XPA125B HF+6m Linear Amplifier

-- 12.0V 3A 28C --
ON OFF
RX ATU
0.0 AUTO 160m 0

PA

BAND

ATU
TUNE

Release Notes for Xiegu X125B firmware V2.0.1 as of 2025-01-14

January 20th 2025

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About Radioddity

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

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support@radioddity.com

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1   Firmware release notes

The following tables list the details that have been changed with new versions of the Xiegu XPA125B firmware. Generally previous updates are included in the latest version.

Note:	*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 XPA125B, only use the firmware that you can find 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 firmware updates for the Xiegu XPA125B are supplied with 'Release Notes'.* **Please carefully read the 'Release Notes' and all documents contained in the firmware archives!**

1.1   Firmware V2.0.1 as of January 14th, 2025

Revision	Changes	Released
V2.0.1 Jan 14 2025	• Fixed the issue of low-pass filter group jumping when transmitting in some bands.	2025-01-20
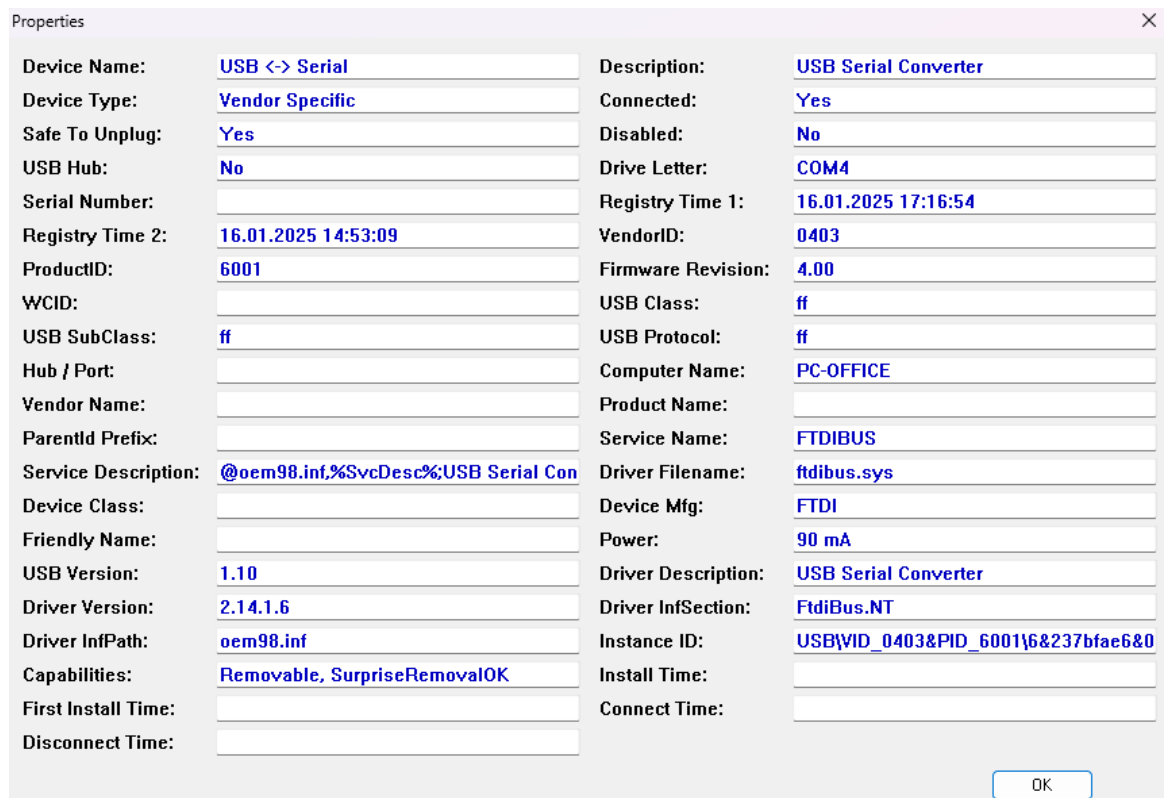
1.2   Firmware V2.0.0 build 013 as of September 20th, 2022

Revision	Changes	Released
V2.0.0 Build 013 Sep 20 2022	• No release details provided by Xiegu	2022-09-20

