

## d&b R1 V3 Release notes

The R1 Remote control software Version 3 is designed to operate d&b systems remotely using the d&b Remote network based on OCA (AES70) via Ethernet (D80, D20, 30D, 10D and DS100) technologies and CAN-Bus (D80, D20, 30D, 10D, D12, D6, E-PAC with Display). A detailed description of the d&b Remote network and CAN-Bus is given in the TI 312 d&b Remote network. An introduction to Ethernet networks is given in the TI 310 Ethernet networking.

### OS requirement

**Windows:** Win7 or higher

**MacOS:** 10.7 or higher

### Installation hints

- If your firewall application blocks "mDNSResponder.exe", please allow access.

### V3.6.10

#### Bug fixes:

- AutoCreate algorithm fixed when building 3 x B2-SUB CSA SUB array.
- Matrix crosspoint control popup no longer closed when clicking inside input fields while zoom factor is higher than 100%.
- Matrix crosspoint control popup now accepts user input even if ISP signal is flashing or TAB key was pressed.
- Network utilization improved while creating System settings. This results in a reduced System settings creation time.
- R1 no longer crashes when recalling System settings with a lot of content.
- Meter controls within automatically created DS100 'Input', 'Output' and Soundscape 'En-Space zones & room' views redefined. Minimum and maximum are now aligned with the fader control next to the meter control. The marker position uses -2dbFS as default value.
- Meter controls within automatically created DS100 'Input' view updated to use 'Matrix input level meter post fader' instead of 'Matrix input level pre fader'.
- Snapshot recall with combined values for Input fallback/Input overwrite mode and state does no longer cause random fallback/overwrite state.

06/2019

### V3.6.7

#### Features:

- Support of B8-SUB loudspeaker.

#### Bug fixes:

- "Digital input lock" property of D20/D80/10D/30D as target for display controls added in R1 remote views.
- Display controls assigned to a group show a human readable content.
- Removing large group nodes no longer freezes R1.
- Matrix Crosspoint control no longer allows modification of width and height parameters. Instead, the actual width and height are calculated based on the input & output count.
- "Highlight channels" button in Groups view checks for the type of selection.
- Unexpected high CPU load while browsing Devices view fixed.

- Unintended "Project file changed" notification no longer shown if project file is located on a network share, iCloud, DropBox,... on MacOS.
- Check boxes in AutoCreate dialog now shown on MacOS Mojave.
- Switching views while an amplifier channel is selected in Devices view re-enabled when using MacOS Mojave.
- Switching DS100 Coordinate mapping entries in Devices view re-enabled in MacOS Mojave.
- Improved loading of a project file using double click on MacOS Mojave.

04/2019

### V3.6.5

#### Bug fixes:

- Setting of maximum number of speakers for KSL8-Arc, KSL8-Line, KSL12-Arc and KSL12-Line setups in LoadMatch feature fixed.
- Inoperable device reset functionality re-enabled.
- DS100 Matrix Input / Matrix Output / En-Space ZoneEqs now show the actual filters of the connected device
- Matrix crosspoint control with hidden output controls no longer causes a crash when clicking on an empty space within the crosspoints.

02/2019

### V3.6.3

#### Features:

- Matrix crosspoint control improved.
- AutoCreate dialog improved.
- New En-Space room parameters 'Predelay factor' and 'Rear level' support added. (Requires DS100 firmware v1.08.00 or higher).
- Meter, LED and display control size redefined. Additional scale or way information will no longer affect the size of the control element itself.

**Note:** This redefined control size may require small layout adjustments in existing projects and templates.

#### Bug fixes:

- Locking mechanism added to prevent accidental overwriting when working with R1 & ArrayCalc on the same project at the same time. (Requires ArrayCalc v10.6.0 or higher)
- Way information on meter controls no longer overlaps.
- No more unintended password prompt when opening a project created using the Western Arabic numeric system on a computer that does not use the same setting.
- Adding multiple sound object controls using 'Add to view' no longer joins the items.
- Selecting a target in the remote control properties editor no longer changes the target filter.
- Manually adding an online DS100 to project blocked to prevent Soundscape parameter reset.

02/2019

### V3.4.4

#### Bug fixes:

- AutoCreate now creates relative controls adding a "rel." prefix to the name.
- Copy & paste of a switch control targeting a snapshot no longer leads to a checkable button.
- Issue with overlapping 2-Way active information for Meter controls solved.

12/2018

### V3.4.3

#### Bug fixes:

- Repositioning of controls using cursor keys or mouse improved on Remote and Positioning views.
- Initial AutoCreate check no longer reports every source as outdated.

11/2018

### V3.4.2

#### Features:

- Support of KSL loudspeakers.
- Support of symmetrical pair links provided by ArrayCalc.  
**Note:** Enabling symmetrical pair linking in ArrayCalc will disable the ArrayVerification function for the relevant source groups.
- Support of additional En-Space room #7 Modern - medium 2 (Bing Concert Hall, Stanford)
- AutoCreate feature extended to include the creation of a group tree and Remote views for DS100 / Soundscape.
- Size of meter and LED controls can now be reduced.

