NoiseMeters
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SoundEar 3 Outdoor Industrial 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
- Optional 4-20mA or 0-10V DC outputs

Applications

- Outdoor and dusty environments
- Factories
- Industrial sites
- Hearing protection - time to act
- Intermittent Noise - warn when it gets high

Outdoor Noise Warning Sign

The SoundEar 3 Outdoor Industrial 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.

It comes with data logging as standard. The noise measurements can be copied from the noise sign on to a memory stick and transferred to a computer using the software that is included.

Instant Warning

This outdoor version of the SoundEar has all the same functions as the standard SoundEar 3, but comes with the additional weather protection and cabling.

Each of the lights (green, yellow, red) can be configured to come on at different levels, and they can flash for better visibility. A common setting would be to have the green light on all the time, to remind people that the sound levels are being monitored, the yellow light could be set to light up when the surrounding noise is 80dB(A) and the red light flashing when it exceeds 85dB(A).

Data Logging and Software

The SoundEar 3 Industrial 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 USB memory stick is the easiest way to transfer the noise measurements from the SoundEar to a computer.

Weather Protection

The SoundEar 3 Outdoor consists of a standard SoundEar 3 Industrial 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.

Outputs and System Integration

For integration with other process and building management systems there are optional outputs for 4-20mA current loop and 0-10VDC.

These are factory fit options. See the **Outputs** tab for more information.

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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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Web Sites

Main site:
https://www.noisemeters.co.uk

Product shortcut:
https://www.noisemeters.co.uk/p/se3ind-w/

Tech Support:
https://support.noisemeters.com