2   Updating the Xiegu XPA125B firmware

After downloading and unzipping the package, the Xiegu XPA125B firmware can be updated as follows:

1.   The XPA125B needs to be powered by an external power supply at 13.8V.

2.   Power off the XPA125B.

3.   Connect the USB-cable that came with your XPA125B to the PC.

4.   Check that the required driver has been installed. Using the tool USBDeview (you may download it from https://www.nirsoft.net/) the device properties should look similar to the following screenshot:



5.   Start TeraTerm or some other terminal program that is capable of doing terminal emulation and X-MODEM-transfer using 1k block size. For your convenience we have added the current version 5.3. of TeraTerm to the XPA125B update-archive.
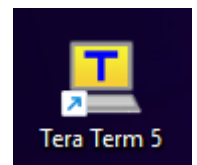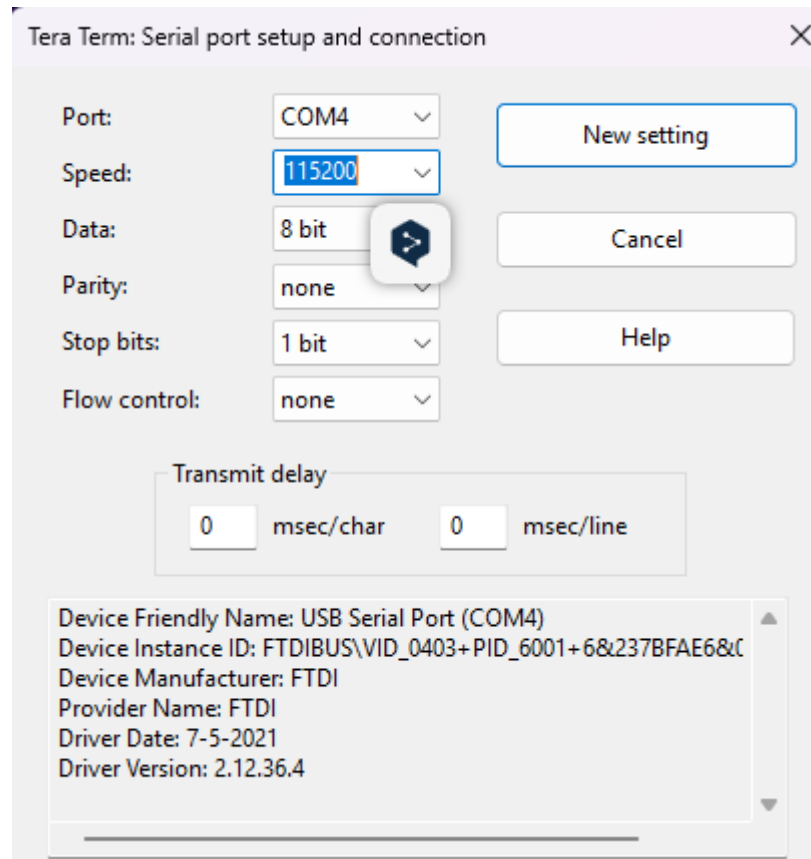
6. Set up TeraTerm for establishing a serial connection and select the virtual COM-port that got assigned to your XPA12B programming cable.
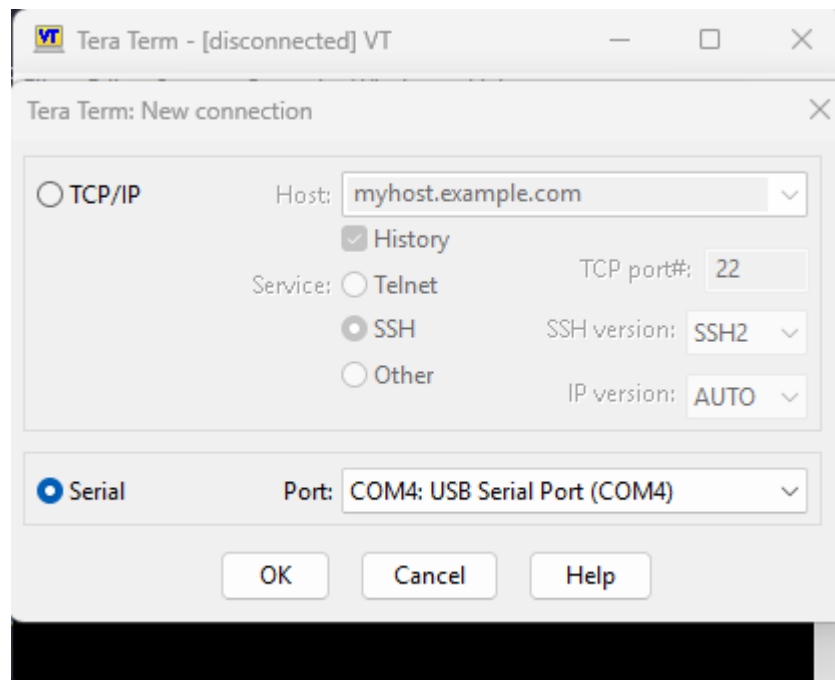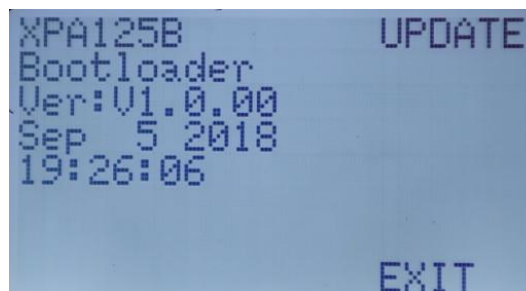

