Manuals+ — User Manuals Simplified.
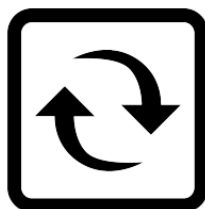

INFRASENSING Digital Sound & Noise Level (dbA) Sensor User Guide

Contents

INFRASENSING Digital Sound & Noise Level (dbA) Sensor

Overview

- Our ENV-NOISE sensor measures sound and noise levels in its environment.
- This document aims to guide the user in installing our ENV-NOISE in your facilities and also to provide recommendations for sensor placement.
- You may visit the sensor page through:
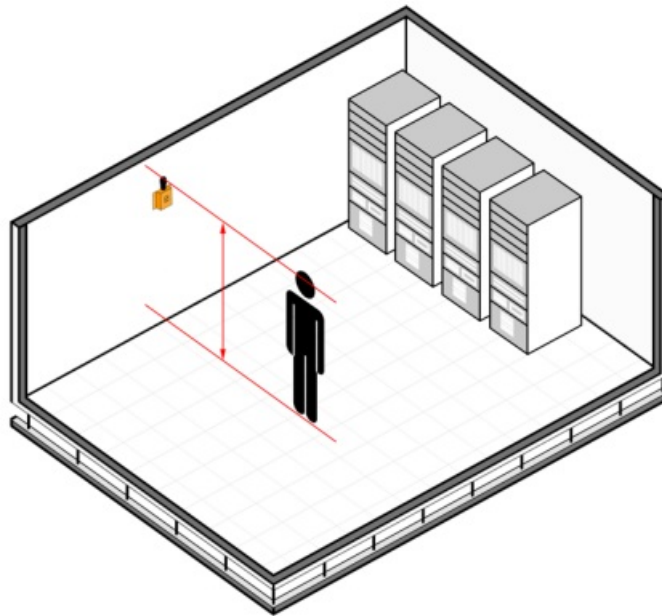 ENV-NOISE **https://infrasensing.com/sensors/sensor_sound.asp**

What you need

- Power source (PoE or 12V DC)
- BASE-WIRED
- LAN cable
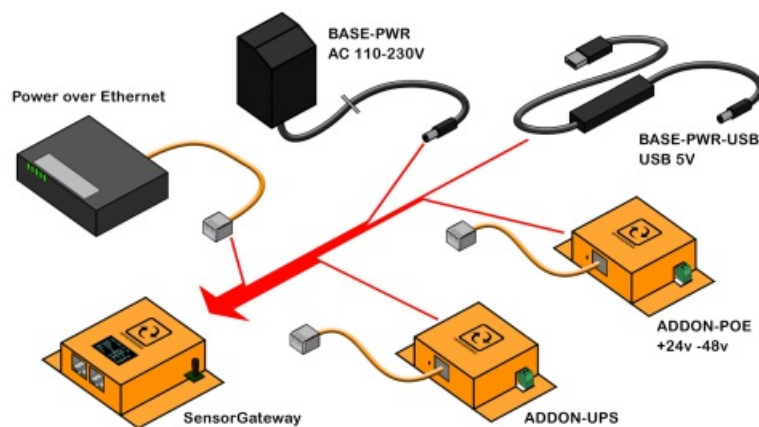- ENV-NOISE

Recommended sensor placement

OSHA provides guidelines where noise level sensors should be mounted:

- Required when noise levels can exceed 85dB
- Should be placed at the head level of the worker's hearing zone at 20in /0.5m distance
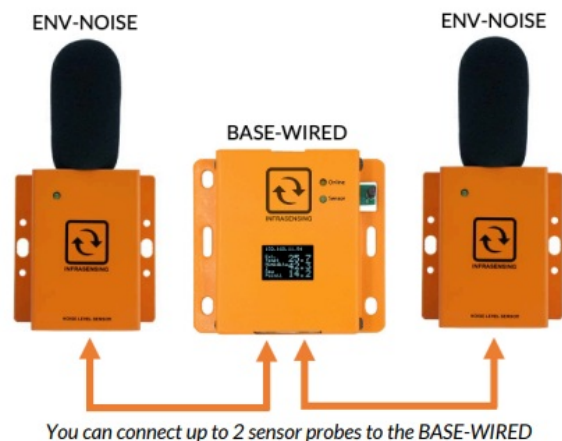
Installation

1. Supply power to the BASE-WIRED via Poe(power over ether net or 12V DC adapter/BASE-PWR) Other power options include BASE-PWR-USB, ADDON-POE, and ADDON-UPS.
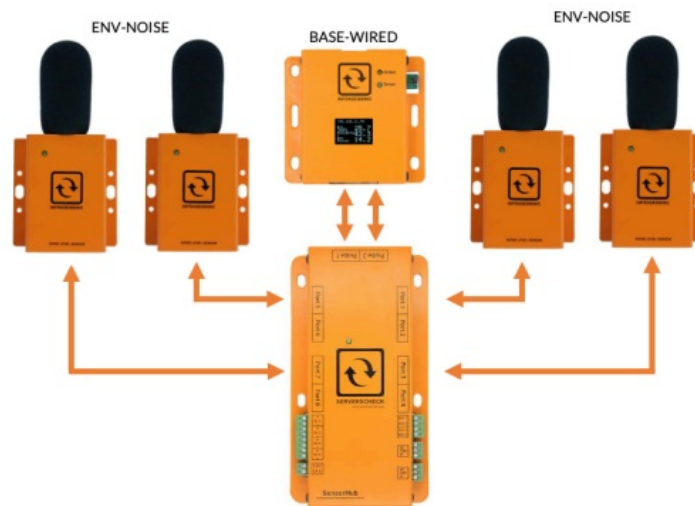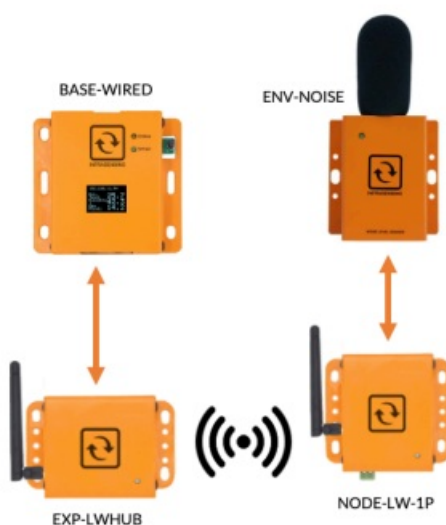

2. Connect the BASE-WIRED to the sensor probe.

   - Via direct LAN connection

You can connect up to 2 sensor probes to the BASE-WIRED

   - Via Sensor Hub(EXP-8HUB)

- Via Lora (EXP-LWHUB and NODE-LW-1P)

You can wireless connect your sensor probe to the BASE-WIRED, each Lora hub can support up to 20 Lora node. The Lora Hub's power is supplied by the BASE-WIRED while the Lora Node's power can be supplied by 12/24V DC or a USB-C type.

Documents / Resources

ENV-NOISE INFRASENSING Sensor Application Guide	**[INFRASENSING Digital Sound & Noise Level (dbA) Sensor](#)** [pdf] User Guide Digital Sound Noise Level dbA Sensor, Noise Level dbA Sensor, dbA Sensor, Sensor

References

- **[Sound & Noise level (dbA) sensor - OSHA & HCAHPS compliance](#)**