



Noise Hound Lite

Real Time Noise Monitoring System



Noise Hound Lite
Noise Monitoring

Affordable, portable and low power Omni Noise Monitoring Solution for mining and heavy industry applications.



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- Noise Hound Lite provides continuous noise metrics and audio exceedance recording for compliance 365 days a year.
- The Noise Hound Lite is waterproof (IP67) is a Class 1 Sound Monitor with the latest wireless technology. Noise Hound Lite enables continuous streaming of noise metrics and live audio reliably and securely to users.
- Coupled with Benchmark's bespoke environmental management software and reporting, The Noise Hound Lite is an effective noise monitoring solution to inform management of operations and monitor compliance with regulatory requirements.





Main Features:

- Low Power (5 Watt operation)
- Small Operational Footprint
- Operating temperature up to 60° Celsius
- Complies too IEC61672-1 Accuracy Class 1
- Measurement parameters: SPL, LEQ, Ln statistics (L1-L99), LMax, LMin, LPeak
- Complies to all relevant IEC A, C, Z weighting for measurement
- Frequency analysis with 1/1 or 1/3-octave bands in the 6.3Hz – 20kHz range.
- Fast and Slow measurement response
- Online and optional offline data visualization
- Addition frequency response ranges available on request
- Wi-Fi and LAN available
- Power : 2 options either 5V or 7-12V
- Relay output for external sensor
- Ethernet, 4G, 5G Communication
- OLED display for on-site values verification
- Battery and solar power
- Weather station



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



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



4G/5G Communication are available





Additional Features:

- Solar Powered and Small Footprint
- SPL, MAX, MIN, Peak values
- Exposure levels and limits
- IEC61672-3 calibration procedure
- Battery + battery meter indicator
- Weather station with possible measurement values: Temperature, Humidity, Wind Speed, Wind direction, Air Pressure and Precipitation
- Low-power mode. Noise Hound Lite will enter sleep mode when not measuring <1Watt consumption
- Statistical values has predication algorithm to predict end statistical values
- Statistical results (L day, L evening, L night, Lden) can be sent to mail at the end of each time period
- Wall mount correction value for statistical metrics
- Impulse noise correction value for statistical metrics
- Triggers available on the following values values – LAEQ, LCEQ, LZEQ, LAFMAX, LAPeak, LCPeak
- SMS inbound messages support. User can send SMS to station to control the station or too receive monitor feedback
- Calibration possible with 94dB or 114dB calibrator
- Offline mode with API commands.
- Report Sending – added custom template option
- Data Archive options to access to audio, statistical and noise values
- Option to share selected data with external users. Link has option of expiration date.

