

d&b 5D Firmware 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 amplifier 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.

Updating the amplifier firmware will factory reset the configuration.

5.2.0

Note:

This firmware includes updating the Dante module. The device will power cycle twice to update all components. Due to the update, the Dante module will be reset to factory defaults.

Enhancements:

- The system calibration state is saved over power cycles so R1 does no longer complain about the calibration missing.
- Clearing a channel now also clears EQ filters.

Bug fixes:

- Occasional swapping of Dante input DT1 for DT2 and DT3 for DT4 after a power cycle no longer occurs.
- Connection attempts using OCA are no longer blocked when toggling between Online and Offline state in R1 repeatedly.
- In situations with high multicast traffic, the 5D no longer reboots.
- Failed update of conflicted dbRemoteIDs using R1 fixed.
- Applying 'Clear config' using Dante Controller no longer sets the device name to 'UltimoX4-...'.
The new default name of 5D starts with 'db-5D-...'
- Ethernet connections using 10 Mbit/s are no longer reported as 'Off'.

11/2024

5.0.10

Enhancements:

- A permanently lit GR / OVL indication when T10 Line / Arc speakers are driven and HFC is changed to 0 while audio is played back is fixed by updating to R1 V3.32.3 or higher.
- Transients on output when switching off a 5D amplifier driving T10 Line / Arc speakers after changing HFC to 0 while audio was played back is fixed by updating to R1 V3.32.3 or higher.

Features:

- Triggering the 'Identify' option of Dante Controller now uses the LED 'Wink' pattern of the amplifier to identify the device.

Bug fixes:

- 5D no longer reboots continuously when a Dante Domain Manager configuration is enrolled.
- Using the 'Clear config' option when resetting 5D amplifier with Dante Controller now updates Dante information shown in R1.

11/2023

5.0.8

Notes:

Devices reporting 'Device MAC address invalid' or 'Device Serial number invalid' require reprogramming by d&b service.
Please contact support@dbaudio.com for assistance.

Features:

- Reading 5D event log using R1 Service view.

Enhancements:

- GR/Headroom indication update rate increased.
- OVL indication improved when using analog input signal.
- IP netmask handling updated to support networks other than 255.255.255.0 and 255.255.0.0.

Bug fixes:

- Recurring System Error 7 fixed.
- Device no longer generates a 24 kHz signal when a high shelf filter is set up as User EQ.
- Transients on outputs when Dante sampling rate is changed (48 kHz / 96 kHz) reduced.
- Reboot of Dante Module using Dante Controller no longer causes audible noise.
- In case all input routing to a channel is disabled while input signal is applied, the ISP LED no longer remains on.
- GPI state now properly updated when GPI mode is changed (hi / lo toggle).
- GPI state now properly updated when the same function has been assigned twice.

08/2023

5.0.1

Notes:

This version contains major updates to the 5D amplifier firmware.
We strongly recommend you to install this version.

Features:

- First official 5D firmware.

Bug fixes:

- Filters (CUT, HFA, CPL, HFC,...) no longer reset after power cycle.
- GPI is now working even if no Ethernet cable is connected.
- Improved VCA characteristics.
- Having a GPI configured as VCA no longer blocks R1 modifications to output level.
- R1 controls no longer show hourglass symbol for settings that are controlled using level based GPI.

01/2023

5.0.0 and lower

Notes:

Firmware used for early (pre-)series production.

11/2022

Loudspeaker setups

Setup	D40	40D	30D	10D	5D	D80	D20
10A Arc	●	●	●	●	●	●	●
10A Lin	●	●	●	●	●	●	●
10ADArc	●	●	●	●	●	●	●
10ADLin	●	●	●	●	●	●	●
10S/A	●	●	●	●	●	●	●
10S/A-D	●	●	●	●	●	●	●
12S	●	●	●	●		●	●
12S-D	●	●	●	●		●	●
12S-SUB	●	●	●	●	●	●	●
16C	●	●	●	●	●	●	●
18S-SUB	●	●	●	●		●	●
21S-SUB	●	●	●			●	●
24C	●	●	●	●	●	●	●
24C-E	●	●	●	●	●	●	●
24S	●	●	●			●	●
24S-D	●	●	●			●	●
27S-SUB	●	●	●	●		●	●
44S	●	●	●	●	●	●	●
4S	●	●	●	●	●	●	●
5S	●	●	●	●	●	●	●
8S	●	●	●	●	●	●	●
AL60 PS	●	●	●			●	●
AL60 Out	●	●	●			●	●
AL60 In	●	●	●			●	●
AL60 AP	●	●	●			●	●
AL90 PS	●	●	●			●	●
AL90 Out	●	●	●			●	●
AL90 In	●	●	●			●	●
AL90 AP	●	●	●			●	●
B1-SUB	●	●	●			●	●
B2-SUB	●	●	●			●	●
B22-SUB	●	●	●			●	●
B4-SUB	●	●	●	●		●	●
B6-INF	●	●	●	●		●	●
B6-SUB	●	●	●	●		●	●
B8-SUB	●	●	●	●	●	●	●
C3	●	●	●			●	●
C4-SUB	●	●	●	●		●	●
C4-TOP	●	●	●	●		●	●
C6	●	●	●	●		●	●

