

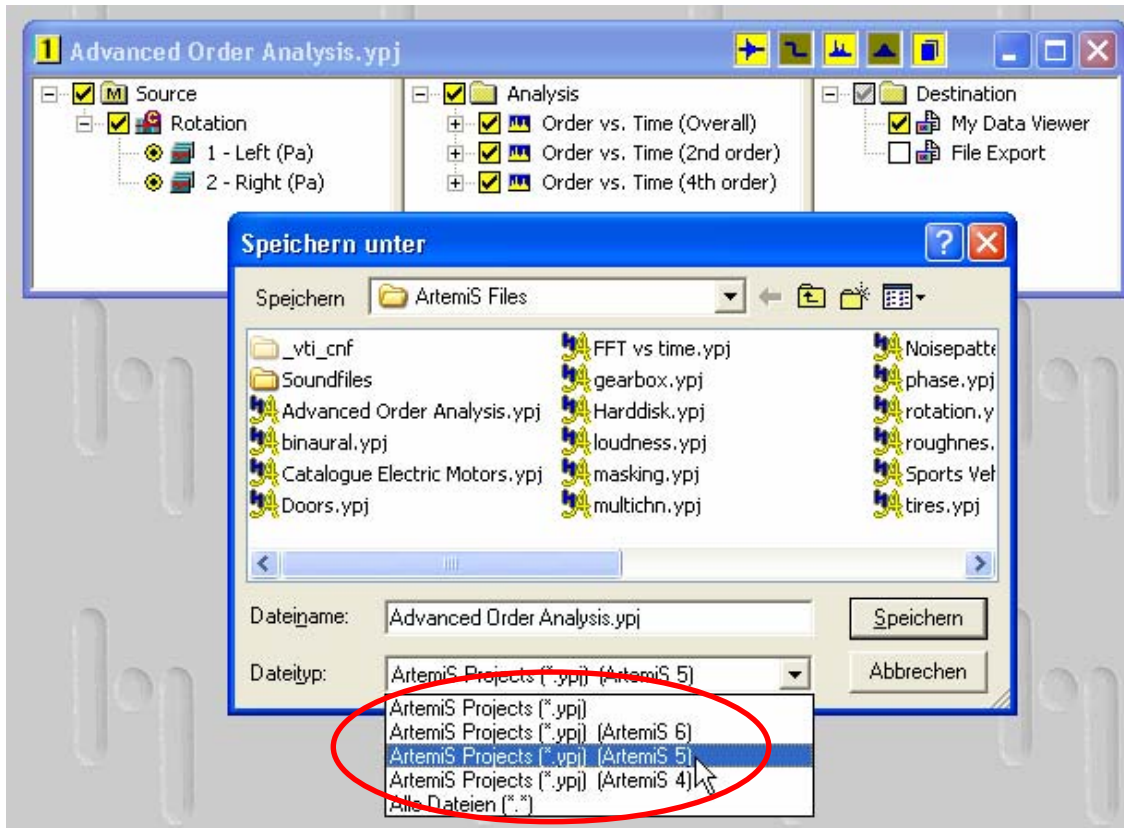
What's New in ArtemiS 7.0.400?

