



Noise Studio release notes

Revision Number	Date	Notes
Rev. 9.64	06/05/2026	Modification to accept 100 ms dl5 profiles generated by XPT800.
Rev. 9.62	29/10/2024	Corrected the enabling of the night/daytime analysis selection.
Rev. 9.61	15/07/2024	Correction in sound insulation module.
Rev. 9.60	25/03/2024	Corrected inability to enter discontinuous plant measurements in absence of tag in NS3 module. Corrected date/time truncation in export to Excel.
Rev. 9.58	27/11/2023	Corrections in sound insulation module and machine sheet.
Rev. 9.57	27/03/2023	Updated list of microphones. Correction of sonogram time scale with 500 ms spectra step. Correction of time interval used for day-night period subdivision.
Rev. 9.56	08/02/2023	The saved file with downloaded reverbs could not be opened.
Rev. 9.55	18/01/2023	Correction of "O" option management in the configuration window. Correction of truncated data in "dl5" file containing reverbs without third octaves.
Rev. 9.54	15/11/2022	FFT export also of other instants in addition to the current spectrum.
Rev. 9.52	05/08/2022	Correction of 8k frequency missing detection in Single-Octave report.
Rev. 9.50	20/05/2022	Correction of absolute emission limit values for class VI in the environmental noise module.
Rev. 9.48	03/05/2022	Correction of minor bug when viewing dl5 files.
Rev. 9.47	02/03/2022	Correction of minor bug when connecting the instrument.
Rev. 9.46	16/02/2022	Added the possibility to set the spectrum "FAST" in the combo box "Average" for the remote station.
Rev. 9.45	31/01/2022	Correction of the report timing visualization.
Rev. 9.44	10/01/2022	Correction of NS1 module lock when entering machine sheets. Optimized the management of the "dl5" files generated by the acoustic station.

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Rev. 9.43	20/09/2021	Optimized the environmental parameters configuration window (acoustic stations).
Rev. 9.41	30/08/2021	Correction of NS3 module lock after pressing the "Save" button. Correction of the weekly exposure (Vibrations) visualization. Correction of the labels alignment in the environmental conditions plot.
Rev. 9.33	18/09/2020	Correction of the FFT calculation for vibrations. Display of data in table format. Bug fix: opening a 5-channel SLM trace and then a spectrum (1 channel), reopening SLM only 1 channel is displayed, resulting in a malfunction in multiple export to XLS. Changing of the multiple export from one measure to XLS: now all screens are closed, avoiding the "too many screens open" warning. Amplitude correction of LAeq U calculation for spectra. NS1 bug fix: inserting a track with a name identical to another worker, the existing track was lost. Correction of the construction of the graph. Correction of the display of exposure times for the vibration part in the weekly summary in NS1.
Rev. 9.32	03/08/2020	Correction of the "combo box" selection index in the statistical export for NS1. Correction of notes field for sections that have opening and closing but are without data. Multiple CSV export implementation for all sections in a VIB file. Various corrections of the translation of the strings into the different languages.
Rev. 9.31	25/02/2020	Correction of the printing of the worker protection from vibrations weekly summary. Importing measures without SLM in NS1 caused an application crash. Now the data verification is performed and the user is notified that some measures do not have SLM. Correction in NS1 of the import and display of measures relating to a worker with a machine. Invalid argument correction when saving a machine graph after editing it in NS1. Correction of display error of the first FFT sample. Correction of the reading algorithm of the d15 file header for the recovery of the instrument model. Correction of C1am calculation with total LEX contribution. Corrections of the approximations of the propagated uncertainties for Lex8h. Noise type settings opening lock for measurements calculated as average in the average properties screen: the uncertainties relating to the type of measurement set for the selected machine are loaded. Correction of the string that notifies that a measure is used for a particular worker. Association of vib files opening with the application. Fixed bug when saving incomplete sections. Implementation of machine information saving (name, model, serial and description) for vibrations. Correction of display of exposure times of HA DX, HA SX, WB for the days of the week. NS1, worker sheet: correction of the display of the notes associated with the days and the summary week.

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Rev. 9.30	20/12/2019	Correction of automatic opening of files with only one selection with a SINGLE recording. Correction of files saving.
Rev. 9.29	16/12/2019	Implementation of new algorithm for counting sections and records for dl5 files. Damaged sections are closed properly for information retrieval. Verification of the state machine traversed during file analysis. Management of the DL5 file header (sound level meter model, serial number and noise studio creation version). Introduced software destination mode string (DEV/REL). Correction of opening statistics of events. Correction of string displayed on the cursor over the statistic chart. Correction of days names label in NS4. Correction of wrong value display for the first measurement of the second channel in the vibrometer file management (*.VIB). Correction of labels with the word Vsum and Vmax in the "view measurements" interface in the opening of the vibrometer files (*.VIB).
Rev. 9.28	13/11/2019	Correction of maximum pulse count/hour in NS5. Correction of timestamp in the statistical graphs in NS5 pulse analysis. Modification of remote stations monitor because the first station of the list is not selected. Corrected uploading path of file "Model.wrk" for the pattern. Solved crash when from inside the index the reverberation time is calculated through the appropriate button. Modification of workers importing management from csv file. Workers removal management from removal interface, workspace and registry.
Rev. 9.27	17/10/2019	Instrument options can be both upper and lower case. Translated some strings in the available languages.
Rev. 9.26	07/10/2019	Corrected updating of instrument options. Solved crash when zooming pulses in NS5. Correction of minimum spectral interval in searching tonal components. Corrected data uploading from "Model.wrk". Corrected Leq recalculation in NS4.

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Rev. 9.25	26/09/2019	Fixing of the graphs sizing in the reverberation time calculation interface. Solved crash when adding machines to the worker sheet. Modification of index tab for updating the list of workers in case of adding missing workers. Solved a bug when removing a PPD from a machine. Change the method for removing files from the project to fix a bug causing not allowed items to be deleted from the project. Corrected anomalies inherent the grouping of workers in NS1 analysis, recompaction and elimination of groups that no longer have associated workers. Correction of anomalies inherent to the visualization of PPD effective level if there is no PPD associated with a worker in analysis. Fixed anomaly in the weekly calculation of the worker exposure level based on the base of the set sources.
Rev. 9.24	16/09/2019	Bug fixing
Rev. 9.23	04/09/2019	Updated NS3 for ISO16283 standard. New interface for façade insulation calculation and impact calculation. Updated Excel reports.
Rev. 9.22	25/07/2019	Bug fixing
Rev. 9.20	27/05/2019	Bug fixing
Rev. 9.14	29/01/2019	Added further configuration parameters to search for tonal components.