7. Now select **Setup → Serial port …**
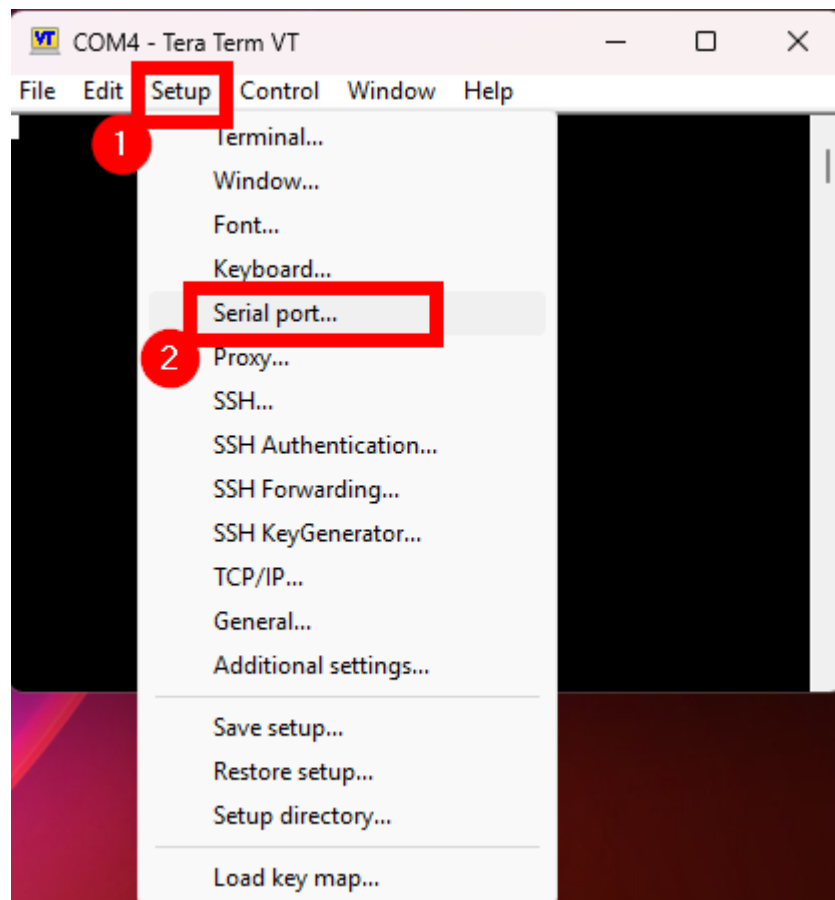
8. Setup the serial ports properties as follows:


9. Press and hold the [PA] and [BAND] buttons of XPA125B.

10. Now additional press the [POWER] button power on the device.

11. The display will show a screen similar to the following picture.


12. Now release all keys

13. Press the [PA] button (that corresponds to the UPDATE function in order to start the update process.

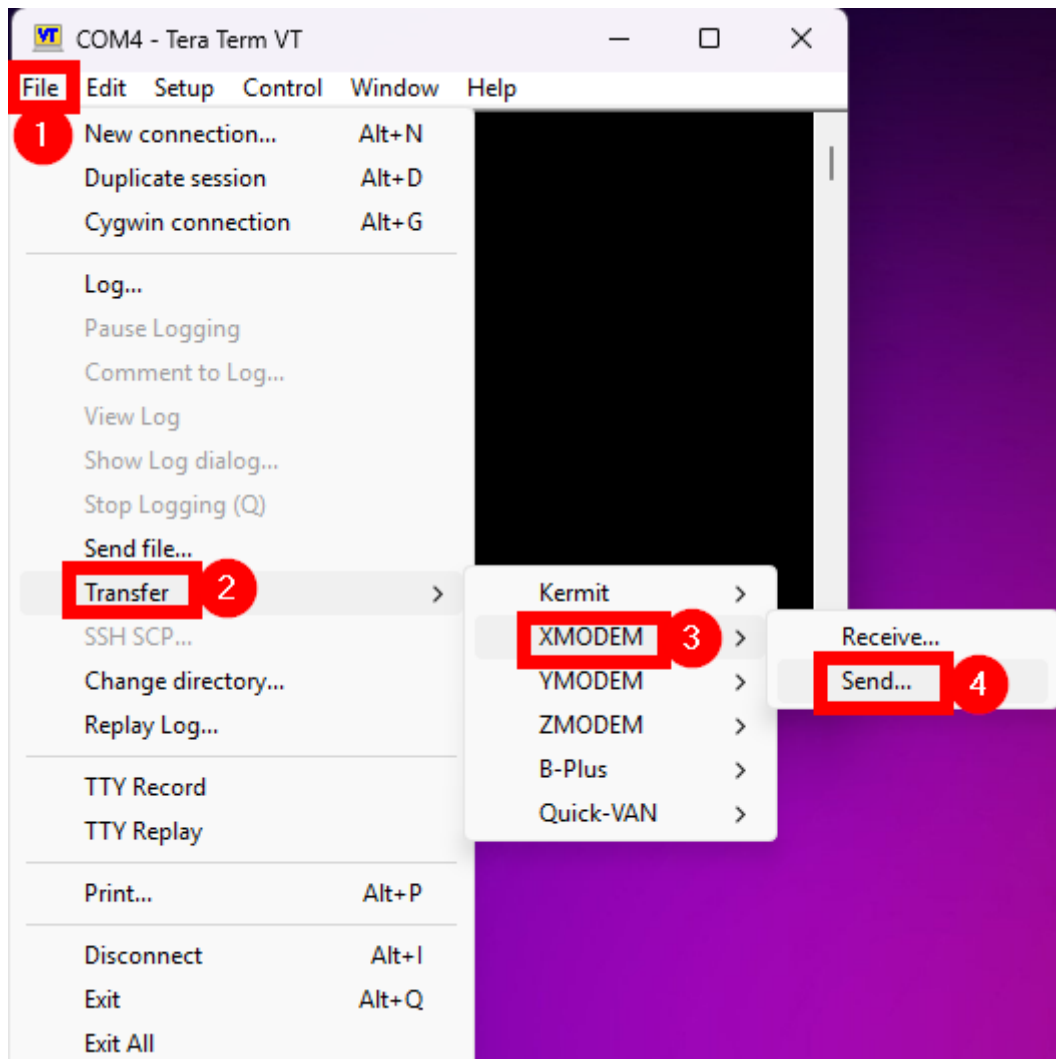14. Immediately thereafter the existing firmware will be erased.
