

d&b 10D/30D Firmware V2.24.02, Release notes

An amplifier firmware update is performed using the d&b R1 Remote control software. To do this, start R1, navigate to the Service view, select the Firmware tab and download the latest version.

Updating the 10D/30D firmware requires an Ethernet connection to R1. In this case make sure the network does not get interrupted during the process. An interruption during the update process does not harm the amplifier, just restart R1 and repeat the update.

Changes of V2.24.02 against previous V2.24.01

Bug fix:

- Issue with limiter of Linear setup fixed.

11/2020

Changes of V2.24.01 against previous V2.22.01

- 44S setup added.

Bug fixes:

- Issue fixed where manual IP address could not be set in mode DHCP + FB.

10/2020

Changes of V2.22.01 against previous V2.20.04

Bug fixes:

- THC settings are no longer included in AmpPresets.
- Issue with incorrect system backups fixed.

04/2020

Changes of V2.20.04 against previous V2.20.02

Bug fix:

- Issue fixed where occasionally after powering on, audio did not pass through some amplifier channels.

02/2020

Changes of V2.20.02 against previous V2.18.00

- New THC (Temperature & Humidity Control) function for all array-processed setups providing temperature and humidity adjustment without the need for recalculation in ArrayCalc.

Note:

THC requires the use of the latest version of ArrayCalc V10.10.0 in combination with R1 V3.10.0.

Bug fixes:

- A-Series setups improved (30D only).
- Minor fixes of Input settings and limiters.
- Issue with WebRemote and iOS 13 and macOS Catalina fixed.

12/2019

Changes of V2.18.00 against previous V2.16.02

- A-Series setups added (30D only).

Bug fixes:

- Minor fixes of Input settings and limiters.
- Improved stability.

10/2019

Changes of V2.16.02 against previous V2.16.01

Bug fix:

- B8-SUB setup polarity corrected.

07/2019

Changes of V2.16.01 against previous V2.14.04

- B8-SUB setup added.
- Load monitoring now functional when channel is muted.
- GPIO output function for Channel mute added.
- Channel error indication on Level screen added.
- Operating data screen added.

Bug fixes:

- Issue with Load monitoring during high level audio program fixed.
- Issue with Web remote control using touchscreens and mouse fixed.
- Reliability of Remote network and firmware storage improved.

04/2019

Changes of V2.14.04 against previous V2.14.03

NOTICE:

An update to this firmware version is strongly recommended.

Bug fix:

- Issue with performance of limiters in V2.14.03 fixed.

12/2018

Changes of V2.14.03 against previous V2.14.01

Bug fixes:

- Issue with device not shown in R1 after powering up without Remote network connection fixed.
- Sporadic signal artifacts when digital inputs are enabled fixed.

11/2018

Changes of V2.14.01 against previous V2.14.00

Bug fix:

- Issue with device not shown in R1 after firmware update when IP mode was set to "DHCP + LL" fixed.

10/2018

Changes of V2.14.00 against previous V2.12.00

Bug fixes:

- E15-SUB setup improved.
- V-SUB setups improved.
- Sporadic artifacts caused by input pilot tones fixed.
- Issue when updating ArrayProcessing slot data fixed.
- Issue with Q-SYS plugin when calibrating Load monitoring fixed.
- Stability with heavy Ethernet traffic improved.

10/2018

Changes of V2.12.00 against previous V2.10.02

Bug fixes:

- Load monitoring and System check issues fixed.
- Input Override mode now applies Input A3 gain setting.
- Incidental amp protection triggering with 4 x T10 per 30D channel fixed.
- 24S/24S-D limiters improved.
- Minor corrections of 16C and 24C/24C-E setups.
- E4 and 4S limiters improved.

04/2018

Changes of V2.10.02 against previous V2.10.01

Bug fix:

- Issue when updating multiple ArrayProcessing slot data with R1 fixed.

10/2017

Changes of V2.10.01 against previous V2.08.02

- New Backup/Restore function for the complete amplifier configuration via the Web Remote interface.
- GPIO functions extended.

