SoundEar 3 Outdoor Noise Warning Sign

Features

- Weatherproof outdoor noise activated sign
- Individual noise trigger levels for red, yellow and green
- Digital display of sound level in dB
- Data logging with download to USB stick
- Low noise floor for quiet environments

Applications

- Outdoor noise level warning
- Areas exposed to rain or snow
- Dusty environments
- Locations requiring extra physical protection

Outdoor Noise Warning Sign

The SoundEar 3 Outdoor is a noise activated sign for use outdoors, in any weather, and is also suitable for use in environments with high levels of dust. It provides an immediate warning of high noise levels.

Modes of Operation

Similar to other noise warning signs in the SoundEar range, this sign can be configured to light up at your chosen sound level. The green light is on all the time, to remind people that the level of noise is important. The yellow light indicates that the noise levels are getting close to the limit. The red light comes on to warn that the levels are too high.
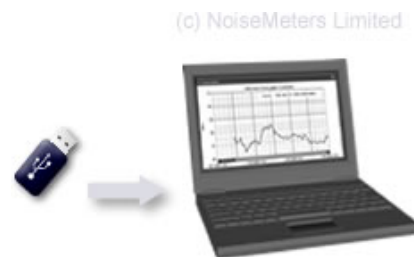
You can connect the SoundEar 3 Outdoor to a computer and use the software that is included to configure it. If you have a number of noise signs to configure then the software can write the settings to a memory stick. When you plug the stick in to each sign it will automatically configure it.

Weather Protection

The SoundEar 3 Outdoor consists of a standard SoundEar 3 Noise Warning Sign fitted inside a wall-mountable weatherproof case. A microphone is mounted on the base of the enclosure, fitted with a suitable windshield. A power cable also enters the bottom of the enclosure.

Data Logging and Software

The SoundEar 3 Outdoor has a large internal memory that stores the sound level every minute. When downloaded to a computer this gives a detailed graph of the noise throughout the day. A standard memory stick is the easiest way to transfer the noise measurements from the SoundEar to a computer.

Outputs and System Integration

The SoundEar 3 can output the sound level in two different forms, making it suitable for integration with other monitoring and control systems. Using the software supplied you can configure the outputs to be either DC 0 to 10V or current loop 4-20mA. Two outputs are available and can be set to different noise parameters.

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Specifications

Technical Specifications

Frequency Range	20Hz to 20kHz
Measuring Range	30 to 120 dB
Deviation	± 0.5 dB
Frequency Weighting	"A" ("C" weighted Peak)
Time Weighting	Fast and Slow
Digital Display	dB(A) Slow, LAeq, Alarm settings, Clock
Outputs	Optional 0-10V or 4-20mA
USB Ports	1. Micro USB (internal, for setup only)2. USB Controller (for USB memory stick connection)
Internal Memory	16MB (128MBit) - 600 days
Cabinet	Polycarbonate
Dimensions	300 x 230 x 85 mm, 9" x 11.8" x 3.3"
Weight	2.4 kg, 5.3 lb
Power	24 VDCMax 2.5WPower adapter & 10m cable included
Ingress Protection	IP65
Acoustic Standards	IEC61672-2-2002 Class 2, ANSI S1.4 Type 2

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Product shortcut:
https://au.noisemeters.com/p/se3ear-w/

Tech Support:
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