#### Bug fixes:

- AutoCreate algorithm improved to support asymmetrical SUB arrays.
- AutoCreate algorithm improved to support flown & stacked arrays.
- AutoCreate algorithm caption for 'Digital input clock' fixed.
- AutoCreate is no longer triggered for projects configured to start in Show mode.
- Column width of System check tables redefined to improve readability.
- Wrong drawing of sound object positions on Positioning views fixed when these are based on rotated ArrayCalc venue elements.
- Sound object controls can now be moved to negative coordinates using the keyboard.
- Opening a Positioning view in Tuning mode now shows the ArrayCalc venue element with correct scaling.
- Changing the sorting order within the Snapshots & System settings view now also applies to the list of snapshots and system settings.
- Aborting the snapshot update no longer removes the snapshot itself. Matrix crosspoint control creation time decreased.
- Minor speed improvements when loading files with many snapshot or system settings contents.
- Reoccurring 'Project file changed' dialog on MacOs no longer appears when storing project locally.

10/2018

### V3.2.5

#### Bug fixes:

- R1 load time accelerated, if harmed by many log entries.
- Fixed preview pictures of Remote & Positioning views if they failed to appear.
- Removed graphical artifacts if resizing a Positioning view.
- Drawings of rotated Positioning views fixed.
- Modifications of picture controls do not lead to accidental resizing of them any more.

07/2018

### V3.2.4

#### Bug fixes:

- Crash caused when loading projects which are based on \*.dbac2 files and were modified by R1V2 fixed.
- Switching to Online mode sped up for projects containing large amounts of snapshot contents.
- Wrong nominal position label of Array verification fixed.
- Adding / moving / scaling picture controls on Positioning & Remote views sped up.
- Illogical restrictions when moving groups in group tree removed.
- Crash when loading the same template file containing pictures twice.
- AutoCreate now uses SUB array name specified in ArrayCalc.
- Positioning view scaling is no longer reset when switching to another view while in Tuning mode.
- Analog/digital Input monitoring toggles for 10D/30D enabled in Devices view.

07/2018

### V3.2.0

#### Features:

- Log view added to display warnings and errors of devices that are part of the project.
- Redesign of Sound object controls.
- Grid can be added to Positioning view.
- Picture control can be added to Positioning view.
- Sound object controls can be added to Positioning view using drag & drop from the Matrix Input list on the left-hand side of the view.

#### Bug fixes:

- ArrayVerification algorithm for T10 setup improved.

06/2018

### V3.0.11

#### Bug fixes:

- Group tree validation after loading a project from ArrayCalc added. "Audio networking" renamed "DS data" to avoid confusion with the "Audio networking" option in ArrayCalc.
- System calibrate / check function no longer getting stuck.
- Missing channel controls after using Auto create fixed.
- Loss of relative control values in snapshots after using Update fixed.
- Remaining hourglass icon on "Digital clock selection" fixed.

05/2018

### V3.0.10

#### Bug fixes:

- Fixed crash when switching to the Home view after editing Remote control name.
- Fixed crash caused by undoing a join/split operation.
- Remote control template can now be properly assigned to a device target.  
Defining Remote control templates without a target fixed.
- Group targets can now be properly assigned to a selection of Remote controls.
- Minor issues in Meter Remote control fixed.

04/2018

### V3.0.9

#### Bug fixes:

- Missing option to assign mixed targets to templates fixed.

04/2018

### V3.0.8 Beta

#### Bug fixes:

- Swapping Coordinate mapping working again after reloading project.
- Coordinate mapping tab contents now properly displayed.  
Array verification no longer freezes.
- Issue with double-selected Sound object fixed.
- Correct scaling behavior in Positioning view.
- Group delay for Function groups correctly accepted now.

03/2018

### V3.0.7 Beta

#### Features:

- System check extended to include testing the DS100 output routing.
- R1 Help now includes TI 501 d&b Soundscape.

#### Bug fixes:

- Minor fixes for auto-creation of remote views.
- Channel name no longer lost when reopening the project.
- Selection in subfunction of DS subscribed channels function fixed.
- Copy&paste and drag&drop of a Matrix crosspoint control no longer causes loss of target information.

02/2018

### V3.0.4 Beta

#### Bug fixes:

- Increased overall stability.
- Support DS100 firmware prior to 1.00.06 removed. Please update your device using the R1 Service view.
- Correct update of DS100 coordinate mapping after entering new values while online.
- Issue with recalling & saving snapshots that contain Sound object positions fixed.

12/2017

### V3.0.1 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.
- Support of DS100 Signal Engine with new views for Input, Output and matrix.
- Support of optional d&b Soundscape software features En-Scene and En-Space.
- Extended Snapshot editor to view and delete content.

For a detailed description of the new features and information regarding the recommended workflow, please also refer to the Software Newsletter.

12/2017