Setup	D40	40D	30D	10D	5D	D80	D20
C7-SUB	●	●	●	●		●	●
C7-TOP	●	●	●	●		●	●
Ci45	●	●	●	●		●	●
Ci60	●	●	●	●		●	●
Ci80	●	●	●	●		●	●
Ci90	●	●	●	●		●	●
E0	●	●	●	●	●	●	●
E12	●	●	●	●		●	●
E12-D	●	●	●	●		●	●
E12-DX	●	●	●	●		●	●
E12-SUB	●	●	●	●	●	●	●
E12-X	●	●	●	●		●	●
E15-SUB	●	●	●	●	●	●	●
E18-SUB	●	●	●	●		●	●
E3	●	●	●	●	●	●	●
E4	●	●	●	●	●	●	●
E5	●	●	●	●	●	●	●
E6	●	●	●	●	●	●	●
E8	●	●	●	●	●	●	●
E8-X	●	●	●	●		●	●
E9	●	●	●	●		●	●
F1220	●	●	●			●	●
F1222	●	●	●			●	●
GSL12 AP						●	
GSL12 Arc						●	
GSL12 Line						●	
GSL8 AP						●	
GSL8 Arc						●	
GSL8 Line						●	
J-INFRA			●			●	
J-SUB			●			●	
J-SUB AP			●			●	
J12 AP			●			●	
J12 Arc			●			●	
J12 Line			●			●	
J8 AP			●			●	
J8 Arc			●			●	
J8 Line			●			●	
KSL-SUB	●	●				●	
KSL-SUB Fln	●	●				●	
KSL-SUB AP	●	●				●	
KSL12 AP	●	●				●	

Setup	D40	40D	30D	10D	5D	D80	D20
KSL12 Arc	●	●				●	
KSL12 Line	●	●				●	
KSL8 AP	●	●				●	
KSL8 Arc	●	●				●	
KSL8 Line	●	●				●	
Linear	●	●	●	●		●	●
M2			●			●	
M4 active	●	●	●	●		●	●
M4 passive	●	●	●	●		●	●
M6 active	●	●	●	●		●	●
M6 passive	●	●	●	●		●	●
MAX active	●	●	●	●		●	●
MAX passive	●	●	●	●		●	●
MAX2	●	●	●	●		●	●
Q-SUB	●	●	●	●		●	●
Q1	●	●	●	●		●	●
Q1-Line	●	●	●	●		●	●
Q10	●	●	●	●		●	●
Q7	●	●	●	●		●	●
SL-SUB						●	
SL-SUB AP						●	
T-SUB	●	●	●	●	●	●	●
T-SUB AP	●	●	●	●		●	●
T10 Arc	●	●	●	●	●	●	●
T10 Line	●	●	●	●	●	●	●
T10 AP	●	●	●	●		●	●
T10 PS	●	●	●	●	●	●	●
V-SUB	●	●	●			●	●
V-SUB AP	●	●	●			●	●
V10P	●	●	●			●	●
V12 Arc	●	●	●			●	●
V12 Line	●	●	●			●	●
V12 AP	●	●	●			●	●
V7P	●	●	●			●	●
V8 Arc	●	●	●			●	●
V8 Line	●	●	●			●	●
V8 AP	●	●	●			●	●
XSL12 AP	●	●	●			●	
XSL12 Arc	●	●	●			●	
XSL12 Line	●	●	●			●	
XSL8 AP	●	●	●			●	
XSL8 Arc	●	●	●			●	

Setup	D40	40D	30D	10D	5D	D80	D20
XSL8 Line	●	●	●			●	
XSL-SUB	●	●	●			●	
XSL-SUB Fln	●	●	●			●	
XSL-SUB AP	●	●	●			●	
Y-SUB	●	●	●	●		●	●
Y-SUB AP	●	●	●	●		●	●
Y10P	●	●	●	●		●	●
Y12 Arc	●	●	●	●		●	●
Y12 Line	●	●	●	●		●	●
Y12 AP	●	●	●	●		●	●
Y7P	●	●	●	●		●	●
Y8 Arc	●	●	●	●		●	●
Y8 Line	●	●	●	●		●	●
Y8 AP	●	●	●	●		●	●