



SpotNoise Sheer Noise Monitoring Solutions



OUR MISSION

Provide smart solutions for SpotNoise sheer noise monitoring.

Smart means **affordable, flexible & focused** on solving specific issues further than catching sound pressure levels.

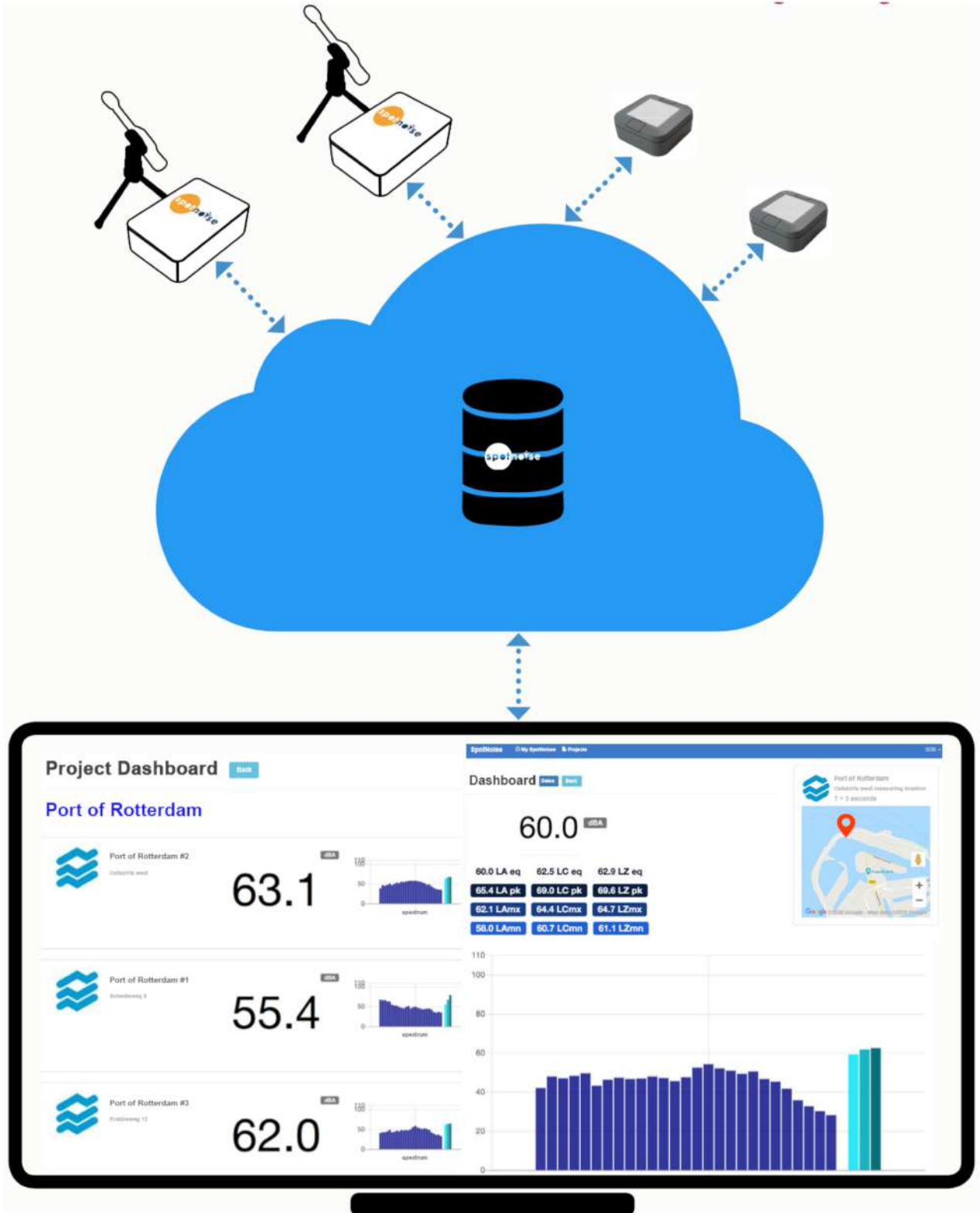
We develop both hardware & software products as well as consultancy services over them, so we can adapt to each particular case in the best possible way.

We have standard entry level noise monitoring solutions for indoor as well as outdoor situations. Entry level is only the pricing, the accuracy and available options are top tier.

Threshold settings with alarms, simple HDMI output for 'traffic light settings' with adjustable noise levels (green-yellow-red), level triggered audio recording, 1/1 and 1/3 octave values as well as db(A), dB(C), dB(Z), LPeak, Lmax, Lmin, history online, detailed data export in csv etc.

Proven quality accessories such as outdoor weather protection, solar panels, routers are available for each requirement.

WORKFLOW





SpotNoise Sheer Noise Monitoring Devices



SpotNoise Residential Monitor

Main features.

- Real time sound analysis.
- Online data visualization.
- Frequency response 31.5Hz-8.5KHz.
- Measuring range: 30 - 130 dBA SPL.
- Data download (1m, 1h, Ld, Le, Ln).
- Global levels with A weighting.
- Max and min levels (A, 125ms).
- Historical of the last 12 months.
- WiFi (router 3G/4G available).
- Outdoor protection.
- USB powered.