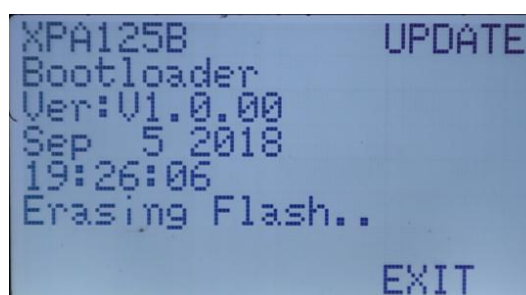
15. After the firmware is erased (that´s after about 3 seconds) the TeraTerm window on the computer will display the following information:
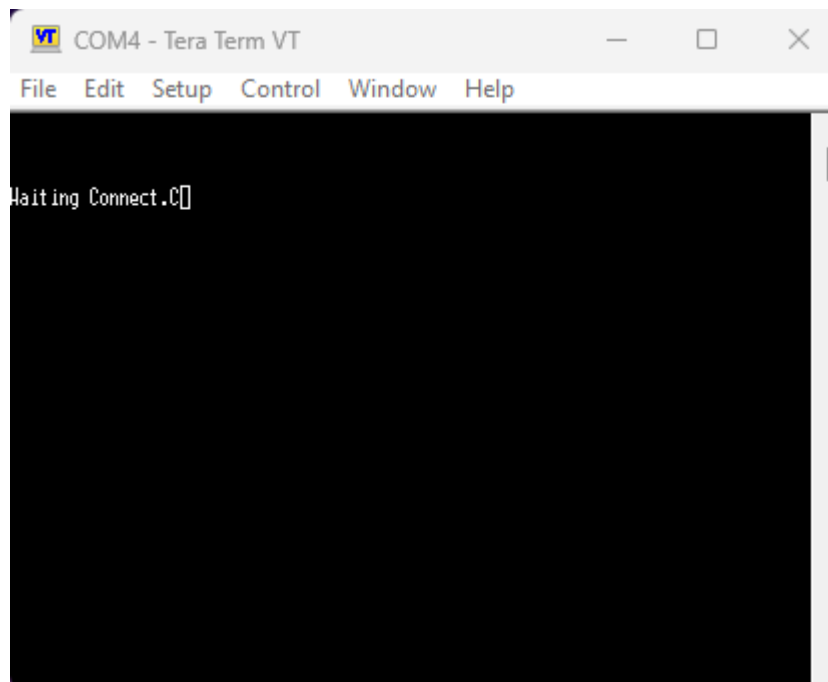
16. Now the Xiegu XPA125B is awaiting the new firmware.
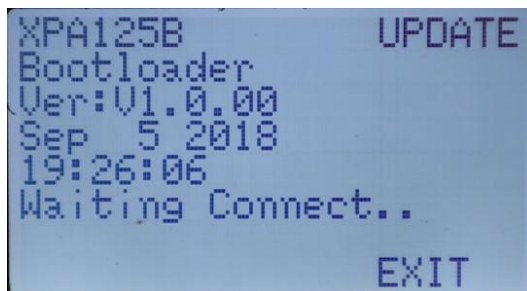
17. To initiate the transfer of the new firmware, select: **File → Transfer → XMODEM → Send…**

