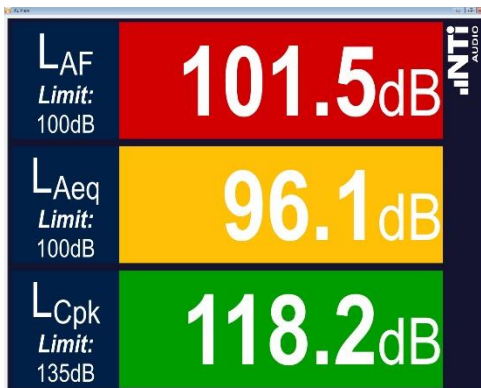# 25-673 NTI PROJECTOR PRO OPTION Firmware for XL2 Analyser

The Projector PRO software for Windows or Mac computer is a free download for registered users. The software enables control of the XL2 with the mouse and keyboard and displays the XL2 screen in real-time via a USB connection. The background display colour turns from green to red according to user-defined limits. Projector PRO offers the ability to retrieve measurement data from the XL2 without interruption to the measurement process. The entire file system of the XL2 can be available while the XL2 is measuring.
The complete data records of stored data can be transferred using drag & drop techniques to the host computer.

25-673 NTI PROJECTOR PRO OPTION Firmware for XL2 Analyser allows access to the optional XL View and the Sound Level Predictor display screens extending the XL2 Projector PRO for professional live sound monitoring and other applications where the real time monitoring and control of sound in an environment is required.

XL View Display

Sound Level Predictor Display

All Projector PRO settings can be saved in a software profile. For daily event monitoring such as monitoring sound levels in a local bar for example, sound level monitoring can start automatically when the host computer starts up and ends with shutdown. The XL2 sound level meter stores the measurement data for later documentation. The time of the XL2 sound level meter is automatically synchronized with the host computer allowing precise data recording. The XL2 sound level meter can then be secured remotely given the remote access via the host computer.

Without the XL2 Firmware upgrade the user can:	Visualize the XL2 display via USB connection on a host computer screen.
	Control of the XL2 functions via host computer.
	Transfer measurement files from the XL2 to the host computer.

With the XL2 Firmware upgrade the user can additionally use the following: (see screen shots above)

XL View
XL View window presents a large display of sound levels on the connected host computer screen. Users may select one, two or three sound pressure levels to view. Exceeding levels are presented with a pre-warning amber or alarming red colour.
To access the XL View a Projector PRO firmware option must be installed on the XL2 Sound Level Meter.

Sound Level Predictor
The Sound Level Predictor visualizes the level history of the current measurement interval and indicates the headroom for the actual measurement period for the next few minutes. Green bars confirm that the present level is well below limits. Red bars are a call to action to reduce the sound level or take alternative measures. This allows, for example a front-of-house engineer, to optimize dynamic passages of a show for maximum audience satisfaction while remaining within the legal limits.
To access the Sound Level Predictor, a Projector PRO firmware option must be installed on the XL2 Sound Level Meter.

Host computer with Windows 7, 8, 10 or higher or Mac OS 10.8 or higher is required.

Host computer software for registered users available from   https://my.nti-audio.com/support/xl2

NTi Audio Part: 600 000 439