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PRODUCT DATASHEET

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 AC adaptor, microphone wind cover, wall, desk or 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 Weightig, 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	22 x 18 x 3.2mm / 285g (8.75 x 7.1 x 1.25" / 0.63 lbs)

Ordering Information:

SL130G ....Sound Level LED Alert, 110V AC Adaptor
SL130-220 ....Sound Level Alert (with 220V adaptor)
SL130-240 ....Sound Level Alert (with 240V adaptor)
SL123 ....AC Alarm Relay Module 3 meter cable (9ft)
SL124 ....DC Alarm Relay Module 3 meter cable (9ft)
SL125 ....Remote Microphone Cable 15'
TR100 ....Tripod (for meters with Tripod mount feature)
407766 ....Sound Level Calibrator, 94/114dB

CE

11/16/09 - R1