Gateway to XL2
Remote Access to Sound Level Meter

The XL2 Sound Level Meter may be remotely controlled and accessed from any location around the world. The accessory NetBox connects the instrument to the internet. This allows SFTP (Secure File Transfer Protocol) and remote COM port access. The setup is plug-and-play.
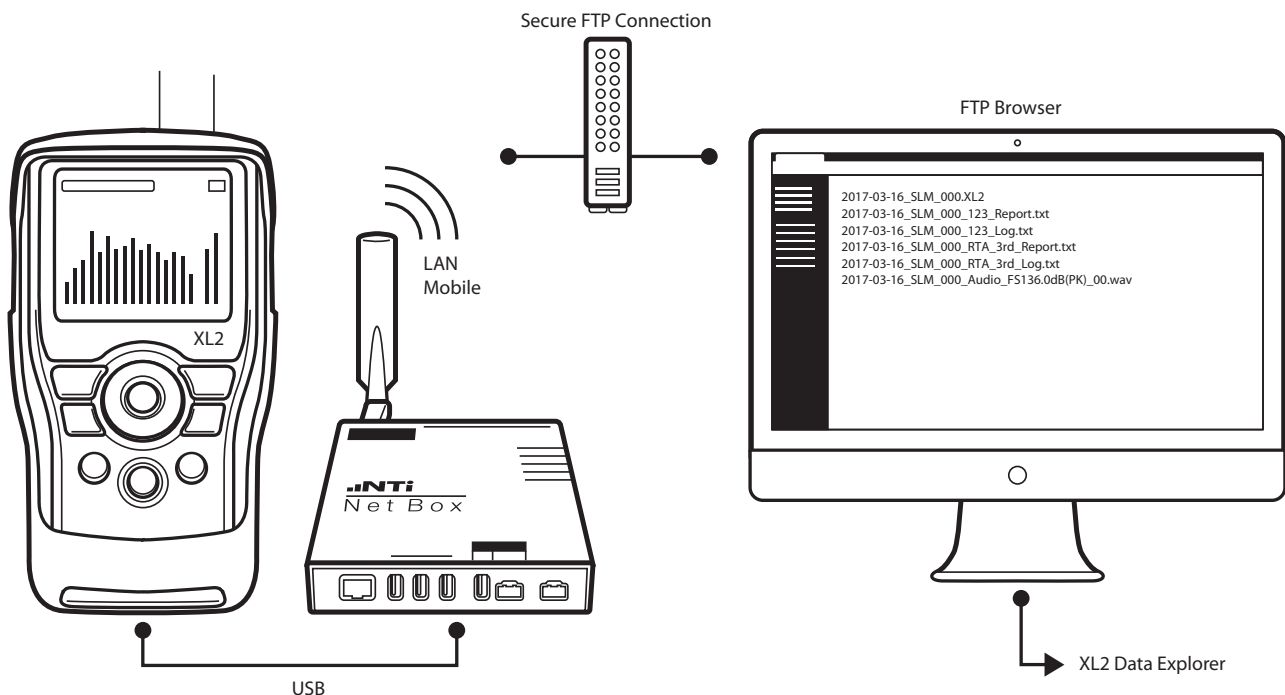
Key Features

