

Release Notes for Xiegu G7250 firmware V1.0.1 as of 2026-10-31

V1.0.1, November 9th 2026

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About Radioddity

'You, our friend and customer, are our focus.'

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1 Firmware release notes

The following table lists details of changes implemented with new versions of the Xiegu G7250 firmware. Generally previous updates are included in the latest version.

Notes: *Never update your radio if it is not really necessary, or in other words:*

Don't fix it if it's not broken!

This cannot be emphasized often enough. To update the Xiegu G7250, only use the software found on our support pages. Before carrying out an update, make sure that the release package is still available for download on our support page. All software updates for the Xiegu G7250 are supplied by Radioddity come with 'Release Notes'.

Please carefully read the 'Release Notes' and all documents contained in the firmware archive before applying the change!

Never install any firmware not originating from Radioddity or Xiegu. Always check the availability of the update archive on the Radioddity support page for the Xiegu G7250 before performing an update that may have been revoked in the meantime.

1.1 APP V1.01 & MCU V1.01

Version	Changes	Released
APP V1.0.1 Oct 31 2026 10:35:53 MCU V1.0.1 OCT 31 2026 17:04:43	**Control-Unit Changes:** • Optimized the touchscreen driver • Added the optfilter CI-V command • Added network remote control related content • Fixed the issue where the waterfall plot colors changed when adjusting FFT REF LEVEL • Adjusted the status logic after ATU completion to ensure that the ATU status is ON after ATU completion • Hide the 'LANGUAGE' option under the System menu • Upgraded the controller version to V1.0.1 **Main-Unit Changes:** • Added the network control protocol module • Added the compile switch for the TCI module; it is currently disabled • Optimized the ATU algorithm and added a dedicated fast SWR channel for the antenna tuner to the ADC • Upgraded the baseband version to V1.0.1	2026/10/31

1.2 APP V1.00 & MCU V1.00

Version	Changes	Released
APP V1.0.0 Oct 9 2026 10:37:10 MCU V1.0.0 OCT 9 2026 10:47:12	• This is the initial version	2026/10/09

Notes:

Only update the firmware of the Xiegu G7250 if it is really necessary.

2 Updating the Xiegu G7250 firmware

Never update your Xiegu G7250 if it is not really necessary, or in other words:

Don't fix it if it's not broken!

This cannot be emphasized often enough. To update the Xiegu G7250, only use the software found on our support pages. Before carrying out an update, make sure that the release package is still available for download on our support page. All software updates for the Xiegu G7250 supplied by Radioddity come with 'Release Notes'.

Please carefully read the 'Release Notes' and all documents contained in the firmware archive before applying the change!

Before starting to update the firmware, be sure to read this entire document in full.

Stick to the words throughout the complete update process. You may brick your radio if you do not exactly follow the words of this documentation.

1. Download the update archive from the Radioddity support area of the Xiegu G7250.
2. Unpack the update archive

   The G7250 has two firmware files: the controller firmware and the main unit firmware, looking similar to:

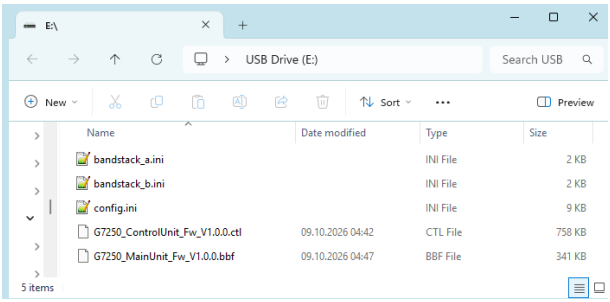
   - Controller firmware: G7250_ControlUnit_Fw_V1.0.1.ctl
   - Main unit firmware: G7250_MainUnit_Fw_V1.0.1.bbf

   According to the needs of each update (it may be necessary to upgrade both at the same time, or only one part separately), upgrade the controller and then the main unit respectively. The Control-Unit firmware and the Main-Unit firmware must not be confused, otherwise the Xiegu G7250 will not work.
3. Use the supplied USB-A to USB-B cable connected between the rear USB1 port on the rear of the Xiegu G7250 Control-Unit and the PC. You may need an additional so called “USB-A to USBC OTG-cable” (or adapter) if your PC only has USB-C ports.
4. Power on the Xiegu G7250
5. Click "This PC / My Computer" to enter the File Explorer page. You will see a USB drive with a capacity of about 15.8 MB. This drive is the virtual USB drive created by the controller, as shown in the above screenshot. The assigned drive-letter may differ.



