.

Additional Features

- Programmable ON/OFF times extends battery life
- Rear panel controls prevent unauthorized programming
- Output for connecting optional relay module
- Optional single sided or double sided warning sign
- 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)

Ordering Information

SL120	.....Sound Level Monitor	.....\$249
SL120-NIST	.....Sound Level Monitor with NIST certificate	.....\$364
SL125	.....Remote Microphone cable 15'	.....\$29

Alarm Relay

SL123	.....10A AC Alarm Relay Module 9 foot cable (3m)	...\$99
SL124	.....3A DC Alarm Relay Module 9 foot cable (3m)	...\$99

Illuminated Light Boxes (blank red display)

SIGN-101	.....Illuminated Light Box, single sided, 110V AC	....\$49
SIGN-102	.....Illuminated Light Box, single sided, 220V AC	....\$69
SIGN-201	.....Illuminated Light Box, double sided, 110V AC	...\$59
SIGN-202	.....Illuminated Light Box, double sided, 220V AC	...\$79

AC Adaptors and Calibrator

153117	.....120V AC Adaptor	.....\$25
153230	.....220V AC Adaptor	.....\$25
153240	.....240V AC Adaptor	.....\$25
407744	.....Sound Level Calibrator, 94dB	.....\$299



Illuminated light box shown with warning message sign supplied by user.
Dimensions: 12"(W) x 7.5"(H) x 2"(D) (305 x 191 x 51mm)

Optional metal framed, red paneled sign illuminates when user-programmed noise limits are exceeded. Used in conjunction with the SL123 (AC) or SL124 (DC) output relay module. Wall or ceiling mount.



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