New Features

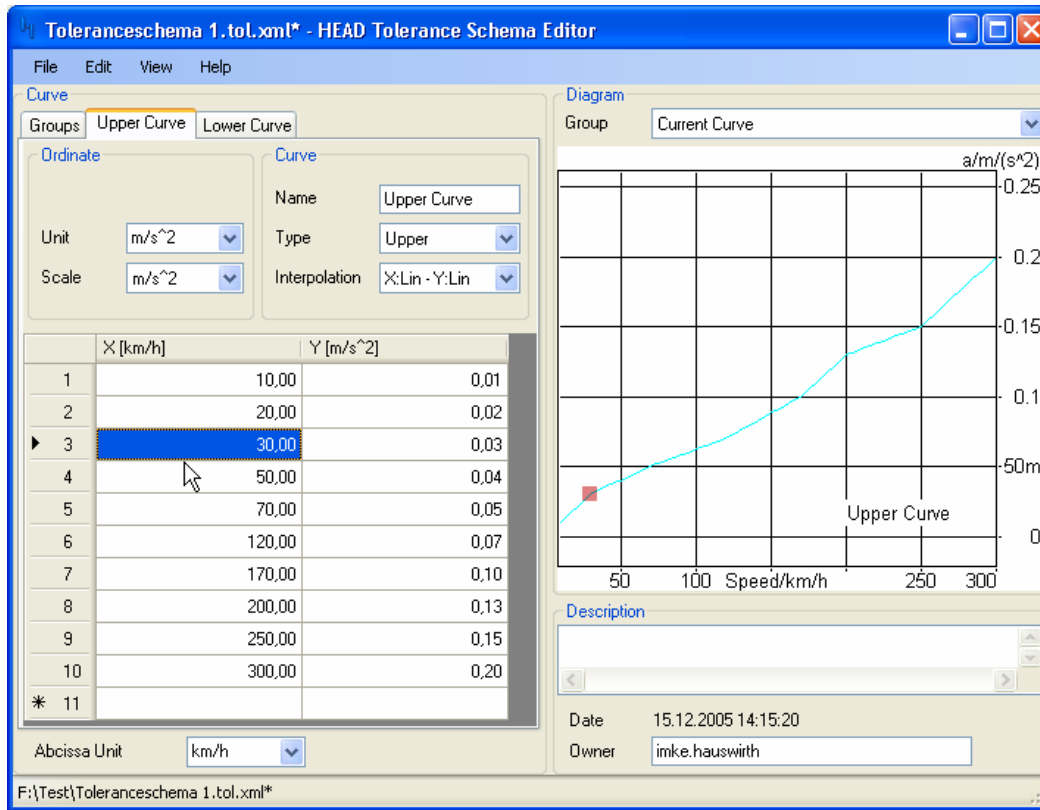


Saving Projects

- It's your choice:
The “Save as” function now allows projects, Mark Analyzers and Data Viewers to be saved in file formats compatible with ArtemiS 6, ArtemiS 5 or ArtemiS 4.



Tolerance Schemes



- ArtemiS 7.0.400 contains an entirely new program for the creation of tolerance schemes.
- Besides the creation, this program also allows the flexible management of various kinds of tolerance curves.

- The units for the X and Y axes of a tolerance scheme can be freely chosen, allowing you to create schemes for any kind of analysis.



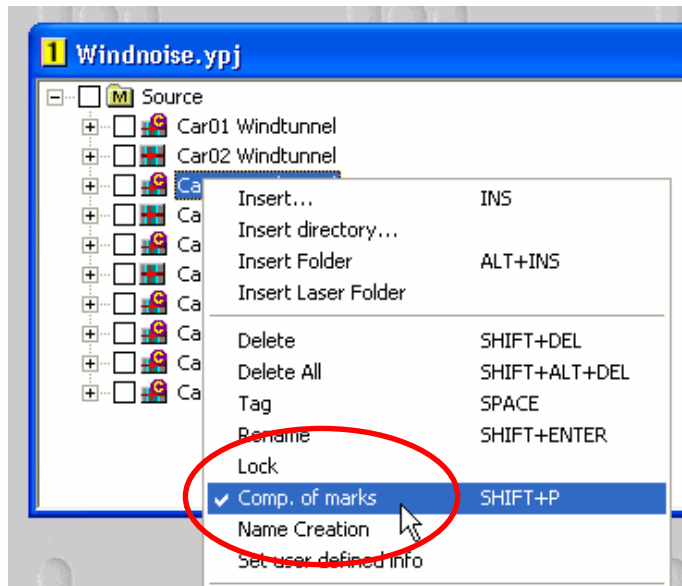
Tolerance Schemes

- The tolerance schemes created with the new program can be activated in the Statistics Pool of ArtemiS and allow a new kind of presentation in the diagrams.



- Furthermore, a list of detected tolerance violations can be displayed as a table.

