



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

May 23rd, 2024 M1

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 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.



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.

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 Before performing an update, double check that the firmware on our support page has not been withdrawn.

Firmware Release notes for GD-88

Our last firmware-update is already quite a while ago. Fixing the initial analog volume issue turned out to be far more complicated than expected. But now we are confident that it's finally fixed according to your expectations. Besides that we fixed quite a few more things as listed in the below release notes.

revision	Changes	released
B49E.D6x.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.D6x.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 	

*) '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.

revision	Changes	released
<p>B49E.D66.EOPSAB.013 2023-03-27 14.46.07 (A)</p> <p>B49C.D66.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"> 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 <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>	<ul style="list-style-type: none"> • 'VFO-B Unprogrammed'-bug fixed • TX of Analog DTMF now fully supported • Talker Alias 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 	<p>2023-03-30</p>

revision	Changes	released
B49E.D66.EHPSAB.010 (A) 2022-11-19	<ul style="list-style-type: none"> DMR ID data now properly displayed (no more display of wrong DMR database data) 	
B49C.D66.EHRNAB.005 (B) 2022-11-11 <i>withdrawn due to incompatibility with the newest production batches</i>	<ul style="list-style-type: none"> 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
B49E.D64.EHRSAB.007 (A) 2022-10-27 B49C.D64.EHRNAB.005 (B) 2022-10-28	<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
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.

Details you should know

An updated version of our extended manual will be published as soon as the planned firmware update for the DB25-D has also been released. Therefore, we have included certain aspects within this release notes.

White screen after firmware update

It might happen, that your radio - after applying the firmware update - does show a white 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 white 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

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 radios showing a white screen after the firmware update. **Do not try out the procedure if your radio is not affected.***