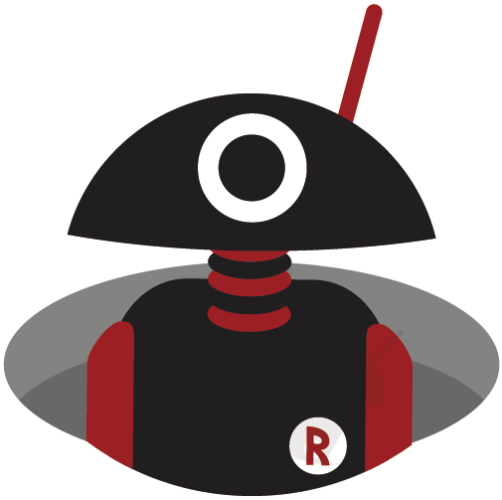


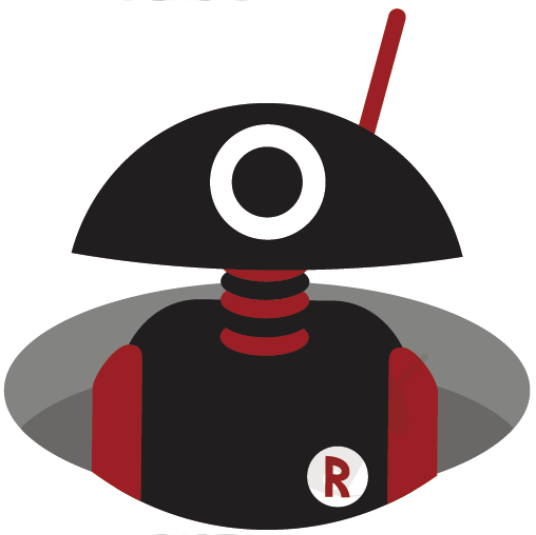
Release Notes for DB25-D firmware 909E.D6*.EARSAB.018

*) '4' , '6' or 'T' depending on the production batch

July 6th, 2023

We would like to thank all Radioddity DB25-D 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. In general, the software- and firmware-updates for your Radioddity DB25-D are free of charge. Using a CPS or a firmware not originating from Radioddity may void your warranty.



FIND TUTORIALS, SUPPORT AND MORE AT:

https://www.radioddity.com/

https://www.facebook.com/radioddity

https://www.youtube.com/c/Radioddityradio

Release notes

The following table lists the details that had been changed with new versions of the firmware.

> ***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 Before performing an update, double check that the firmware on our support page has not been withdrawn. Our firmware is intended for our radios only.*

Firmware Release notes for DB25-D

revision	Changes	released
909E.D*.EARSAB.018 Jul 6 2023 14:52:32 *) '4' , '6' or 'T' depending on the production batch	• DMR ID data now properly displayed • TalkerAlias-data now displayed correctly • TX of Analog DTMF now fully supported • Radio menu may be operated even during an active QSO • Improved reaction timing when changing the volume • DMR-audio level aligned to analog-audio level • Lowest audio volume level decreased • 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 • 'RXGroupList' menu within 'Device Info' now displayed correctly • No powercycle required after writing the codeplug to the radio in order to make the GPS menu available again • Values within 'Channel Edit' are now displayed correctly • Option naming within Talker Alias RX Setting streamlined	2023-07-06

revision	Changes	released
909E.D4.EARSAB.018	• ~~DMR ID data now properly displayed (no more display of wrong DMR database data~~) • Assignment of 1450 Hz Pilot tone now fixed (also requires at least CPS 3.3 DMR CPS_DRS [9.2.16]) • minor fixes within the Talker Alias display • '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' • support for programming cable based on FTDI-chip	2022-11-23
909E.D4.EARSAB.017	• Talker Alias (TA) now supported. • 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) • 'TimeOfCall' label now displayed in English instead of Chinese • After changing a contact of call type 'Private Call' to 'Group Call', it is now possible again to change it back to 'Private Call • 'If a menu had been selected and a call comes in, the menu remains selected and navigation within the menu is still possible	2022-10-25
909E.D4.EARSAB.014	• Additional icon whenever promiscuous mode is active • Memory assignment for channels and zones now handled dynamically • APRS now also transmits whenever under simulation. • Added a volume control method: ➢ Do not push down the knob, turn the knob to change the channel ➢ Push down the knob, turn the knob to change the volume	2021-12-11

revision	Changes	released
909E.D4.EARSAB.008	• Improved single VFO display (full screen now utilized) • Factory reset reverts to the factory settings saved from the CPS • Record number / max record number no longer displayed during transfers	2021-09-02
909E.D4.EARSAB.007	This has been the initial release	2021-05-12

Notes: *Details on how to update the firmware of your* Radioddity *DB25-D are found in our extended manual.*

Details you should know

Version 2.2 of our extended manual for the Radioddity DB25-D and Radioddity GD-88 will be published soon. However, we have included the documentation of topics relevant for this release within this Release Notes as well.

DTMF for analog

In analog mode the radio now allows to transmit so called DTMF-codes. Valid DTMF-codes are 0...9,*,# and A...D. Those DTMF-codes are generated by transmitting two different audio frequencies at the very same time Those audio frequencies are defined by the column and the row of the DTMF code to be transmitted.

frequency	1209 Hz	1336 Hz	1477 Hz	941 Hz
697 Hz	1	2	3	A
770 Hz	4	5	6	B
852 Hz	7	8	9	C
941 Hz	*	0	#	D

As two audio tones are transmitted at the very same time this technique is called **D**ual**T**one**M**ulti**F**requency (abbreviated as DTMF) encoding.

In order to activate DTMF encoding, long press '1' on the numerical keypad. From now on all keys of the the numerical keypad, and the four programmable keys P4...P7 will trigger the generation of their corresponding DTMF codes. Active DTMF-mode is indicated by the DTMF-icon in the upper right area of the VFO that´s been selected for PTT. To deactivate DTMF encoding, long press '1' on the numerical keypad or wait for about 5 seconds until the icon is no longer visible.

The assignment of the keys is as follows:

DTMF-code	DB25-D key
0...9	0...9
*	*
#	#
A	P4
B	P5
C	P6
D	P7

Notes: *Whenever DTMF-mode is active on a* Radioddity DB25-D, *the programmable keys P4...P7 are not available.*