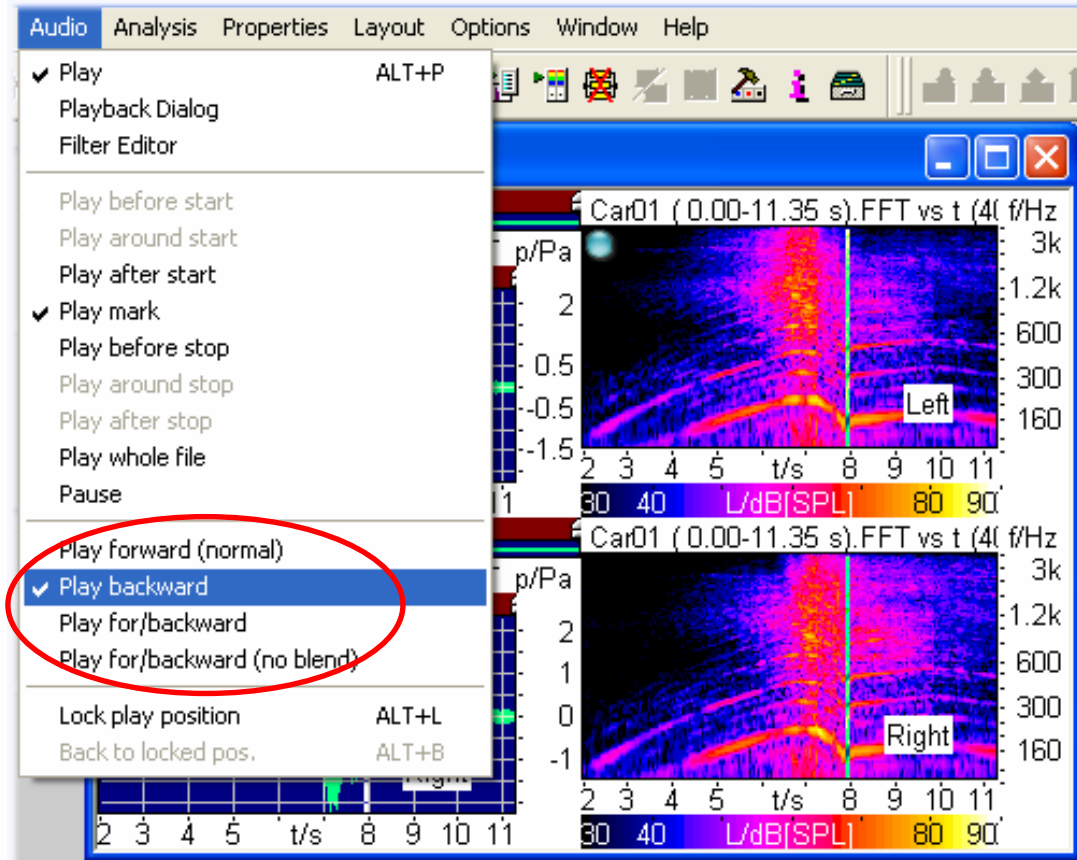
Simplified Selection for Listening Comparisons



- The (de-)selection of marks for listening comparisons has been simplified: The function “Comparison of Marks” can now be called with the keyboard shortcut [Shift]+[P] or via an entry in the context menu of a mark.