18. Navigate to the directory containing the new firmware file and select the file ending with '.xgf'. Do not forget to checkmark the 1k option box. This is very important. If you forget it, you will have to start the complete update procedure from the beginning.
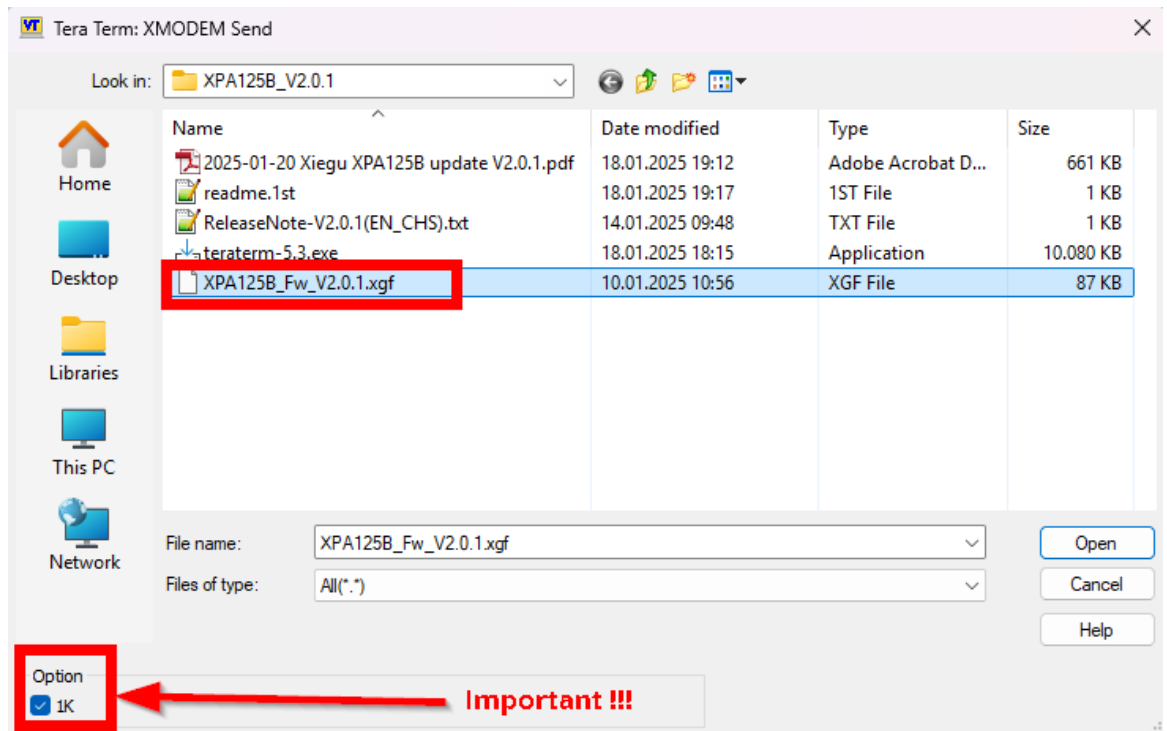
19. The TeraTerm progress bar will show the current status of the transfer
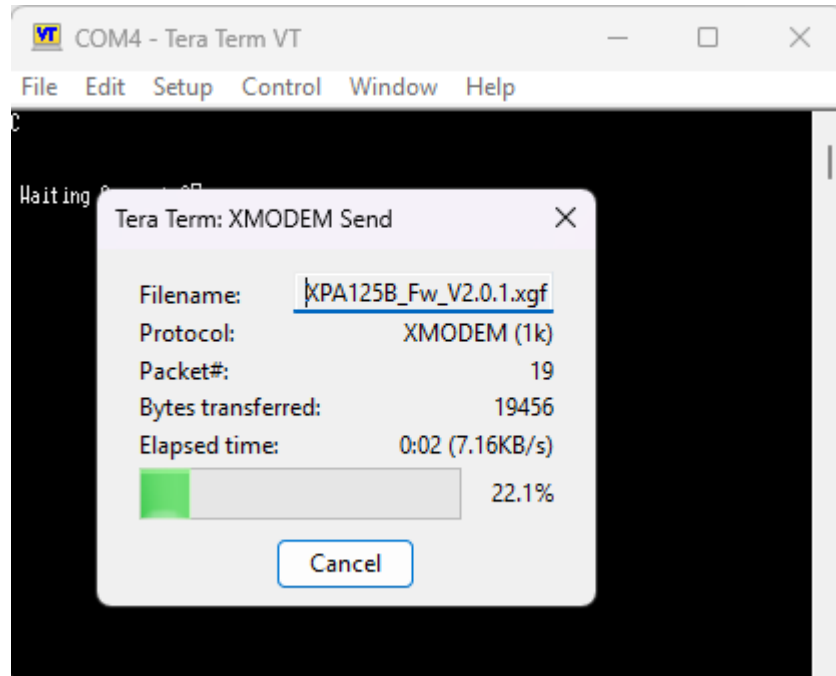
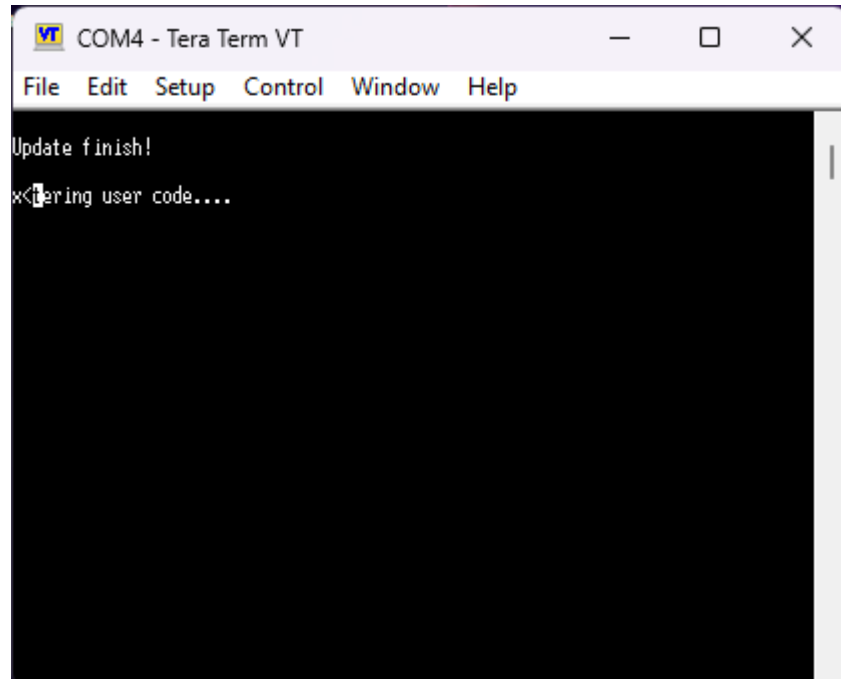20.   As soon as the update has completed, the XPA125B will automatically power cycle.

