



Radioddity

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Release Notes for GD-88 firmware

B49E.D6*.EOPSAB.017 (A)

B49C.D6*.EHRNAB.010 (B)

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

February 6^h 2024

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1 Firmware Release Notes for Radioddity GD-88

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 Before performing an update, double check that the firmware on our support page has not been withdrawn.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 GD-88 firmware as of February 10th 2025

Revision	Changes	released
B49E.D6*.EOPSAB.021 2025-01-19 15:40:18 (A)	<ul style="list-style-type: none"> Added support for new CPS parameter 'analog MIC gain' Number of Ham contacts expanded to 500,000 	2025-02-10
B49C.D6*.EHRNAB.012 2025-01-17 17:13:13 (B)	<ul style="list-style-type: none"> New parameter 'DMR Mode ' within ChannelEdit/VFO with possible values of 'simplex' and 'Double Slot' <p>At least DRS CPS_V3.3 CPS [9.2.40] is required to edit the codeplug</p>	

1.2 GD-88 firmware as of June 20th 2024

Revision	Changes	released
B49E.D6*.EOPSAB.018 2024-06-07 11.51.27 (A)	<ul style="list-style-type: none"> Decreased the number of predefined QuickMsgs to 16 Added additional encryption options, including AES256* 	2024-06-20
B49C.D6*.EHRNAB.010 2024-01-15 17.03.01 (B)	<p>At least DRS CPS_V3.3 CPS [9.2.28] is required to edit the codeplug</p>	

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

1.3 GD-88 firmware as of May 23rd 2024

Revision	Changes	released
B49E.D6*.EOPSAB.017 2024-05-10 09.28.23 (A)	<ul style="list-style-type: none"> • Lowest audio volume on analog FM RX significantly decreased • active ROAMing no longer freezes the radio • If no RX-Group is assigned to a channel, only traffic for the assigned TalkGroup will now still be heard • Promiscuous-Icon again displayed on active promiscuous-mode • No time lag when scan-mode is active • It is now possible to set a channel for 'RX Only=ON' 	2024-05-23
B49C.D6*.EHRNAB.010 2024-01-15 17.03.01 (B)	<ul style="list-style-type: none"> • For Simplex DMR operation using DualChannelDirectMode, DCDM may now be selected on the radio as well as within the CPS (CPS: TX TS and RX TS set to 'ON') • Improved timing for volume control and radio menu • Values within 'Channel Edit' are now displayed correctly • DMR reporting channel now also available within Channel Edit menu • Setting of 'RX Only' now also available within Channel Edit menu • Option naming within Talker Alias RX Setting streamlined 	

1.4 GD-88 firmware as of March 30th 2023

Revision	Changes	released
<p>B49E.D6*.EOPSAB.013 2023-03-27 14.46.07 (A)</p> <p>B49C.D6*.EHRNAB.008 2023-03-22 10.18.56 (B)</p> <p>*) '6' or 'T' depending on the production batch</p> <p>In case you get a white screen after updating your GD-88 with this firmware, please:</p> <ol style="list-style-type: none"> 1. turn off the radio 2. press the green button and keep it depressed 3. turn on the radio and wait about 2 seconds for the startup logo to be displayed <p>If this fails, just repeat the 3 steps. This is a one-time procedure. As soon as the startup logo is displayed as expected, you are done and it will not be required when again turning on the radio.</p> <p>Do not downgrade radios to a firmware prior to the one as of March 30th, 2023 as that might brick your radio.</p>	<ul style="list-style-type: none"> • 'VFO-B Unprogrammed'-bug fixed • TX of Analog DTMF now fully supported • TalkerAlias-data now displayed correctly • Radio menu may be operated even during an active QSO • Improved reaction timing when changing the volume • Single VFO-mode is now possible and utilizes the complete screen (to turn it on/off: MENU → Local Set → DisplayMode → Single Mode). Active Single Mode will disable switching between VFO-A and VFO-B. • DMR-audio level aligned to analog-audio level • If no RX-Group is assigned to a channel, traffic for the assigned talkgroup will now still be received • 'RXGroupList' menu within 'Device Info' now displayed correctly • No power cycle required after writing the codeplug to the radio in order to make the GPS menu available again • Current entry of menu or submenu and the total number of entries are displayed in the upper right corner above each other • Icons updated • Current RX group and Zone displayed during RX as long as DMR ID database has not been uploaded to the radio or active station is not listed within the uploaded DMR ID database 	2023-03-30

1.5 GD-88 firmware as of October 28th 2022

Revision	Changes	released
<p>B49E.D64.EHRSAB.007 2022-10-27 (A)</p> <p>B49C.D64.EHRNAB.005 2022-10-28 (B)</p>	<ul style="list-style-type: none"> • 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) • Improved behavior of 'Zone Switch' P-key 	2022-10-28

1.6 GD-88 initial firmware as of June 6th 2022

Revision	Changes	released
B49E.D64.EHRSAB.005.	This has been the initial release	2022-06-30

2 What to do if the update failed

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

2.1 Black, white or scrambled screen after firmware update of GD-88

It might happen, that your radio - after applying the firmware update - does show a black, white or even scrambled screen when turned on instead of the normal startup logo. Don't worry, this is due to the fact that we do have slightly different hardware revisions out in the field that are covered by the very same firmware. In order to get rid of the black, white or scrambled screen after updating, please proceed as follows:

1. turn off the radio
2. press the green button and keep it depressed
3. turn on the radio and wait about 2 seconds for the startup logo to be displayed
4. If the startup logo is not displayed properly on the complete screen, please start over again. Depending on the production batch, you may need to go through steps 2...4 up to 5 times.

This is a one-time procedure. As soon as the startup logo is displayed as expected, you are done and it will not be required when again turning on the radio.

Notes: *This procedure is only required for Radioddity GD-88 showing a white, black or scrambled screen after the firmware update.*

Do not try out the procedure if your radio is not affected.

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. 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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