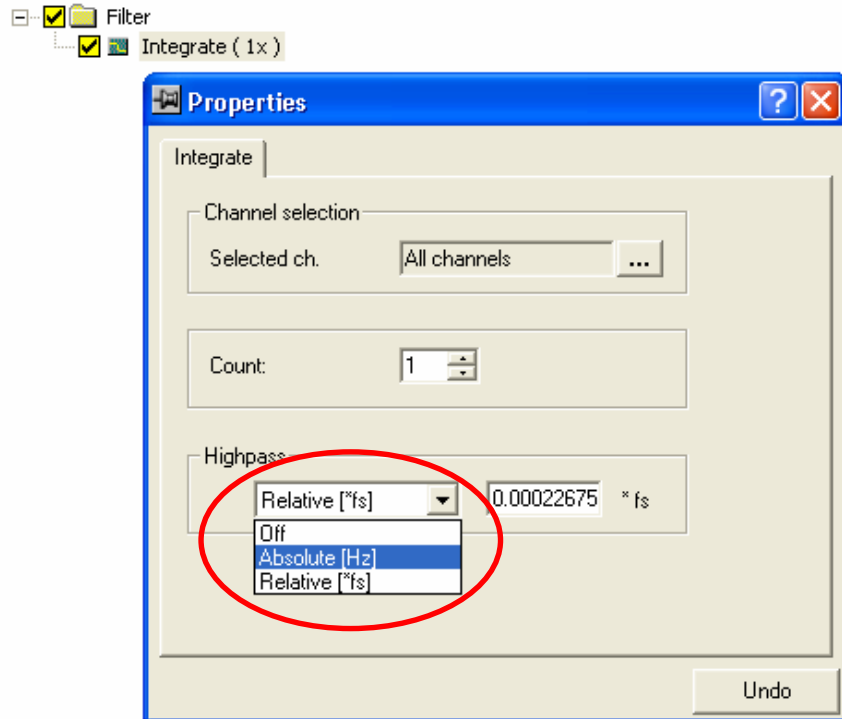
Playback: Forward and Backward



- New functions in the Audio menu (ATP 1): The Mark Analyzer now allows both forward and backward playback.

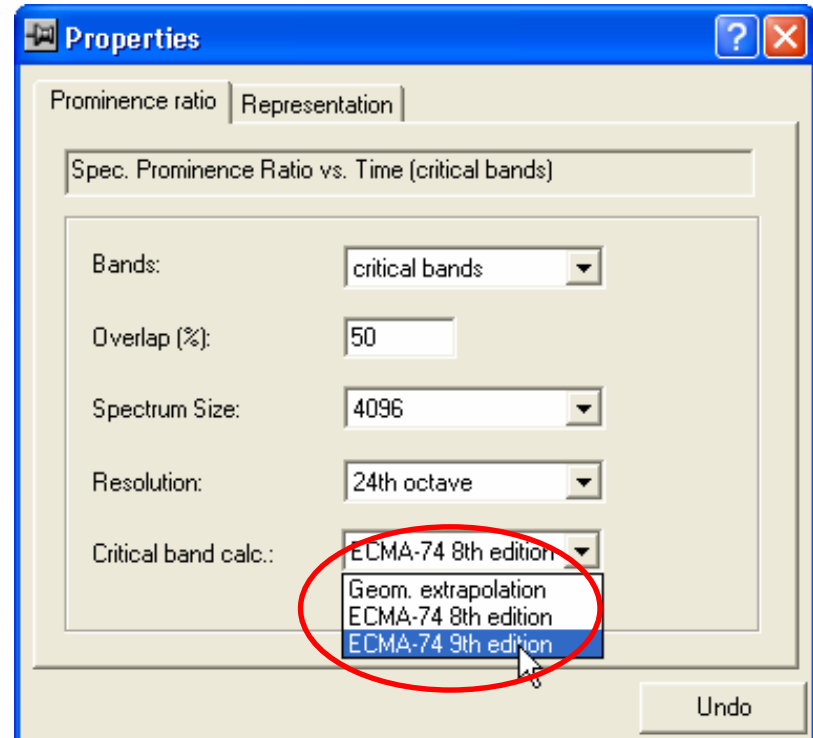
Integration without Highpass

- The highpass filter following an integration can now be deactivated. Alternatively, you can now configure its filter settings manually.

