



RELEASE NOTE

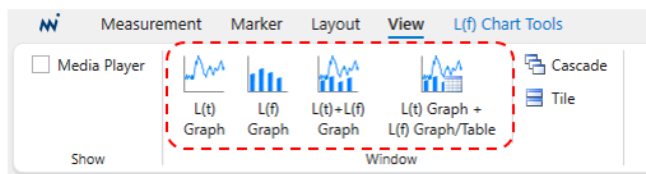
Version 4.1 Nor850

Software version 4.1 add new marker features to the General Analyzer mode and 24 new features and fixes to the Nor850 software.

New features to the General Analyzer module

External Trigger and Standard View Layouts

Version 4.1 introduce external triggering, enabling integration with external devices for initiating specific measurement actions. Additionally, default configurations for time-based (L(t)) and frequency-based (L(f)) graphs can be predefined, with multiple premade view settings that can be found in the View tab as seen below.



Multi-Marker Selection and Locking Options

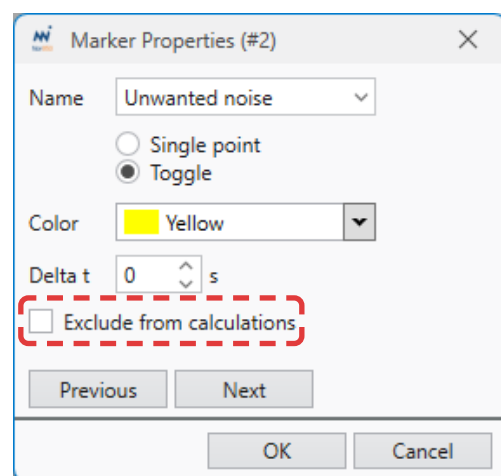
Multiple markers can now be selected simultaneously, allowing for more efficient data analysis and calculations. Additionally, the ability to lock columns and functions in your tables and graphs is now possible.

Visualization and Display Improvements

New capabilities include the graphical display of calculated percentiles and TaktMax values, as well as a 1/3-octave to 1/1-octave converter for display purposes. Color indication for marker groups has been added to help identify different markers, and the functionality to fully customize the markers have been expanded.

Marker Management and Reporting

Markers can now be selectively excluded from analysis calculations, offering greater control of the measured data. Support for additional rating report templates has been added, alongside a new "View Notes" functionality accessible through toggle marker context menus. The Rating reports within the General Analyzer module are still fully modular allowing the user to customize the rating templates however they like.



New Updates and Features to the Building Acoustic Module

ISO and ASTM Updates

Support has been extended to include ISO 10052 for service equipment measurements, with a new warning feature that trigger if the exported number of measurements (3) does not match the number of activated measurements in the project (> 3).
ASTM E3207-21 for low-frequency impact sound rating has been implemented, along with updates to several other ASTM field and laboratory testing standards.

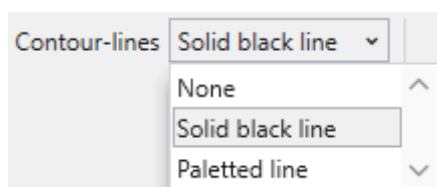
Swedish Standard SS25267:2024

The software now includes support for the Swedish standard SS25267:2024, along with Appendix A: $L_{nTW,25}$, ensuring compliance with the latest testing specifications.

Updates to the Intensity and Sound Power Modules

Contour Lines in Surface and 3D Graphs

Contour lines have been added to both surface and 3D graphical representations within the Intensity module, improving interpretability of level differences in the measured data.



Reach Stackers

Implemented in accordance with the 2006/42/EC directive for the Sound Power module.

Additional Enhancements

Project Management

It is now possible to bulk-import all projects from a selected folder into the project collection, simplifying project organization.

Bugfixes

- ◇ All places where time-data with milliseconds are written, the correct millisecond separator is now being used. This bug was mainly noted when exporting data to Excel.
- ◇ "Folder for generated reports" set to "Current Project Collection/Reports" did not function properly when reports were created from the "Active Project" window.
- ◇ A bug that allowed projects to be exported from NorConnect to Nor850 with "BA Light" option has now been fixed.
- ◇ Drag/Drop functionality was difficult and the drag "icon" interfered with the drop logic.
- ◇ Problems linked to import of Nor140 (.nbf files) for ISO 16032 has been fixed.
- ◇ It was possible to do swept sine with gain set to 0 dB. This caused distortion and the maximum gain is now capped at -5 dB for swept-sine method.