# 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.

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### **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.

## **NoiseMeters**

## SoundEar 3 Outdoor Noise Warning Sign

## **Specifications**

### **Technical Specifications**

Frequency

20Hz to 20kHz

Range

Measuring

30 to 120 dB

Range

Deviation

 $\pm 0.5 dB$ 

Frequency Weighting

"A" ("C" weighted Peak)

Time

Weighting

Fast and Slow

Digital Display

dB(A) Slow, LAeq, Alarm

settings, Clock

Outputs USB Ports Optional 0-10V or 4-20mA 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

300 x 230 x 85 mm, 9" x 11.8" x 3.3"

2.4 kg, 5.3 lb

Power

Weight

24 VDCMax 2.5WPower adapter & 10m cable included

Ingress

IP65

Protection

Acoustic IEC61672-2-2002 Class 2,

Standards ANSI S1.4 Type 2

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#### **Web Sites**

Main site:

https://eu.noisemeters.com

Product shortcut:

https://eu.noisemeters.com/p/se3ear-w/

Tech Support:

https://support.noisemeters.com