

SpotNoise Noise Monitoring Terminal

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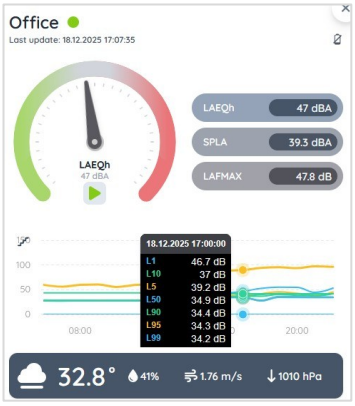
WWW.SPOTNOISE.COM

SN/SP008/25/V6



SP008A

Noise Monitoring Terminal with Cloud Access



Automated measurement, upload and analysis with reports straight to your inbox

Online reporting through Cloud with email and text alerts. Check compliance with limits, from anywhere at anytime

4G Communication are available (Optional)

The very affordable and reliable calibrated noise monitoring solution for residence, industrial zones, construction sites, city wide noise monitoring etc.

The Spot Noise Residential is waterproof **(IP67)** so it can be placed anywhere in or around your house, residence, factory, entertainment venue, etc.

You can set triggers for alarms (sound level) and even automatically start recordings that you can listen later. Online access to real-time noise measurement values. You can check Lmin (minimum noise level), Lmax (maximum noise level), SPL (current sound level in dB(A)) and the average sound level (Leq).

Once the set sound levels have exceeded a trigger will notify you by a notification email, an SMS, message in Line, WhatsApp, WeChat, etc. Entry-level noise monitoring with an individual sound calibration certificate so you know the measured values are correct

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MAIN FEATURES

- Sound level meter complies with IEC61672-1 Accuracy Class 1
- ½" Measurement microphone complies with IEC61094-4
- Measurement range 28dBA to 135dBA (probably depends from MIC to MIC)
- Frequency range 6.3Hz to 20kHz
- Frequency weighting A, C and Z (B can be added)
- Time weighting Fast, Slow and Impulse
- Measurement parameter Spl, Leq, Lmax, Lmin, LPeak, LE, Ln statistics (L1, L5 ,L50 ,L90 ,L95, L99)
- Prediction algorithm for Statistical values
- Wall mount and impulse noise correction
- Internal memory 32GB includes system files and external cloud storage 10GB (internal storage can be upgraded up to 8TB. Cloud is limited only for Audio)
- Automatically synchronize time with the time zone and display it as a real-time clock
- Auto Start/Stop function
- Auto storage measurement data
- Measurement calculations LDay Ld, LEvening Leve, LNight Ln, Ldn, Lden, Leq-TC, TWA
- 1/1 and 1/3rd Octave band frequency analysis
- Audio Trigger function and audio recording format Wav, Mp3 and AIFF sampling rate (12,24 and 48kHz), 32Bits and audio pre-trigger option
- Wi-Fi and LAN available for communication setup and data transfer
- Display via a web application on a computer, tablet, or mobile device
- Direct file/data access over the local File storage manager
- Automatic standardized report sending
- Online and optional offline data visualization
- Tonality option to detect tonal noises
- Power : 2 options, either 5V or 7-12V
- Optional : relay output for external triggers
- Optional : Digital & Analog IO
- Optional : 4G/5G Communication
- Optional : Battery and solar power
- Optional : OLED display for on-site values verification
- Optional : Weather station
- Optional : Personal Dosimeter
- Optional : Air Quality
- Optional : Vibration
- Fully offline mode version available
- Operating temperature up to 60° Celsius

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TECHNICAL SPECIFICATION

Class	Class 1 IEC 61672
Frequency range	6.3Hz to 20KHz
Dynamic range	30 dB to 135 dB
Microphone	1/2 inch pre polarized condenser microphone
Sampling frequency	Up to 48KHz
Power	2 options either 5V or 7-12V
Overall dimension	210mm X 144mm X 90mm
Weight	600g
Operating temperature	-10°C to 60°C
Connectivity	LAN, Wi-Fi, 4G
Microphone cable	4.5m
Outdoor protection	Outdoor microphone housing kit Easy to Calibrate
User interface	Compatible with web browser on Windows / macOS / iOS / Android

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