

Sound Level Alert with Alarm

 **Built-in LEDs alert user when sound level is too high or too low**
LEDs can be read from 30m (100ft)

Features:

- Ideal for industrial, hospital, auditoriums, schools and other areas where there is a need for being alerted when sound level reaches set point
- Meets ANSI Type 2 and EN 60651 accuracy specs compliant to OSHA
- User settable high or low limit (30 to 130dB) indication with output to drive external relay module
- Microphone rotates 180° for desired placement. Optional 5m (15ft) microphone extension cable for remote monitoring
- Complete with 100-240V AC 50/60Hz adaptor, microphone wind cover, and built-in wall, desk and tripod mount (optional Tripod TR100)

Applications:

- Industrial, Hospitals, Classrooms, and special quiet zones –
When the sound level exceeds the HI set point the RED LEDs flash and can be seen from 30m 100ft.
- Speakers/Educators/Instructors, Auditoriums and Theaters –
The user can set the SL130 so the RED LEDs flash when the sound level is below the LO set point where people in the audience may not be able to hear. When the sound level is above the LO set point, the GREEN LEDs indicate the sound level is acceptable. The user can reverse the Red and Green LEDs activation per user color preference.



Optional AC or DC Alarm relay module with (3m) 9 foot cable



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

Specifications

Display	4.6 x 3.125" multifunction LCD
Frequency bandwidth	31.5 Hz to 8 kHz
Microphone	0.5" Electret Condenser 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
Power	AC/DC Adaptor for full functions; 8xAA batteries for monitoring function only without LED alert
CE/Warranty	CE approved/ 1 year warranty
Dimensions / Weight	8.75 x 7.1 x 1.25" / 0.63 lbs. (22 x 18 x 3.2mm / 285g)

Ordering Information:

SL130G Sound Level LED Alert
SL130G-NIST SL130G with NIST certificate
SL123 AC Alarm Relay Module 9 foot cable (3m)
SL124 DC Alarm Relay Module 9 foot cable (3m)
SL125 Remote Microphone Cable 15'
TR100 Tripod (for meters with Tripod mount feature)
407766 Sound Level Calibrator, 94/114dB