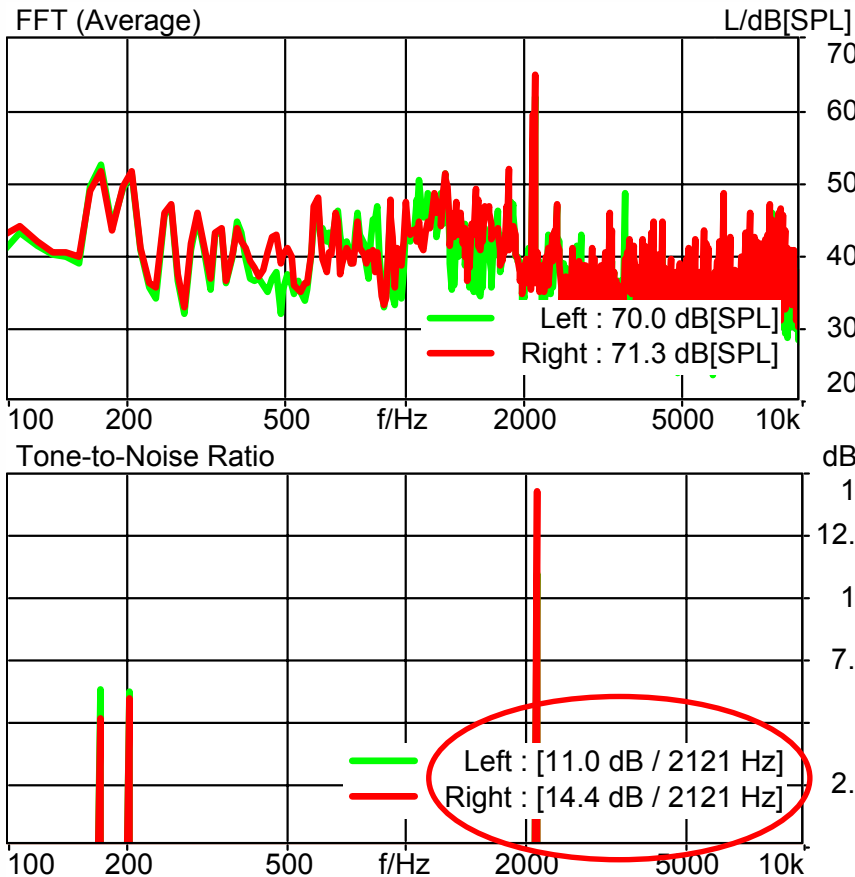


Extension: Prominence Ratio

- “Spec. Prominence Ratio” analysis (ATP 2): The upper and lower frequency limits of the frequency groups used can now be determined in compliance with the 9th edition of the ECMA-74 standard.
- The 2D Prominence analysis outputs prominent tones as single number values in the diagram legend.



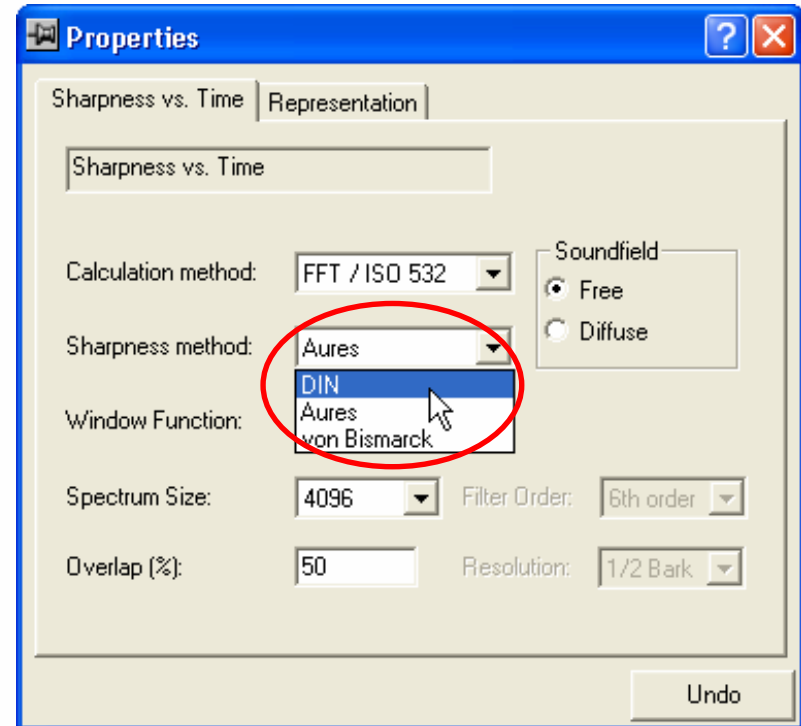
New Analysis: Tone-to-Noise Ratio



- Like the “Spec. Prominence Ratio” analysis, the new “Tone-to-Noise Ratio” analysis (ATP 7) was designed to identify tonal components of a signal and to present them as numeric values.
- According to ECMA-74, tones are classified as prominent if their signal-to-noise ratio exceeds 8 dB. Below 1 kHz, this threshold increases by 2.5 dB per octave. Tones above this limit are displayed as single number values.