Bug fixes:

- Digital inputs/SRC: noise and clocking issues fixed.
- Reliability of Load Monitoring improved.

10/2017

Changes of V2.08.02 against previous V2.08.00/01

Bug fixes:

- Y8/Y12 limiters improved.

04/2017

Changes of V2.08.00/01 against previous V2.06.01

- Array verification added.
- Indicators for GPIO command execution status added.

Bug fixes:

- AmpPreset "modified" status issues fixed.
- ArrayProcessing: Loss of HF-Trim settings after power cycle fixed.
- AutoStandby now disabled when Load Monitoring is active.
- OCA object status inconsistencies between R1 and amplifier fixed.

04/2017

Changes of V2.06.01 against previous V2.04.00

- 24S, 24S-D and 21S-SUB setups added (30D only).
- ArrayProcessing for T10 line arrays added (setups T10-AP, T-SUB-AP).
- Improved stability of network and web remote communication.
- Optional password protection of web remote access.
- Improved display of sync status of digital inputs.
- Minor corrections of E6 and MAX2 setups.

Bug fixes:

- Issue resulting from GPIOs controlling AmpPresets fixed.

10/2016

Changes of V2.04.00 against previous V2.02.00

- B6-INF setup added (B6-SUB Infra mode, 30D only).
- LoadMatch for F1 220/F1 222 enabled.
- New Copy/Paste function in the EQ menu. EQ settings can be copied and pasted to other channels.
- New Link function allowing the linking of the EQ and/or Delay settings across channels.
- New Input Monitoring mode: DS data. The Fallback function can now be triggered if the connected DS10 detects that the Dante channel is not available on either the Primary or the Secondary Dante network.

04/2016

Changes of V2.02.00 against previous V2.00.06

- B22-SUB setup added (30D only).
- Support of new HF Trim control for ArrayProcessing.
Note: This feature only works using the latest version of ArrayCalc V8.6.2 in combination with R1 V2.14.2.
- Improved Web Remote control.
- Screen for DS10 channel and stream labels.

Bug fixes:

- Minor fixes of Input management and other features.

11/2015

Changes of V2.00.06 against previous V1.12.00

- V7P and V10P setups added (30D only).
- Automatic Standby option.
- Input fallback / override configurations added.
- New IP configuration modes.
 - 1) Manual
 - 2) DHCP + fallback to manual IP (= former "Auto (DHCP)" mode)
 - 3) DHCP + Link local (automatic IP when no DHCP present)

Bug fixes:

- Improved accuracy of peak limiters.
- Sporadic wrong delay setting by R1 snapshots corrected.
- System check HF measurement corrected.

09/2015

V1.12.00

First release of 10D/30D firmware. Features are largely identical to the current D80/D20 Firmware V1.10.03 plus the following specific add-ons for 10D/30D:

- GPIOs.
- Up to 4 analog and 4 digital inputs selectable per channel.
- Sample rate converter option for digital inputs.
- Gain control for each input.

06/2015

Loudspeaker setups

Setup name	10D (from version)	30D (from version)
10A Arc	V1.12.00	V1.12.00
10A Lin	V1.12.00	V1.12.00
10ADArc	V1.12.00	V2.02.00
10ADLin	V1.12.00	V1.12.00
10S/A	V1.12.00	V1.12.00
10S/A-D	V1.12.00	V1.12.00
12S	V1.12.00	V1.12.00
12S-D	V1.12.00	V1.12.00
12S-SUB	V1.12.00	V1.12.00
16C	V1.12.00	V1.12.00
18S-SUB	V1.12.00	V1.12.00
21S-SUB		V2.06.00
24C	V1.12.00	V1.12.00
24C-E	V1.12.00	V1.12.00
24S		V2.06.00
24S-D		V2.06.00
27S-SUB	V1.12.00	V1.12.00
44S	V2.24.01	V2.24.01
4S	V1.12.00	V1.12.00
5S	V1.12.00	V1.12.00
8S	V1.12.00	V1.12.00
AL60 PS		V2.18.00
AL60 Out		V2.18.00
AL60 In		V2.18.00
AL60 AP		V2.18.00
AL90 PS		V2.18.00
AL90 Out		V2.18.00
AL90 In		V2.18.00
AL90 AP		V2.18.00
B1-SUB		V1.12.00
B2-SUB		V1.12.00
B22-SUB		V2.02.00
B4-SUB	V1.12.00	V1.12.00
B6-INF	V2.04.00	V2.04.00
B6-SUB	V1.12.00	V1.12.00
B8-SUB	V2.16.01	V2.16.01
C3		V1.12.00
C4-SUB	V1.12.00	V1.12.00
C4-TOP	V1.12.00	V1.12.00
C6	V1.12.00	V1.12.00