- Remote control of XL2 Sound Level Meter
- Secure FTP access to all measurement data
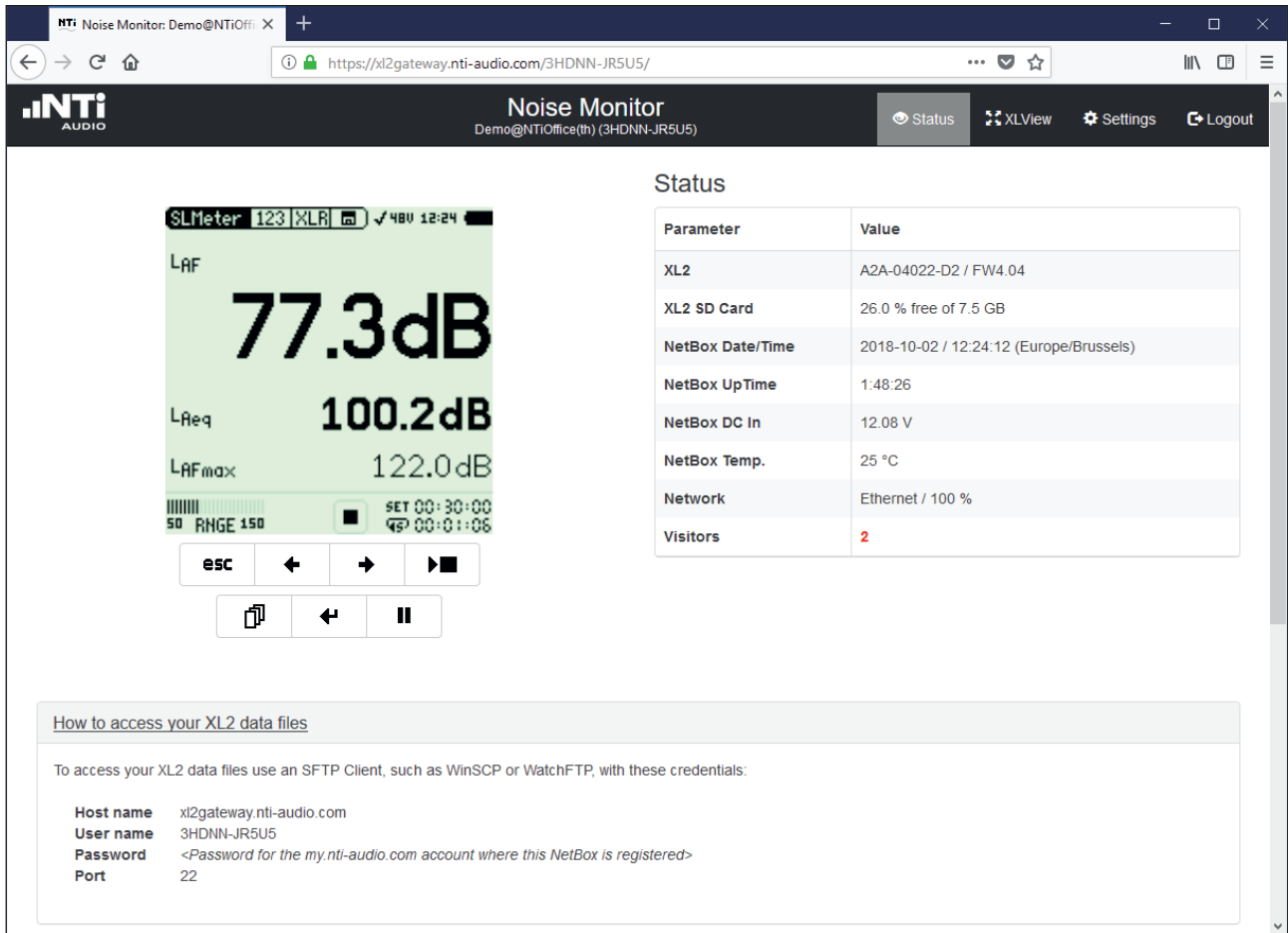- Communication 3G, 4G, 5G, LAN or Wi-Fi
- Plug-and-play solution

Click here:

**Live Demo -
Noise Monitoring Station**

Password: gwdemo1409

The remote access to the XL2 is very useful for both short-term noise assessments and long-term monitoring applications. All data files can then be retrieved remotely even during an ongoing measurement. Also, the spectral data and audio files can be directly downloaded from the remote XL2.

