

Software update instruction for X-527

Requirements:

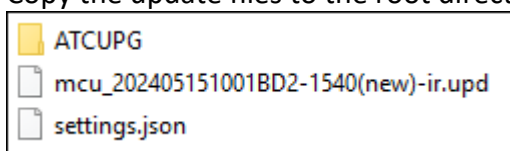
Please note: The update consists of a complete Main System software update, which need to be run from a USB data carrier. To run this update, you need:

- A USB memory device (e.g. USB stick) with at least 2 GB storage capacity.
- A PC or notebook.

Please note: Before you start, the USB stick needs to be formatted as FAT 32 partition. (Right-click on USB memory device in the Windows Explorer. Select "Format" --> FAT 32 --> Start.

Step 1, Download and update USB stick preparation:

- Download the software update from <https://xzent.com/support/software/>. Unzip the update file.
- Copy the update files to the root directory of the formatted USB drive.

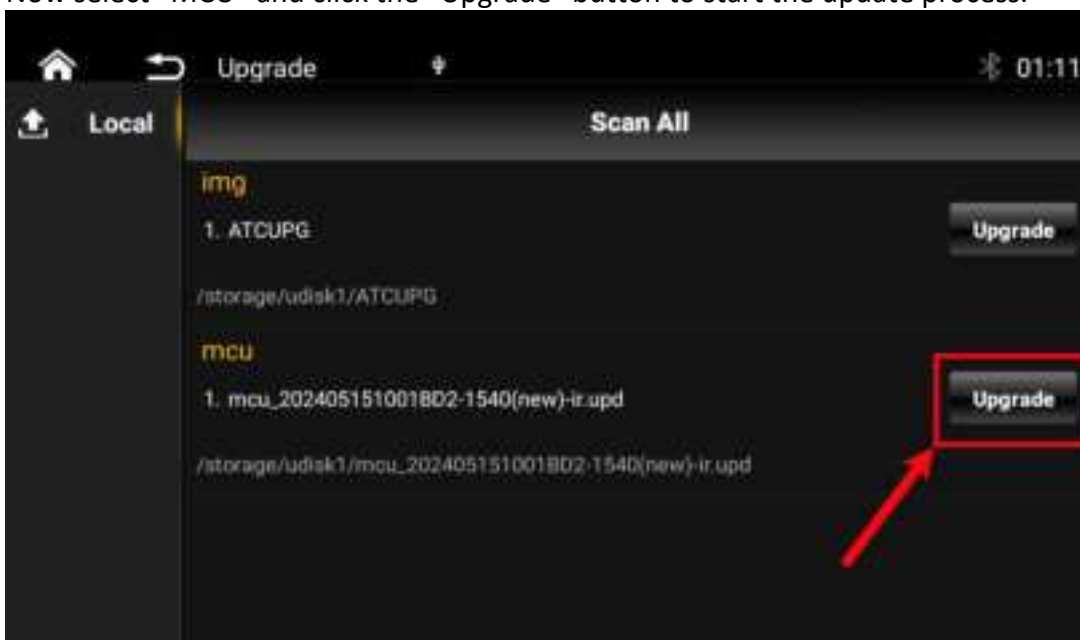


(picture 1)

Step 2, MCU:

The MCU update takes approximately 30 seconds (excluding preparation time).

- Connect the USB drive from step 1 to the USB cable. The device will first open the Wi-Fi settings window. Ignore the Wi-Fi settings window (picture 4) and go to Settings > Upgrade & Reset > Update.
- Now select "MCU" and click the "Upgrade" button to start the update process.



(picture 2)

- Once 100% is reached – the device restarts automatically.

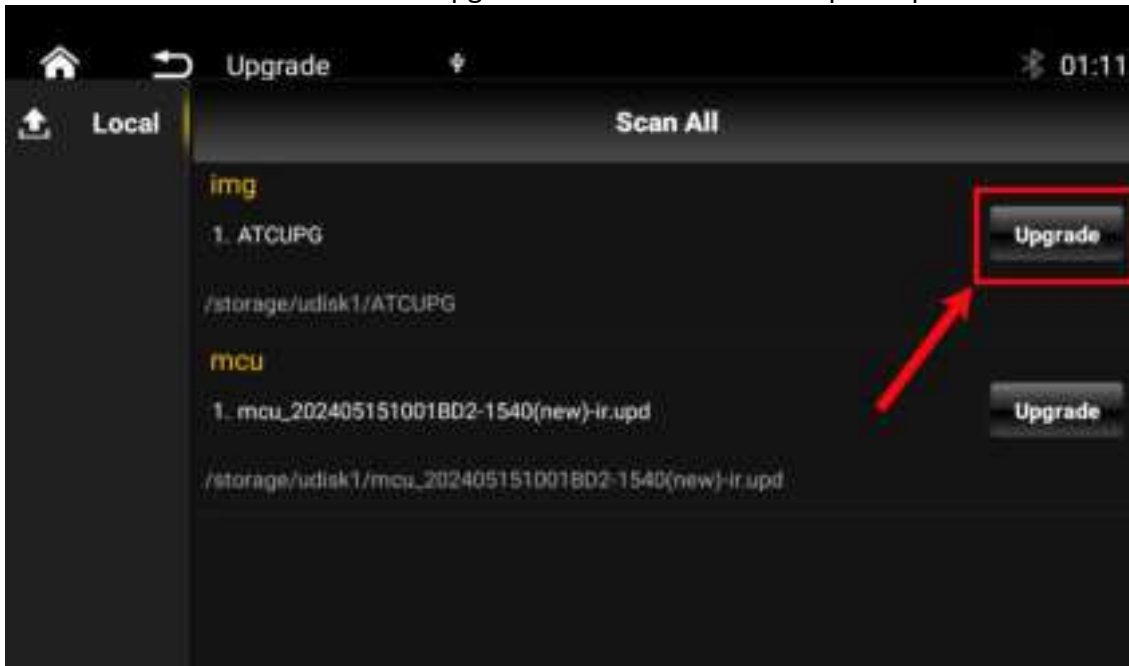
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Step 3, IMG (ATCUPG):