Setup name	10D (from version)	30D (from version)
C7-SUB	V1.12.00	V1.12.00
C7-TOP	V1.12.00	V1.12.00
Ci45	V1.12.00	V1.12.00
Ci60	V1.12.00	V1.12.00
Ci80	V1.12.00	V1.12.00
Ci90	V1.12.00	V1.12.00
E0	V1.12.00	V1.12.00
E12	V1.12.00	V1.12.00
E12-D	V1.12.00	V1.12.00
E12-DX	V1.12.00	V1.12.00
E12-SUB	V1.12.00	V1.12.00
E12-X	V1.12.00	V1.12.00
E15-SUB	V1.12.00	V1.12.00
E18-SUB	V1.12.00	V1.12.00
E3	V1.12.00	V1.12.00
E4	V1.12.00	V1.12.00
E5	V1.12.00	V1.12.00
E6	V1.12.00	V1.12.00
E8	V1.12.00	V1.12.00
E8-X	V1.12.00	V1.12.00
E9	V1.12.00	V1.12.00
F1220		V1.12.00
F1222		V1.12.00
J-INFRA		V1.12.00
J-SUB		V1.12.00
J-SUB-AP		V1.12.00
J12-AP		V1.12.00
J12-Arc		V1.12.00
J12-Line		V1.12.00
J8-AP		V1.12.00
J8-Arc		V1.12.00
J8-Line		V1.12.00
Linear	V1.12.00	V1.12.00
M2		V1.12.00
M4 active	V1.12.00	V1.12.00
M4 passive	V1.12.00	V1.12.00
M6 active	V1.12.00	V1.12.00
M6 passive	V1.12.00	V1.12.00
MAX active	V1.12.00	V1.12.00
MAX passive	V1.12.00	V1.12.00
MAX2	V1.12.00	V1.12.00

Setup name	10D (from version)	30D (from version)
Q-SUB	V1.12.00	V1.12.00
Q1	V1.12.00	V1.12.00
Q1-Line	V1.12.00	V1.12.00
Q10	V1.12.00	V1.12.00
Q7	V1.12.00	V1.12.00
T-SUB	V1.12.00	V1.12.00
T-SUB-AP	V2.06.00	V2.06.00
T10 Arc	V1.12.00	V1.12.00
T10 Line	V1.12.00	V1.12.00
T10-AP	V2.06.00	V2.06.00
T10 PS	V1.12.00	V1.12.00
V-SUB		V1.12.00
V-SUB-AP		V1.12.00
V10P		V2.00.06
V12 Arc		V1.12.00
V12 Line		V1.12.00
V12-AP		V1.12.00
V7P		V2.00.06
V8 Arc		V1.12.00
V8 Line		V1.12.00
V8-AP		V1.12.00
Y-SUB	V1.12.00	V1.12.00
Y-SUB-AP	V1.12.00	V1.12.00
Y10P	V1.12.00	V1.12.00
Y12 Arc	V1.12.00	V1.12.00
Y12 Line	V1.12.00	V1.12.00
Y12-AP	V1.12.00	V1.12.00
Y7P	V1.12.00	V1.12.00
Y8 Arc	V1.12.00	V1.12.00
Y8 Line	V1.12.00	V1.12.00
Y8-AP	V1.12.00	V1.12.00