Secure FTP Connection

FTP Browser

2017-03-16_SLM_000.XL2
2017-03-16_SLM_000_123_Report.txt
2017-03-16_SLM_000_123_Log.txt
2017-03-16_SLM_000_RTA_3rd_Report.txt
2017-03-16_SLM_000_RTA_3rd_Log.txt
2017-03-16_SLM_000_Audio_FS136.0dB(PK)_00.wav

LAN
Mobile

XL2

Net Box

XL2 Data Explorer
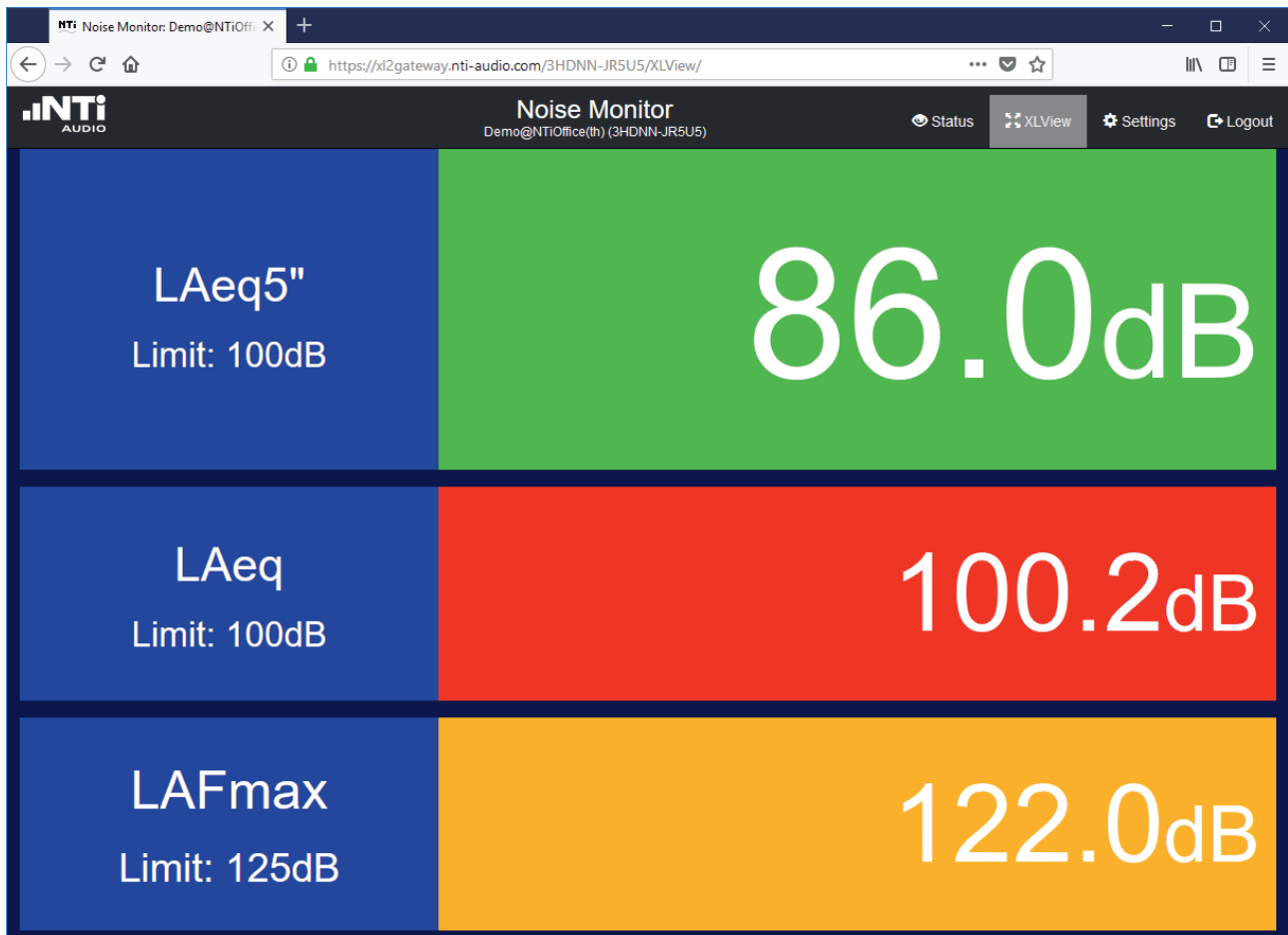
USB

Status View

Remote Download during Ongoing Measurement

NetBox with 3G Modem

The remote access to the XL2 Sound Level Meter is available from anywhere around the world. You may transfer all recorded data from the remote XL2 Sound Level Meter to your local computer. The data can even be remotely accessed during the ongoing measurement. You may then determine if sufficient data has been produced before retrieving the XL2 from site. Alternatively, you may decide to create an interim report. This increases your efficiency and frees up your valuable time for other projects.

The SFTP access maximizes the success of surveys by providing 24/7 uninterrupted noise measurement with minimum setup complexity. The intelligence of the gateway server connection simplifies the secure FTP access for a straight-forward plug-and-play installation.

XL View

Program your own Remote Application

COM port access allows full remote control of the XL2 Sound Level Meter. All remote measurement commands available on the XL2 are supported. For example, the current measurement data may be captured in real time into a computer application, e.g. C#, MS Excel or LabView.

You may program a customized measurement application for remote sound level monitoring, audio analysis or automated measurement tasks. This offers the freedom to start and stop the online noise monitoring from your office or your mobile device; a useful tool for complete control.

Save Costs with Pay-per-Use

NTi Audio manages and facilitates remote gateway access to the XL2 Sound Level Meter for your convenience. The offered infrastructure overcomes the limitations of local area networks and avoids the necessity for you to set up a router with a direct connection from the NetBox to your PC.

