

NetBox

for XL2 Sound Level Meter



NetBox with Mobile Data Modem for unattended noise monitoring with the XL2 Sound Level Meter

The NetBox takes certified class 1 noise measurement data recorded by the XL2 Sound Level Meter and makes it available online. The data is transferred to the NoiseScout Web Portal in real time for secure 24/7 noise monitoring, email limit alerts, data download and reporting through a browser.

The NoiseScout solution brings your XL2 noise measurement data to your web browser. The NetBox retrieves the noise levels from the XL2 and forwards them via LAN, Wi-Fi or Mobile Data to the NoiseScout Servers. All measurement levels are available online for live visualization, unattended monitoring with email alerts, historical data download and reporting.

Key Features

- Secure 24/7 multiple-location noise monitoring
- Automatic email limit alerts
- LAN, Wi-Fi and Mobile Data communication

Applications

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



Live Noise Monitoring on the NoiseScout Web Portal with XL2 Sound Level Meter and NetBox

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.



NoiseScout offers automated email alerts when noise limits are exceeded



NetBox Frontview

Specifications

Online Communication	<ul style="list-style-type: none"> • NetBox <ul style="list-style-type: none"> - LAN - Wi-Fi on USB (stick not included) • NetBox with Mobile Data Modem <ul style="list-style-type: none"> - LAN - Wi-Fi on USB (stick not included) - Mobile data (SIM card slot provided) 														
Additional Interfaces	<ul style="list-style-type: none"> • 4 x USB ports • Auxiliary inputs/outputs (prepared for future use) • SD Card slot for service 														
Connections to XL2	<ul style="list-style-type: none"> • USB interface • Power supply (top-head rail connector) 														
Transfer of Measurement Data and Limit Alerts	<ul style="list-style-type: none"> • Transfers measurement data and limit alerts from XL2 to NoiseScout server • Includes 10 Days Data Credit (i.e. 10 calendar days of log data transferred from XL2 to NoiseScout website for live view and download) • Pay-per-use: Usage is calculated by measurement data transferred per calendar day • Data Credits apply to a single user account. Credits may be shared between multiple XL2s 														
Monitoring Features	<ul style="list-style-type: none"> • NetBox supply voltage • Communication signal strength and type • Temperature inside NetBox 														
LED Indications	<ul style="list-style-type: none"> • Power: power supply active • XL2: connected with XL2 • Server: connected with NoiseScout server • Data: data transmitting in process 														
Mobile Data Volume Expected Usage	< 3 GB / month														
Power Supply	<ul style="list-style-type: none"> • 7.5 -16 VDC • Power consumption NetBox only <ul style="list-style-type: none"> < 3 Watt @ LAN, Wi-Fi < 6 Watt @ Mobile Data • Power consumption XL2 +NetBox <ul style="list-style-type: none"> < 9 Watt @ LAN, Wi-Fi < 12 Watt @ Mobile Data 														
Temperature range	-10 °C to +50 °C (14 °F to 122 °F)														
Humidity range	5 % to 90 % RH, non-condensing														
Dimensions L x W x H	• 138 x 138 x 30 mm (5.4" x 5.4" x 1.2")														
Weight	290 g (10.2 oz.)														
Scope of Supply	<ul style="list-style-type: none"> • Netbox • 10 calendar days of data available online • Mains power adapter 12 V, 2.0 A, 100-240 V • Power cable to XL2 • Optional: Mobile data modem integrated with antenna 														
Order Information	<table> <tr> <td>• NetBox (LAN & Wi-Fi)</td><td>600 000 450</td></tr> <tr> <td>• NetBox with Mobile Data Modem</td><td>600 000 458</td></tr> <tr> <td>• Extra Data Credits</td><td></td></tr> <tr> <td> - 30 Days</td><td>600 000 490</td></tr> <tr> <td> - 100 Days</td><td>600 000 491</td></tr> <tr> <td> - 366 Days (1 year)</td><td>600 000 492</td></tr> <tr> <td> - 1096 Days (3 years)</td><td>600 000 493</td></tr> </table>	• NetBox (LAN & Wi-Fi)	600 000 450	• NetBox with Mobile Data Modem	600 000 458	• Extra 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
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All information subject to change without notice.