NoiseScout

Unattended Noise Monitoring Solution



Applications

- Base-line surveys for planning
- Construction site monitoring
- Road traffic noise monitoring
- Entertainment venue management
- Neighborhood noise pollution measurements
- Environmental & Community Noise Surveys

NoiseScout provides a comprehensive but easy-to-use 24/7 noise monitoring solution. Noise levels are recorded on-site by the XL2 Sound Level Meter and are available online for monitoring and download.

NoiseScout is aimed at both short term noise assessments and long term monitoring applications. During acquisition, automated email alerts allow noise issues to be addressed before a non-compliance condition arises.

Made in Switzerland

Smart Decision Making

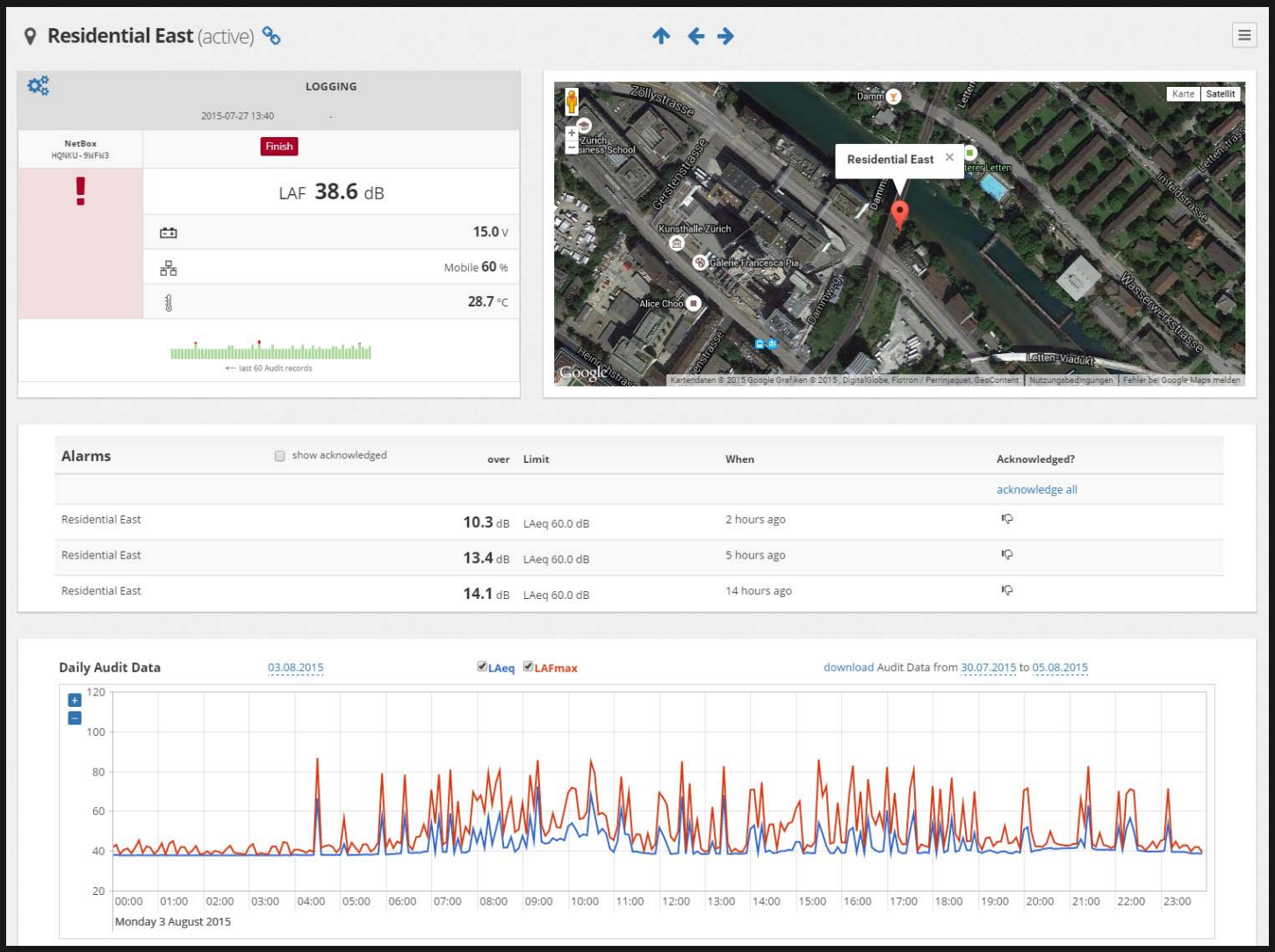
NoiseScout displays the noise levels measured by the XL2 Sound Level Meter live in your web browser. The measurement data recorded out in the field is presented online in charts and dash-boards. Multiple noise level meters can be monitored simultaneously within the map view, thus providing localized geographic visualization for all noise levels at a glance. Identified users can access all their projects, control their monitors or create basic view modes, allowing stakeholders to oversee their noise level data.