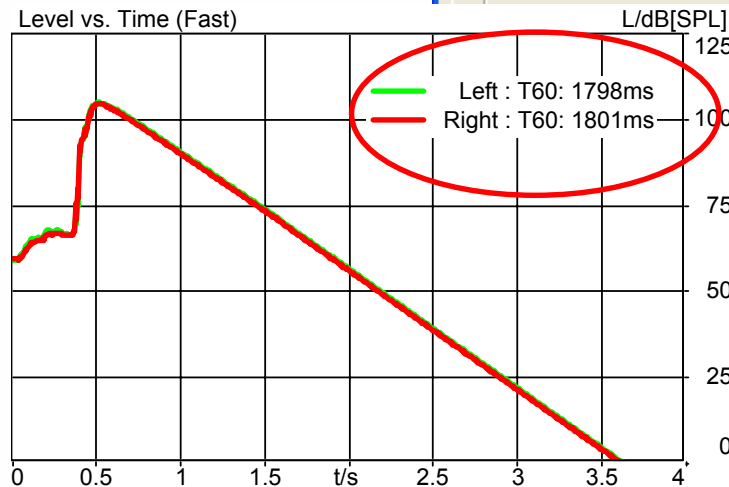
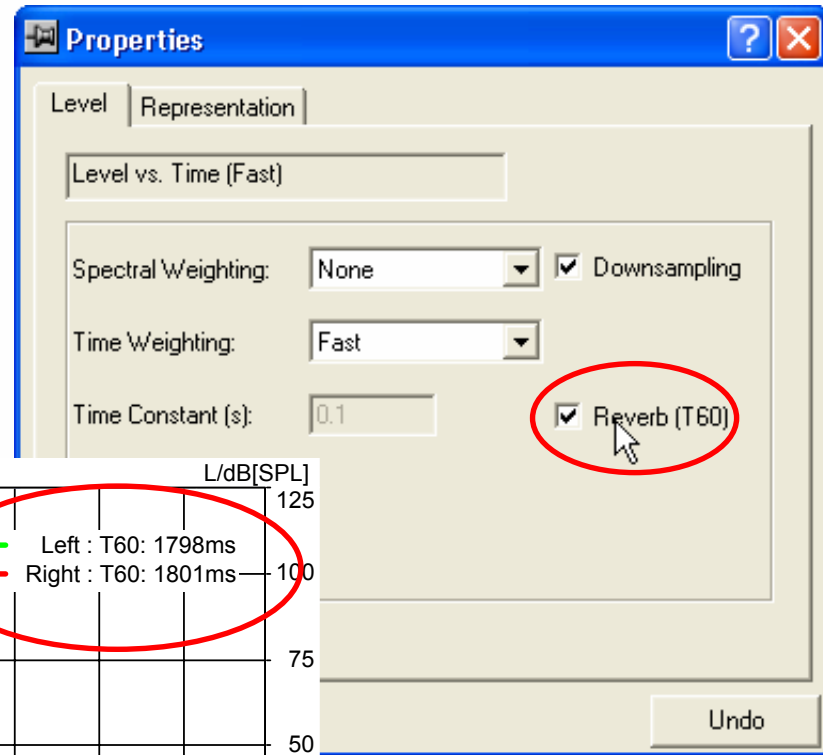
Extension of the Sharpness Calculation

- The normalization of the sharpness calculation is planned for a DIN standard. In ArtemiS (ATP 2), the preliminary DIN calculation method is already implemented.
- Of course, the classic calculation methods according to Aures and von Bismarck are still available as well.



Reverberation Time Calculation

- With the “Level vs. Time” analysis, the reverberation time of a signal can now be calculated if required.



Contact



You are interested?

Please contact us:

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