

d&b ArrayCalc V10 Release notes

The d&b ArrayCalc Simulation Software is the simulation tool for d&b line arrays, column and point source loudspeakers as well as subwoofers. This is a comprehensive toolbox for all tasks associated with acoustic design, performance prediction, alignment, rigging and safety parameters.

OS requirements

Windows: Win7 or higher

MacOS: 10.7 or higher

X10.0.9 Beta

Bug fixes:

- Crash when saving project containing duplicated point source groups with linked cabinets fixed.
- Crash when performing "Configure amplifiers" for certain projects fixed.
- Issue caused by loading a project after importing a source group containing linked loudspeakers fixed.
- Issue with case sensitive renaming of DS100 channels fixed.
- Issues with the availability of combined input sources (e.g. 1+2) for point source groups fixed.
- Issue with export to ArrayCalc viewer file fixed.

02/2018

X10.0.6 Beta

Features:

- Air absorption calculation/compensation improved by wider and finer humidity options.

Bug fixes:

- Crash fixed when loading projects containing mixed SUB arrays with linked cabinets and in "hop" mode.
- Crash in a Point source group fixed caused by a J-SUB with INFRA switch enabled which is changed to E-Series .
- Issue with copied or imported SUB arrays fixed.
- Missing keyboard interaction option for buttons on Devices view / Cabinets table added.
- Invalid values in snapshots of Additional amplifier groups fixed.
- Wrong mute values in snapshots of Additional amplifier groups fixed.
- Missing description of simulated signal on Memory slots of 3D plot fixed.
- Issue with linked inputs during the patch validation fixed.
- Issue with levels of linked cabinets in stacked arrays after project reload fixed.
- Already patched DS10 or DS100 assignment no longer lost when patching an output channel.
- Unexpected behavior of AutoSplay in connection with certain array / Venue settings fixed.
- "Name" column of the Venue objects table widened.

- Venue: Missing Listener height input field for triangular shapes added.

01/2018

X10.0.4 Beta

Bug fixes:

- Crash when increasing the number of positions of a SUB array with more than one cabinet per position fixed.
- ArrayCalc Help: Wrong screenshot for Point Source signal selection and SPL summation method fixed.
- Delay and level of linked cabinets reset when reading project fixed.
- Tab key navigation inside tables fixed.

12/2017

X10.0.3 Beta

Bug fixes:

- Crash when increasing the number of point sources fixed.
- Crash fixed when saving a project where some sources assigned to audio networking have been deleted.
- Issue with loading input source settings of D6/D12 from project file fixed.
- Issue with reading the rotation of linked point sources from project file fixed.
- Issue with saving a project containing large snapshots/system settings fixed.
- Issue with duplicate Remote IDs fixed.
- Missing confirmation dialog added when deleting snapshots.

12/2017

X10.0.1 Beta

Features:

- ArrayCalc V10 and R1 V3 include support for the new integrated project file format (*.dbpr). This new project file format can be opened and saved in both ArrayCalc and R1.
Note: Please note ArrayCalc V10 can open .dbac2 project files but not save them. Please check the Software Newsletter 12/2017 for details regarding the recommended workflow.
- Support of d&b Soundscape systems, including DS100 Signal Engine, En-Scene and En-Space software options.
- New triangular Venue element shape, improvements on Arc segment shape which can now also be elliptic.
- New Venue element types. Venue element types can now be changed no matter which shape.
- Join/Split of Venue elements.
- Multiselection and drag&drop of cabinets.
- Linking and amplifier selection already available on Source view.
- Point source groups now support SUBs as well.
- SUB array can be deleted from projects where it is not used.
- Pan and zoom for Alignment top view diagram.

- Overall dimensions of an array displayed below the Required space diagram on Rigging plot view.
- Support of DS10 and DS100, including export of a Dante Controller preset file.

For a detailed description of the new features, please also refer to the Software Newsletter 12/2017.

12/2017