The XL2 Sound Level Meter is configured remotely. The NoiseScout monitoring solution reports compliance violations and data connection irregularities by email. This facilitates quick responses to noise issues so that they are addressed before a non-compliance condition arises. Further, the operator can remotely access the data to assess the results and create reports, or decide that the measurement period should be prolonged, all without having to visit the site or retrieve the noise monitor.

Secure 24/7 Noise Monitoring

NoiseScout provides reliable on-site sound level measurements. The power supply is monitored and low voltage levels of any connected external battery pack are reported. Immediate action to facilitate uninterrupted measurements can thus be taken. In case of an external power loss, the XL2 Sound Level Meter will continue measuring using its internal battery. Once the internal battery too is exhausted, as soon as power is restored, the XL2 will restart automatically and carry on with the measurement.

No data will be lost if communication to the NoiseScout Servers is interrupted. Measurement data is buffered for transmission at source on the XL2 Sound Level Meter. In case of any lost connection, the NetBox will synchronize the recorded data to the NoiseScout Servers as soon as communication is re-established. The NoiseScout Servers are built on a scalable architecture and the latest secure data center technology. The server network provides access to your data quickly and reliably.



Optimizing Up-Time

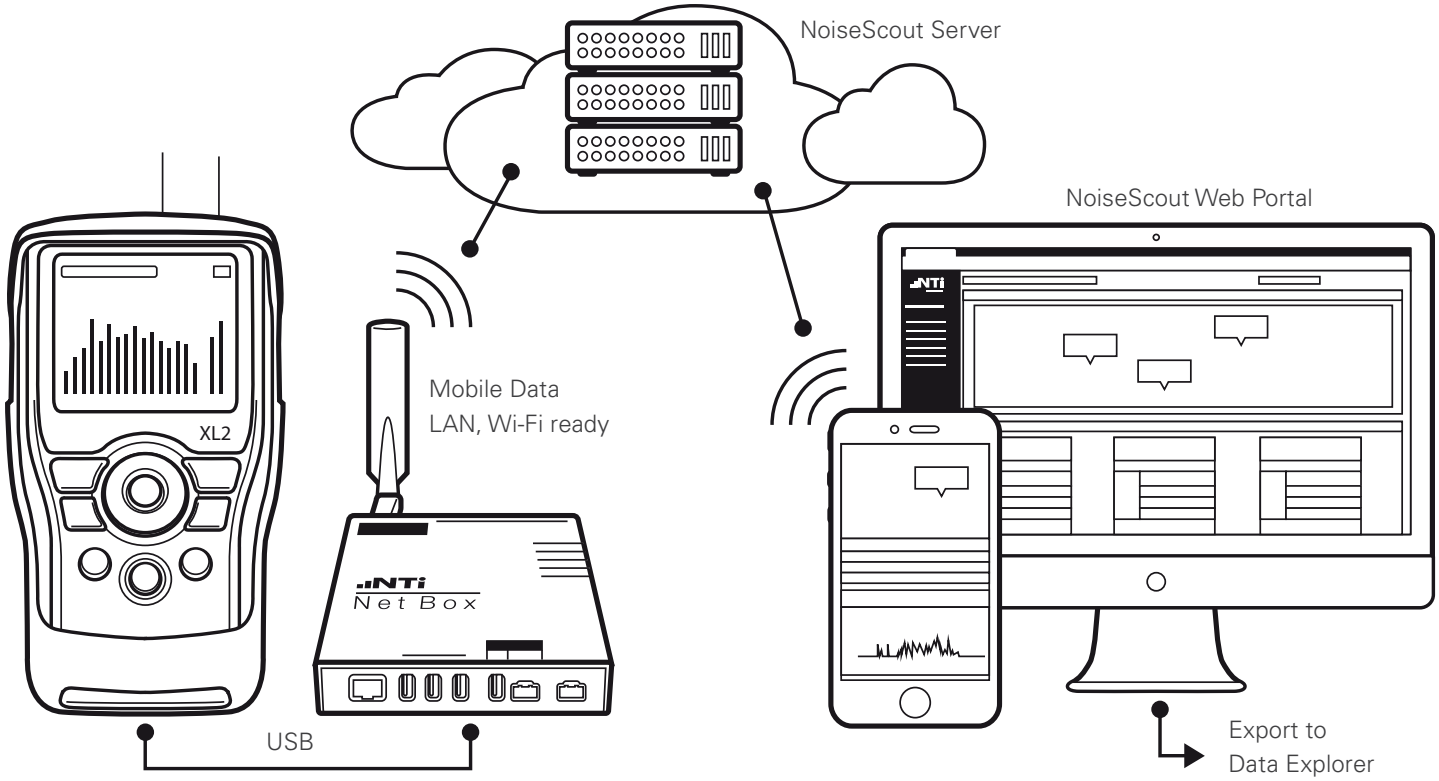
NoiseScout maximizes the success of surveys by providing 24/7 uninterrupted noise measurement with minimum setup complexity. The plug-and-play solution synchronizes data with the NoiseScout Servers during the ongoing measurement and proves compliance with regulatory sound level limits, producing email alerts as the limits are exceeded.