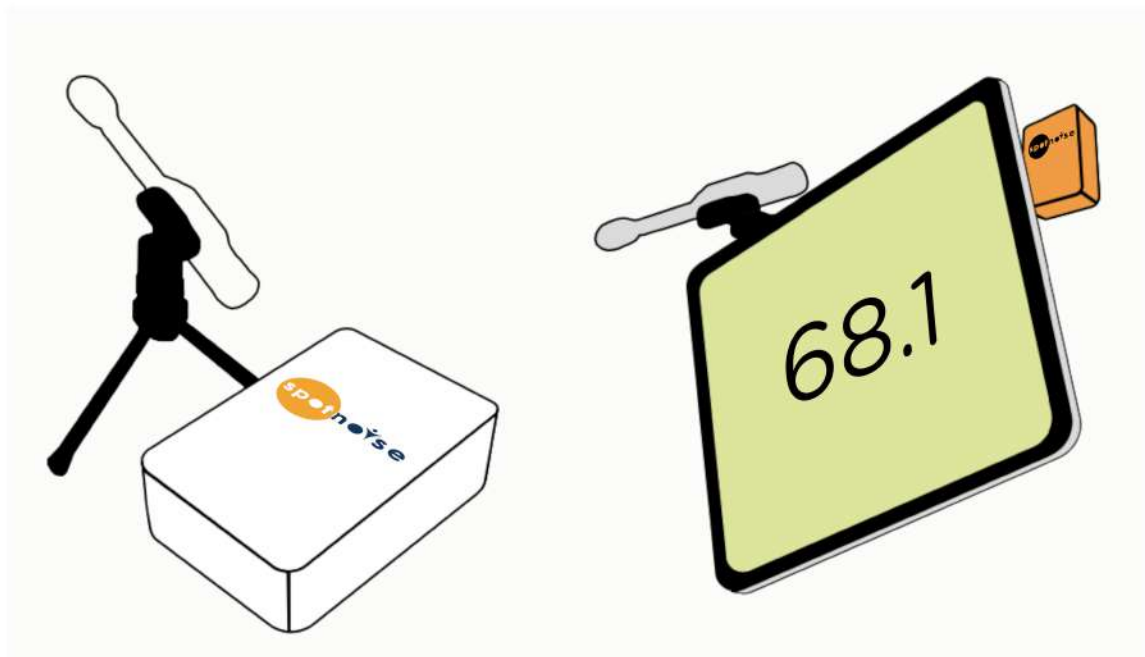


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SpotNoise Consulting Monitor

Main features.

- Real time sound analysis.
- Online data visualization.
- Frequency response 20Hz-20KHz.
- Dynamic range up to 133 dB SPL.
- Data download (5s, 1m, 1h, Ld, Le, Ln).
- Global levels with A, C and Z weighting.
- 1/1 and 1/3 octave.
- Peak, max and min levels (A,C and Z).
- HDMI output for easy display on any screen with 'traffic light' function.
- Historical data online available for 1 year.
- Local data storage.
- Audio recording capability.
- WiFi / Ethernet (router 3G/4G available).
- Outdoor protection kit available.



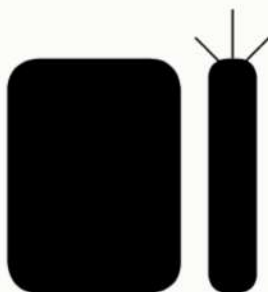
Build Your Spotnoise Consulting Monitoring System

Microphone: Class 2, Class 2 (high sensitivity) or Class 1



Spotnoise Consulting

+ *(optional)*



Outdoor Kit



3G/4G Router



**Battery &
220V/12V connection**



SpotNoise Sheer Noise Monitoring Microphones

for SpotNoise Consulting Monitor



UMIK-1 miniDSP

Main features.

- 6mm electret, Omni-Directional.
- Frequency response 20Hz-20KHz.
- USB Audio class 1.0.
- 24bit ADC @ 48KHz.
- 133 dB SPL @0dB gain setting.
- Output noise level at max IGPA -74 dBFS.
- 120gm.
- Includes tripod.



Class 1 & 2 High Sensitivity

Main features.

- 1/2" Class 1/2 capsule, Omni-Directional (23mV/Pa).
- Frequency response 5Hz-20KHz.
- USB Audio class 1.1 compliant.
- Sigma-Delta ADC with 16 bit.
- Dual channel with dynamic > 120 dB.
- Dynamic range 20-111 dB(A) - 114dB peak.





SpotNoise Sheer Noise Monitoring Services





Smart City Noise Monitoring (Lamppost integration)

Integrate with lampposts, timestamped, batteries/solar powered, charge in daytime, work 24 hours per day.

Solar panels.

Battery connection can be prepared to be plugged directly to a solar panel. Units can be fully autonomous in challenging environments.

Custom projects.

We offer engineering services and solutions for special projects or customer requirements for both hardware and software.



Big data analyzing with AI applied to Acoustics.

SpotNoise provides solutions for massive sound data analyzing to obtain relevant insights.

Audio recording.

Audio recording is acquired in real time depending on the defined triggers.

Languages.

All our user interfaces and custom solutions can be translated in any language.