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. Alternatively an annual subscription service is available.

Comparing Unattended Noise Monitoring Solutions

Solution	Managed	Gateway
	fully-managed noise monitoring service via web portal	remote FTP access to sound level meter
Configuration	XL2 and NetBox in Managed Mode	XL2 and NetBox in Gateway Mode
Automated E-Mail Alarming	yes	no
Audit levels selectable over multiple periods	yes	no
Automated Memory Management on XL2	yes	no
Instant data access	www.noisescout.com	secure FTP connection
Measurement Data Sound Level Meter	• Up to 5 broadband levels • 5′ percentiles • Fixed 1-second log Interval • Selectable audit levels • Audio on alarms • Live audio listening	• All available broadband levels • 5″ to 60′ percentiles • Log interval from 100ms • RTA spectrum • Audio data
Weather Data (with Vaisala WXT532/3/6)	yes	yes
Remote Measurement Access to XL2	no	Full access including • Sound Level Meter and Spectrum Analyzer • FFT Analyzer • Audio Analyzer RMS/THDN • 1/12 Oct spectral Analyzer
Running Costs	NoiseScout 365 (annual licence) or one Data Day Credit for each calendar day containing a running measurement	NoiseScout 365 (annual licence) or one Data Day Credit for each calendar day accessing the Noise Monitor website or downloading data
Communication	Communication 3G, 4G, 5G, LAN or Wi-Fi (4G/5G by an external modem; Wi-Fi by an external USB Adapter)	
Flexibility	Switching between NoiseScout and Gateway solution enabled at the user's convenience	
Order Information @ 3G	• XL2 Sound Level Meter with M2230-WP Outdoor Microphone • NetBox with 3G Modem (LAN & Wi-Fi ready) • Outdoor Case • NoiseScout 365 (annual licence) or Data Credit Days • Optional: 　- Remote Measurement Option (to program own application) 　- Extended Acoustic Pack (for percentile levels) 　- Data Explorer Option (for data analysis in Data Explorer)	

All information subject to change without notice.