6. Double-click to navigate to the USB drive, and copy the Control-Unit and Main-Unit firmware into it. Note: Do not touch other files in this USB drive. During file copying, the user interface of the PC may freeze. This is normal and will return to normal after the file copy is complete.

   After copying is complete, it will look similar to the following screenshot.

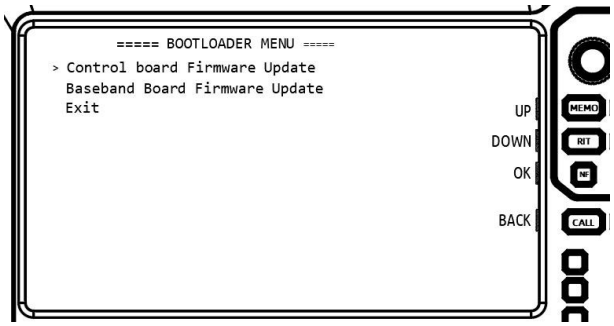


7. Power off the Xiegu G7250.

8. Wait half a minute

9. Press and hold the [BL] button (do not release).

10. Additionally press the [POWER] button (do not release), until the screen displays something, then release both buttons. The displayed interface is as follows.



    When flashing, use the four buttons on the Xiegu G7250 Control-Unit [MEMO], [RIT], [NF] and [CALL], which respectively serve as Up, Down, OK and Exit.

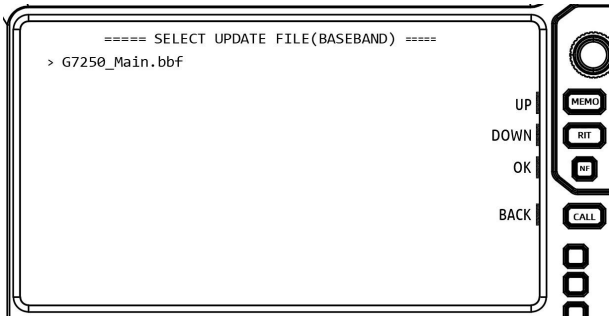
11. The three options displayed on the Control-Unit´s screen are defined as follows:

    '**Control board Firmware Update**' to update the Control-Unit firmware

    '**Baseband Board Firmware Update**' to update the Main-Unit firmware

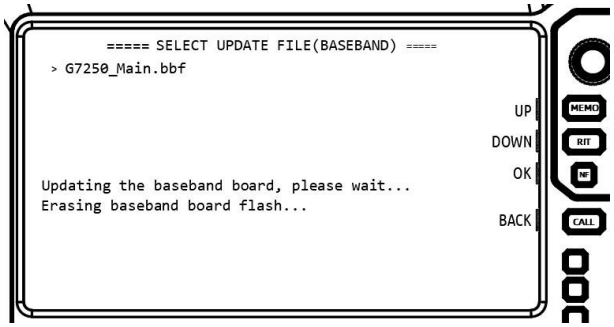
    '**Exit**' to exit the update

12. Press the [MEMO] or [RIT] button corresponding to 'UP' or 'DOWN' to move the cursor to the unit you need to update, then press the [NF] button corresponding to 'OK' to enter the firmware update page, as shown in the following figure.

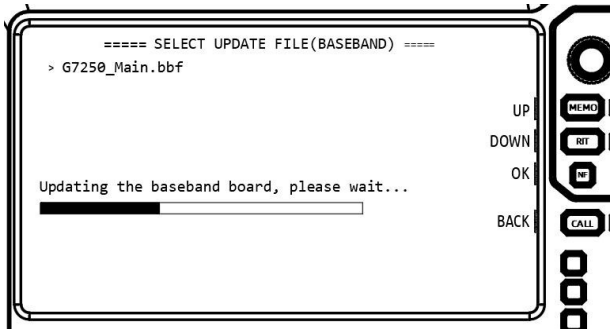


    This documentation uses updating the Main-Unit firmware as an example. The update method for the Control-Unit is almost the same (except for the missing automatic shutdown)

13. Press the [NF] button corresponding to 'OK' to start the firmware update. The interface will then display as follows.



