Release Notes for
GD-88 firmware
B49E.D6*.EOPSAB.018 (A)
B49C.D6*.EHRNAB.010 (B)

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

June 20th, 2024

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

**Please read these complete release notes
before starting to update your Radioddity GD-88.**

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 Before performing an update, double check that the firmware on our support page has not been withdrawn.

GD-88 firmware as of June 20th, 2024

revision	Changes	released
B49E.D6x.EOPSAB.018 2024-06-07 11.51.27 (A) B49C.D6x.EHRNAB.010 2024-01-15 17.03.01 (B)	• Decreased the number of predefined QuickMsgs to 16 • Added additional encryption options, including AES256* • *At least DRS CPS_V3.3 CPS 9.2.28 is required to edit the codeplug*	2024-06-20

GD-88 firmware as of May 23rd, 2024

revision	Changes	released
B49E.D6x.EOPSAB.017 2024-05-10 09.28.23 (A) B49C.D6x.EHRNAB.010 2024-01-15 17.03.01 (B)	• 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' • 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	2024-05-23

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

In case you get a blank screen after updating your Radioddity GD-88 with this firmware, please:
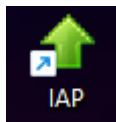
1. turn off the radio
2. press the green button and keep it depressed
3. turn on the radio and wait about 2 seconds for the startup logo to be displayed

If this fails, just repeat those 3 steps about 4 to 5 times. This is a one-time procedure after applying an update to those radios of type D6T. As soon as the startup logo is displayed as expected, you are done and it will not be required next time you turn on the radio.
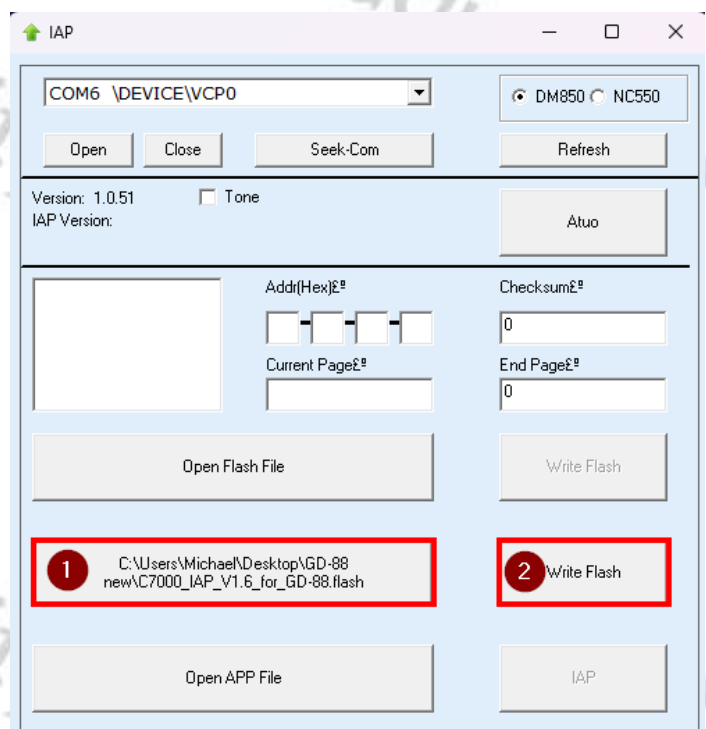
> ***Note***: *To enter IAP-mode you may need to repeat that procedure again until it is possible for you to get the signon-screen displayed just in a small part of the screen.*

GD-88 firmware as of September 12th, 2023 (withdrawn)

revision	Changes	released
B49E.D6*.EOPSAB.017 2023-06-27 11.41.51 (A) B49C.D6*.EHRNAB.010 2023-6-27 11.47.32 (B) *) '6' or 'T' depending on the production batch	**Remark**: The FLASH-file is written to the radio using IAP <u>with the radio in normal operation-mode</u>. • 'RX Only' now working as expected • Improved Roaming functionality • Option naming within Talker Alias RX Setting streamlined • Fix the bug of no receiving group • Active promiscuous mode again indicated by the icon ⚠ • No freeze or stuck in scanning mode • Fix the issue that the volume was too low or too high	2023-09-12

Before updating IAP_A and IAP_B, please write the included FLASH-file to the radio using the IAP-application but <u>with the radio in normal operation-mode</u> (NOT IAP-Mode!).

GD-88 firmware as of March 30th, 2023

revision	Changes	released
B49E.D6*.EOPSAB.013 2023-03-27 14.46.07 (A) B49C.D6*.EHRNAB.008 2023-03-22 10.18.56 (B) *) '6' or 'T' depending on the production batch In case you get a white screen after updating your GD-88 with this firmware, please: 4. turn off the radio 5. press the green button and keep it depressed 6. turn on the radio and wait about 2 seconds for the startup logo to be displayed 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. **Do not downgrade radios to a firmware prior to the one as of March 30th, 2023 as that might brick your radio.**	• '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

GD-88 firmware as of November 21st, 2022

revision	Changes	released
B49E.D66.EHPSAB.010 2022-11-19 (A) B49C.D66.EHRNAB.005 2022-11-11 (B) ***This firmware has been withdrawn due to incompatibility with newer production batches***	• DMR ID data now properly displayed (no more display of wrong DMR database data) • Assignment of 1450 Hz Pilot tone fixed (does require at least CPS 3.3 DMR CPS_DRS [9.2.16]) • minor fixes within the Talker Alias display • support for programming cable based on FTDI-chip	2022-11-21

GD-88 firmware as of October 28th, 2022

revision	Changes	released
B49E.D64.EHRSAB.007 2022-10-27 (A) B49C.D64.EHRNAB.005 2022-10-28 (B)	• 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

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

Notes: *Details on how to update the firmware of your* Radioddity *GD-88 are found in our extended manual.*

We would like to thank all Radioddity GD-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 DB25-D, DB40-D and 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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Release notes