- Certified class 1 measurement system
- Instant data access via web browser
- Email alerts and data download
- Secure 24/7 noise monitoring
- LAN, Wi-Fi & Mobile communication
- Latest safe data center technology

Faster Reports with Data Explorer

NoiseScout further maximizes the success of the survey by reducing the time spent preparing the client report. All data can be exported to the optional Data Explorer PC software for detailed analysis. The NoiseScout system leaves the consultant free to concentrate on their key responsibilities, such as producing the client report, even before the XL2 Sound Level Meter has been collected from site.

NoiseScout - Unattended Noise Monitoring Solution



The XL2 Sound Level Meter measures the noise levels continuously and buffers all data for transmission.

The NetBox communication hub connects the XL2 to the NoiseScout Server. It synchronizes the noise data with the server and provides real-time info to the NoiseScout Web Portal.

The NoiseScout Web Portal presents the live sound level data in responsive pages optimized for viewing on PCs, tablets and mobile phones.

The XL2 Data Explorer software offers the tools dedicated to comprehensive noise data analysis and reporting on PCs.

Save Costs with Pay-per-Use

NTi Audio manages and maintains the data synchronization and data storage for your convenience. The operator can see the live noise levels simply by browsing to the NoiseScout Web Portal.

Rather than a flat-rate data storage contract, this service is offered within an innovative "pay-per-use" credit scheme, providing transparent and predictable cost control. Usage is based on calendar days contained within the measurement data transferred from the XL2 Sound Level Meter to the server. NoiseScout offers the freedom to start and stop the online noise monitoring from your office or mobile device providing total flexibility in meeting your project requirements.

Specifications	
XL2 + M2230-WP	• Class 1 Sound Level Meter with Outdoor Measurement Microphone • Meets IEC 61672, IEC 60651, IEC 60804, IEC 61260, ANSI S1.11 • Leq, min, max, peak, actual • Frequency weighting: A, C, Z (simultaneous) • Time weighting: Fast, Slow, optional: Impulse • Percentile statistics (optional) • Level Range: 17 dB(A) – 138 dB • Bandwidth: 4.4 Hz – 23.6 kHz • Logging interval: 1 second and higher
Online Monitoring	• Ten simultaneous selectable Noise Levels • Data Connection • Supply Voltage • Temperature inside NetBox
Data Credits	• NetBox includes 10 Days Data Credit • Pay-per-use: Credits are debited by individual calendar days of recorded measurement data • Data credits apply for a single user and may be shared amongst multiple XL2s of the same user

Order Information	
XL2 Sound Level Meter	600 000 330
Extended Acoustic Pack (for live Ln)	600 000 339
Data Explorer Option	600 000 430
M2230-WP Outdoor Measurement Microphone	600 040 055
NetBox (LAN, Wi-Fi ready)	600 000 450
NetBox (Mobile Data, LAN, Wi-Fi ready)	600 000 458
Data Credits	
30 Days	600 000 490
100 Days	600 000 491
366 Days (1 year)	600 000 492
1096 Days (3 years)	600 000 493



The robust Outdoor Noise Monitoring Solution consists of the XL2 Sound Level Meter, a NetBox with mobile data connection, the heavy duty outdoor case (IP65), extended battery power supply and the outdoor measurement microphone M2230-WP.

info@nti-audio.com

www.noisescout.com

All information is subject to change without notice.
XL2, M2230, M2230-WP, WP30, NoiseScout, NetBox are trademarks of NTi Audio.