21.   Unplug the data-cable

22.   Power cycle the Xiegu XPA125B

23.   For about a second the XPA125B will show its Version details

This completes the update process.

> **Notes**: *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 XPA125B before performing an update that may have been revoked in the meantime.*

3 Where to find further information?

On the Internet you will find a variety of sources with information about the Xiegu XPA125B. When watching videos make sure that the Xiegu XPA125B in the video is at the same firmware level as yours (features can change and bugs may be fixed between firmware versions).

3.1 Radioddity support area

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

https://www.radioddity.com/ → Support → Xiegu → XPA125B

For the Xiegu XPA125B, the resulting support page looks something like this:
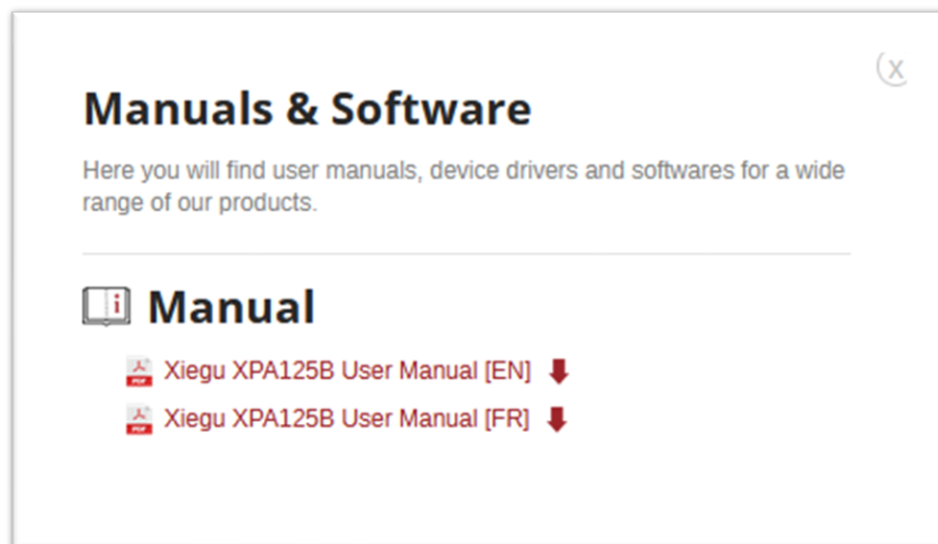
As soon as a new file is available (e.g., firmware updates, updated manuals or others), these files will be published in our support area.

If you do find any bug in the radio's firmware, our manual or if you are missing a feature, you would have expected, write an email to support@radioddity.com. In general, the firmware-updates for your Xiegu XPA125B are free of charge. Using a firmware not originating from Xiegu may void your warranty.

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https://www.radioddity.com/

https://www.facebook.com/radioddity

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

We would like to thank all Radioddity customers for their constructive feedback.

If you find an error in the firmware of the Xiegu X6200 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 expected extent, please feel free to write a message to support@radioddity.com. In general, firmware updates for your Xiegu X6200 are free of charge. The use of non-Xiegu firmware for this radio may invalidate the warranty.