The IMG update takes approximately 10 minutes (excluding preparation time).

Note: Since the update takes quite a long time, please ensure that the device is constantly supplied with power and that the ignition does not go into energy saving mode.

- If the USB drive from step 1 was disconnected, connect it to the USB cable. The device will first open the Wi-Fi settings window. Ignore the Wi-Fi settings window (picture 4) and go to Settings > Upgrade & Reset > Update.
- Now select "IMG" and click the "Upgrade" button to start the update process.



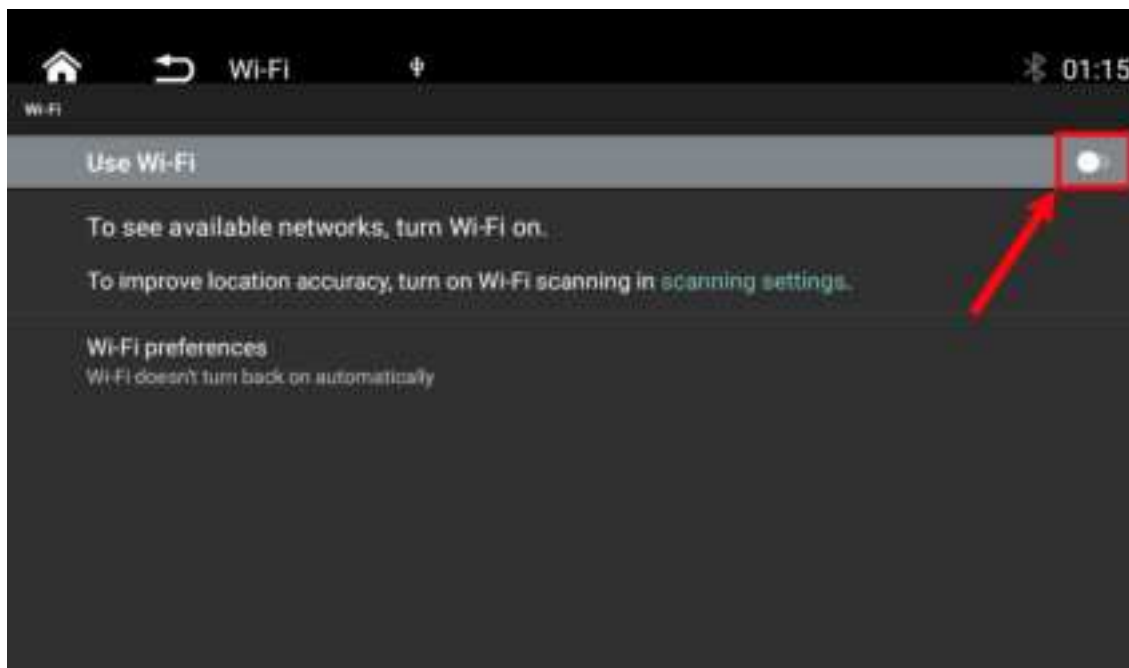
(picture 3)

- The device will restart automatically and the software installation will begin.
- After installing the update, the device will automatically reboot.

Step 4, BT activation:

- After restarting your device, the Wi-Fi settings window will appear.
- Enable Wi-Fi and connect to a Wi-Fi/hotspot.

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(picture 4)

- c) Now go to the main menu and select BT Phone. Please wait approximately 30 seconds for automatic activation.
- d) Now remove the USB update stick.

Step 4, Version Check:

- a) After the software update, a version check must be performed. If the version information differs, the entire update must be reinstalled.
- b) To check the software version, go to Settings > System Info.

Kernel	4.9.117+#1 Wed Jun 18 17:35:16 CST 2025
OS	FYUG0101-PJ5 – 2.1.6.1.2 – 20250618171407 – R02 –...
MCU	STM32 – 20240515-11-BD2-32-32
DAB	S2_9_12

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Improvements and Bug Fixes:

MAIN SYSTEM

- Improved system stability and performance
- Added Wireless CP/GAA
- Improved time synchronization via RDS
- Improved display brightness in day/night mode
- Added button illumination in Settings – General

USER INTERFACE

- Graphical adjustments to icons/symbols

BLUETOOTH

- Added Favorites
- Fixed names in the list

DAB

- Added DAB channel label

CAM

- Fixed the "Back" button