Erasing old firmware



Writing the firmware

14. After about 30 seconds, the firmware writing is complete.
15. If the Control-Unit has been updated you will return to the main menu. If the Main-Unit has been updated, the Xiegu G7250 will automatically shut down and restart. If you updated the Control-Unit and need to update the Mein-Unit as well, repeat from step 11.
16. After updating both the Control-Unit and the Main-Unit firmware, turn on the Xiegu G7250 and enter the system settings menu.
17. Be sure to perform a '**Factory Reset**' as described in section 11.19.7 'FACTORY RESET (Factory default reset)' once. Otherwise, abnormal device operation may occur.

Notes: *If the new firmware release explicitly requires both the main unit and the controller to be updated, be sure to update both. Old and new firmware must not be mixed.*

After updating the firmware, if the Xiegu G7250 automatically restarts and there is no sound or some abnormal operation, please restart the device again.

During the firmware update process, if it gets stuck or takes too long, please directly unplug the power and re-execute the update steps.

This completes the update process.

For older firmware versions of the Xiegu G7250, please visit our support area at https://radioddity.com/pages/xiegu-download.

3 Where to find further information?

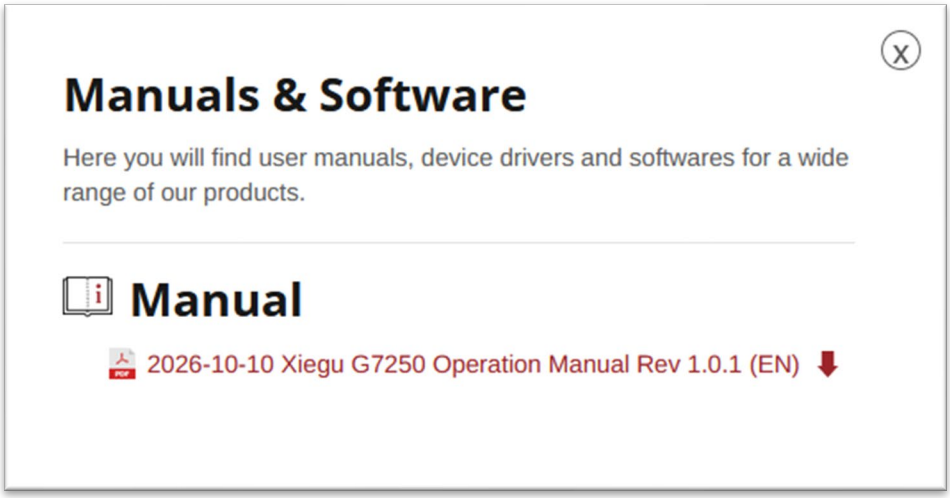
On the Internet you will find a variety of sources with information about the Xiegu G7250. When watching videos make sure that the Xiegu G7250 in the video is at the same hardware and firmware level as yours (features can change and bugs may be fixed between firmware revisions).

3.1 Radioddity support area

Please note that you can find all firmware, software and Xiegu user manuals in the support section of our official Radioddity website by following these steps:

https://www.radioddity.com/ → Support → Xiegu → G7250

For the Xiegu G7250, the resulting support page looks something like this:



As soon as a new file is available (e.g., firmware updates, updated Xiegu manuals or other items), these files will be published in our support area.

Notes:	*The section 'Manuals' can be found below the 'Software' section on the website. Use the scroll bar to navigate.* *This eBook you are reading is not available in our support area but only in our shop. Updates of this eBook are not free of charge.*

3.2 Xiegu-G7250 group on groups.io

All users of the Xiegu G7250 also find valuable help via the Xiegu G7250 group within groups.io. Visit https://groups.io/g/xiegu-G7250 to join the Xiegu-G7250 group with its increasing number of members. **Make sure your 'Display name' states either your first + last name or your first name + callsign.**

We would like to thank all Radioddity customers for their constructive feedback. If you find an error in the firmware of the Xiegu G7250 or in this documentation, or if you miss a function that you would have expected, or even if a detail has not been described to the needed extent, please feel free to write a message to support@radioddity.com. In general, firmware updates for your Xiegu G7250 are free of charge. The use of non-Xiegu firmware for this radio is strongly discouraged and may invalidate your warranty.



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