



# Release Notes for DB25-D firmware B49E.D\*.EOPSAB.017 (A)

\*) '64', '6T' or 'BB' depending on the production batch

February 10<sup>h</sup> 2025

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## 1 Firmware Release Notes for Radioddity DB25-D

The following tables list the details that had been changed with new versions of the firmware. In general, previous updates are included in the latest one.

**Attention:** *Never update your radio unless it is really required or with other words **'Don't fix it, if it isn't broken'**! This cannot be stressed often enough. Only take those firmware as found on our support pages. Before performing an update, double check that the firmware on our support page has not been withdrawn. All Firmware updates for the Radioddity DB25-D, DB40-D and GD-88 do come with 'Release Notes'.*

**Please carefully read the 'Release Notes'**

### 1.1 DB25-D firmware as of February 10<sup>th</sup> 2025

Revision	Changes	released
909E.D*.EARSAB.018 2025-01-21 16:13  *) '64', '66', '6T' or 'BB' depending on the production batch and model	<ul style="list-style-type: none"> <li>Added support for new CPS parameter 'analog MIC gain'</li> <li>Number of Ham contacts expanded to 500,000</li> <li>New parameter 'DMR Mode ' within ChannelEdit/VFO with possible values of 'simplex' and 'Double Slot'</li> </ul> <p>At least DRS CPS_V3.3 CPS [9.2.40] is required to edit the codeplug</p>	2025-02-10

### 1.2 DB25-D firmware as of June 20<sup>th</sup> 2024

Revision	Changes	released
909E.D6*.EARSAB.018 MAY 9 2024 11:00:01  *) '64', '66', '6T' or 'BB' depending on the production batch and model	<ul style="list-style-type: none"> <li>Fixed 'white screen' issue caused on some radios when updating with the firmware as of July 6<sup>th</sup> 2023</li> <li>Decreased the number of predefined QuickMsgs to 16</li> <li>Added additional encryption options, including AES256**</li> <li>At least DRS CPS_V3.3 CPS 9.2.28 is required to edit the codeplug</li> </ul>	2024-06-20

**\*\*\*) Using encryption is not allowed In Amateur radio networks.**

### 1.3 DB25-D firmware as of July 6<sup>th</sup> 2023

Revision	Changes	released
909E.D*.EARSAB.018 Jul 6 2023 14:52:32  *) '64', '66', or '6T' depending on the production batch and model	<ul style="list-style-type: none"> <li>• DMR ID data now properly displayed</li> <li>• TalkerAlias-data now displayed correctly</li> <li>• TX of Analog DTMF now fully supported</li> <li>• Radio menu may be operated even during an active QSO</li> <li>• Improved reaction timing when changing the volume</li> <li>• DMR-audio level aligned to analog-audio level</li> <li>• Lowest audio volume level decreased</li> <li>• If no RX-Group is assigned to a channel ('RX group' set to 'OFF'), traffic for the talkgroup assigned to the channel will now still be received</li> <li>• 'RXGroupList' menu within 'Device Info' now displayed correctly</li> <li>• No powercycle required after writing the codeplug to the radio in order to make the GPS menu available again</li> <li>• Values within 'Channel Edit' are now displayed correctly</li> <li>• Option naming within Talker Alias RX Setting streamlined</li> </ul>	2023-07-06


### 1.4 DB25-D firmware as of November 23<sup>rd</sup> 2022

Revision	Changes	released
909E.D4.EARSAB.018	<ul style="list-style-type: none"> <li>• DMR ID data now properly displayed (no more display of wrong DMR database data)</li> <li>• Assignment of 1450 Hz Pilot tone now fixed (also requires at least CPS 3.3 DMR CPS_DRS [9.2.16])</li> <li>• minor fixes within the Talker Alias display</li> <li>• 'Dual Watch' added as option to be assigned for a programmable function key. This results to the very same functionality as the switch for Single or Dual VFO display mode found within the radio menu at 'Local Set → DisplayMode → S/D mode'</li> <li>• support for programming cable based on FTDI-chip</li> </ul>	2022-11-23

### 1.5 DB25-D firmware as of October 25<sup>th</sup> 2022

Revision	Changes	released
909E.D4.EARSAB.017	<ul style="list-style-type: none"> <li>• Talker Alias (TA) now supported.</li> <li>• Besides 1750 Hz, the radio now also supports pilot tones / burst tones of 700 Hz, 1000 Hz, 1400 Hz, 1450 Hz and 2100 Hz (requires newest CPS release for support of those)</li> <li>• 'TimeOfCall' label now displayed in English instead of Chinese</li> <li>• After changing a contact of call type 'Private Call' to 'Group Call', it is now possible again to change it back to 'Private Call'</li> <li>• 'If a menu had been selected and a call comes in, the menu remains selected and navigation within the menu is still possible</li> </ul>	2022-10-25

### 1.6 DB25-D firmware as of December 11<sup>th</sup> 2021

Revision	Changes	released
909E.D4.EARSAB.014	<ul style="list-style-type: none"> <li>• Additional icon  whenever promiscuous mode is active</li> <li>• Memory assignment for channels and zones now handled dynamically</li> <li>• APRS now also transmits whenever under simulation.</li> <li>• Added a volume control method: <ul style="list-style-type: none"> <li>➤ Do not push down the knob, turn the knob to change the channel</li> <li>➤ Push down the knob, turn the knob to change the volume</li> </ul> </li> </ul>	2021-12-11

### 1.7 DB25-D firmware as of September 2<sup>nd</sup> 2021

Revision	Changes	released
909E.D4.EARSAB.008	<ul style="list-style-type: none"> <li>• Improved single VFO display (full screen now utilized)</li> <li>• Factory reset reverts to the factory settings saved from the CPS</li> <li>• Record number / max record number no longer displayed during transfers</li> </ul>	2021-09-02

### 1.8 Initial DB25-D firmware as of May 12<sup>th</sup> 2021

Revision	Changes	released
909E.D4.EARSAB.007	<ul style="list-style-type: none"> <li>• This has been the initial release</li> </ul>	2021-05-12

## 2 What to do if the update failed

In case the update failed due to a bad programming cable or a power loss during update, don't worry, but just power cycle the radio and restart the update process.

We would like to thank all Radioddity D-88 customers for their constructive feedback.

If you do find any bug in the radio's firmware, our CPS, this documentation or if you are missing a feature, you would have expected, write an email to [support@radioddity.com](mailto:support@radioddity.com). In general, the software- and firmware-updates for your Radioddity GD-88 are free of charge. Using a CPS or a firmware not originating from Radioddity may void your warranty. Applying our firmware to other radios looking similar to the Radioddity GD-88 may result in bricking such radios.



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