

New Features of CadnaR Version 2024

New features of CadnaR 2023 MR1 can be found [here](#).

Features

- Easy export of reports using the new predefined templates for various use cases. (File | Export Report).
- Import of IFC4 Files (.ifc in the STEP format) now available.
⇒ Note: Information on simplifying a complete building file into a room in CadnaR can be found in the CadnaR manual, Chapter “9.1.2.5 IFC4 STEP (*.ifc)”.
- Dialog Project-Info (File | Project-Info) replaces the Dialog Project Data. Entries in the Project-Info dialog are available via keywords, e.g. for the export of reports and in the PlotDesigner.
- Object-specific diagrams now available in the PlotDesigner:
 - Receiver: Reverberation Times-Diagram, Level Spectrum-Diagram
 - Receiver Chain: Reverberation Times-Diagram, Level-Diagram, STI-Diagram, SDC-Diagram
- Colors for the Multiselection is now user-definable (Options | Miscellaneous).
- New keyword "GetAuswertMittAbsASR" for the estimated mean absorption coefficient according to Eyring.
- The Default Tables can be output via the keyword "Table" independently of the User-defined Tables with the addition "default" [example for Point Sources #(Table, PQ, default)].

Bugfixes

- Bug fix when determining the quality criteria C50, C80, D50 and ALcons. Bug only occurred with the option Audio, for calculations with the particle model and CPU calculation. Different calculation results for described case and named quality criteria.

New Features of CadnaR Version 2023 MR1

- PlotDesigner significant functional expansion:
 - Multipage printouts.
 - New cell type diagram to display the spatially averaged reverberation time
 - New container type “freely positionable”, Function "Catch children" moves and - if necessary - scales the child cells if they do not fit into the container.
 - Plan cell: evaluation parameter (e.g. Level, STI) now selectable.
 - New command “create table”.
 - Mouse wheel zoom for easy zooming in the PlotDesigner view.
 - Undo / Redo commands available via symbol bar, menu bar and keyboard shortcuts CTRL+Z and CTRL+Y.
 - Keyboard shortcuts CTRL+C and CTRL+V to easily copy and paste cells.
 - Panning the view is now possible by holding down the mouse wheel or the middle mouse button.
 - Grid lines are now displayable.
 - Selection of objects in the PlotDesigner view improved:
 - Single click with left mouse button: With a single click - irrespective of the cell type - the cell which is in the foremost level in the view is always selected.
 - ALT key + single click with left mouse button: Similar to single click, but the selection only takes into account cells that are not containers.
 - CTRL + click with the left mouse button on a selected cell: Selects the higher-level container in the tree structure that contains the cell. With this function you can easily switch through the hierarchy levels.
 - Horizontal and vertical containers now with checkbox "consume unused space automatically" (default = active). If activated, this function corresponds to an empty cell with setting "as large as possible" in last position.
 - For an empty cell in a horizontal or vertical container, the size setting "auto" now corresponds to "as large as possible" in the respective container direction.
 - Axis labelling is no longer displayed for rotated sections.
- SketchUp Import updated to SketchUp 2023
- Diagrams for reverberation time and level spectra: now up to 10 Presets available to save and load the diagram settings.
- Grid Arithmetics significantly accelerated.
- Symbol: Scale bar now available
- Modify Attributes and Change Column: Replace ### with Numbering now all to set a starting number.