d&b D90/D40/40D Firmware V1.08.05, 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.

Please note that the amplifier Ethernet ports 1 and 2 are not switched but laid out for redundant connections. Ethernet port 2 cannot be used for firmware updates.

Changes of V1.08.05 against previous V1.02.07

- First firmware release including D90.

Bug fixes:

- Several fixes of mains supply monitoring.

Notes:

- EcoMode disabled for mains voltages below 95 V/185 V.

10/2024

Changes of V1.02.07 against previous V1.02.05

Bug fixes:

- Issue with XSL12 AP speaker setup fixed.
- Issue with sporadic invalid DSP data fixed.

09/2023

Changes of V1.02.05 against previous V1.02.03

Bug fixes:

- Issue with sporadic popping noise when switching to Standby fixed.

11/2022

Changes of V1.02.03 against previous V1.00.04

- Energy saving modes enabled.
- XSL-SUB setups added.
- Error log now accessible via display.
- SNMP support of basic monitoring functions.
- Games (D40 only: D-Pong, dbInvaders, dbSaySo)

Bug fixes:

- Issue with popping noise when switching XSL8 to CUT mode fixed.
- Issue with unexpected behavior of frequency generator fixed.

08/2022

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Changes of V1.00.04 against previous V1.00.03

Bug fixes:

- DS data function completed.
- Issue with display of static IP fixed.
- Several fixes of GUI.

Notes:

- When updating amplifiers with V1.00.03 make sure Power is on. When in Stand-by the restart of the amplifier may get interrupted.
- Ethernet port 2 is not functional yet as it is reserved for future network redundancy.

11/2021

Changes of V1.00.03 against previous V0.94.02

- System check and Load Monitoring added.

   Note:

   Ethernet port 2 is not functional yet as it is reserved for future network redundancy.

Bug fixes:

- Override function corrected.
- Minor fixes of GUI.

Known issues:

- DS data functions not complete.
- Static IP not shown without link up.
- No games.

09/2021

V0.94.02

First pre-release of 40D firmware. Features are largely identical to the current 10D/30D Firmware V2.24.02.

Known issues:

- System check and Load Monitoring not yet available.
- Ethernet port 2 not supported (although LEDs will indicate a connection).
- Override only functional with input A3.

06/2021

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Setup	D90	D80	D40	D20	40D	30D	10D	5D
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	●	●	●	●	●	●	●	

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Setup	D90	D80	D40	D20	40D	30D	10D	5D
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	●	●	●		●			

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Setup	D90	D80	D40	D20	40D	30D	10D	5D
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	●	●	●		●	●		

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Setup	D90	D80	D40	D20	40D	30D	10D	5D
XSL8 Arc	●	●	●		●	●		
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	●	●	●	●	●	●	●	

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