NoiseMeters

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SoundEar 4 Logging Industrial Noise Warning Sign

Features

- Instant warning of high noise levels
- Longer term noise exposure indicator
- Individual noise trigger levels for red, yellow and green
- Digital display of sound level in dB
- Data logging with software included
- WiFi, USB or Modbus TCP connection
- Extra Large version available
- Weatherproof outdoor version available

Applications

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

Industrial Noise Sign Overview

The SoundEar 4 is the top of the Industrial range of noise warning signs, with advanced display configuration, measurement storage and WiFi network connection.

This version of the SoundEar Industrial is ideal for carrying out long term noise checks but also giving an instant and clear warning of high noise levels.

Instant Warning

The SoundEar 4 Industrial is usually set up to let people know that the sound levels are getting high, with the red light coming on when action needs to be taken - either reduce the levels or use hearing protection. There are many ways to configure this version of the noise sign. Please visit the **Displays** section for more information.

Each of the lights (green, yellow, red) can be configured to come on at different levels. 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).

Exposure Indicator

A bar of lights on the left side indicate the noise exposure level over the last 10, 15 or 60 minutes.

Data Logging and Software

The SoundEar 4 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. The measurements can be accessed from the software over a WiFi connection or a USB memory stick can transfer the noise measurements from the SoundEar to a computer.

External Microphone

The SoundEar 4 Industrial has a plug-in microphone. It connects at the bottom of the sign and remains out of sight and out of harm's way. If you need to mount the microphone away from the sign then you can use a microphone extension cable, which should be ordered separately, order code SE4EXT.

Outputs and System Integration

The SoundEar 4 Industrial can also output data over a Modbus TCP interface for integration with other systems. Please contact NoiseMeters for more information about this.

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Specifications

Technical Specifications

Standards	IEC 61672-1 Class 2, ANSI S1.43 Type 2
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	LAeq,1s, Alarm level, Clock
Connectivity	WiFi, Modbus TCP
USB Ports	1. USB-C (power and PC connection)2. USB Controller (for USB memory stick connection)
Cabinet	Shockproof acrylic
Dimensions	225 x 285 x 54 mm, 8.9" x 11.2" x 2.1"
Weight	1.5 kg, 3.3 lb
Power	5 VDC (USB-C)

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Web Sites

Main site:
https://www.noisemeters.ca

Product shortcut:
https://www.noisemeters.ca/p/se4ind/

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