

## Software update instruction for X-427 v2.5 incl. DAB firmware

### Change notes for SW v2.5 and DAB firmware version (V10-000A0A-01-0121-011B):

#### **Note:**

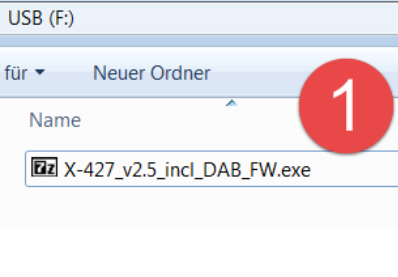
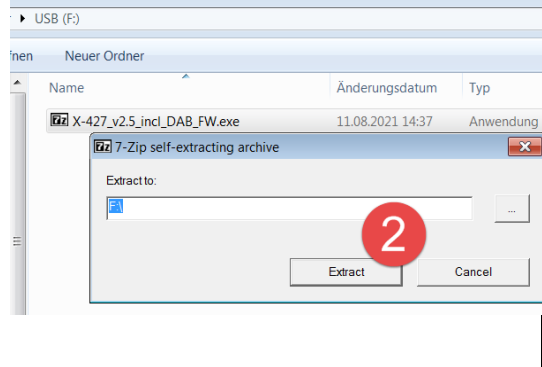
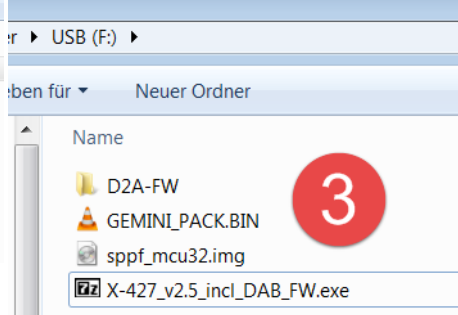
The version information can be found under SETTINGS > Others.

The DAB firmware version can be found in the DAB source > Settings.

The DAB FW V10 has been issued already with v2.4. Updating from v2.4 to v2.5 doesn't require to re-update DAB FW V10 again.

- Navigation:
  - If the navigation source is in foreground, the device returns to this source automatically in case of an interruption by a Traffic Announcement (TA).
  - Navigation voice volume cannot be reduced below volume Level 10. However, it is still possible to MUTE or switch off navigation voice.
- General:
  - Text correction for Czech and Polish languages.
  - Additional DAB UI modification for TPEG Integration (preparation for next update)
  - Adaption to meet new Fiat Series 8 vehicle SWCs. At the SWC assignment page the SWC can be changed now from <Mode 1> to <Mode 2>
  - Technical adaptation to support different HDMI and MCU chipsets (production related)

### Step: 1 Download of SW and preparation of a USB flash drive for the update process:

<p><b>1.1</b> Download the self-extracting archive update file (exe file) from the XZENT website. Copy the self-extracting file to a USB flash drive (≤ 8 GB, FAT32 format). See picture 1.</p> 	<p><b>1.2</b> Double click the EXE file and extract directly to root directory of the USB flash drive. See picture 2.</p> 	<p><b>1.3</b> After the extraction is completed you receive 2 files, GIMINI_PACK.BIN, sppf_mcu32.img and a folder „D2A-FW“. See picture 3.</p> 
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**Attention:** in some rare cases, the USB-flash-drive may not be detected by the XZENT device. If one step fails, please re-check and re-use a different brand/manufacturer USB flash drive item and/or change the memory size (<1 GB, 2 GB, 4 GB ...).

Do NOT download and execute (extraction) directly to PC.

Do not copy the multiple extracted files to your USB flash drive – copy the single archive file to the USB flash drive and extract it there.

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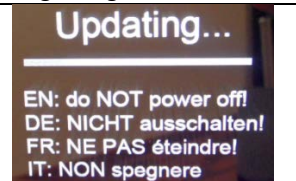
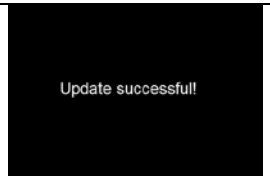

### Step 2: APP and MCU

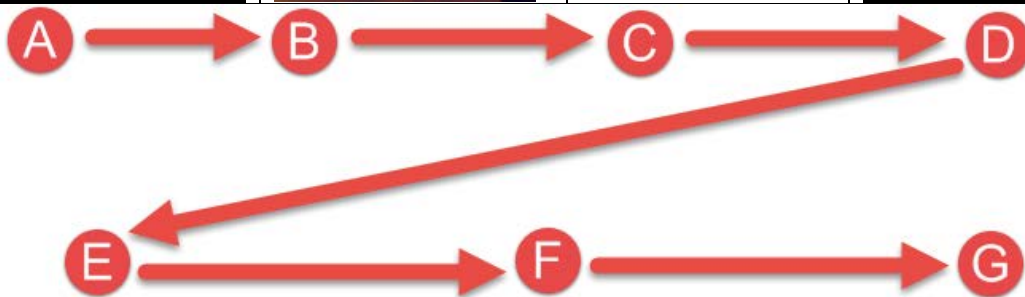
Duration of APP/MCU update is approx. 5 min. (without preparation time).

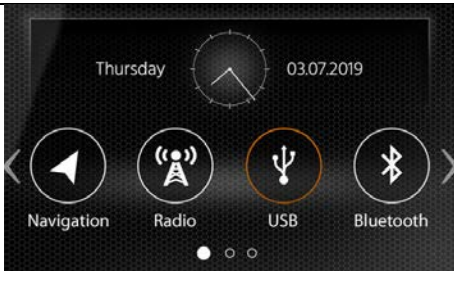
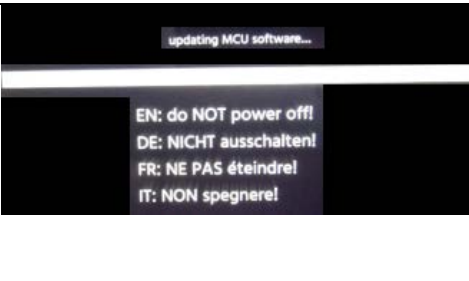
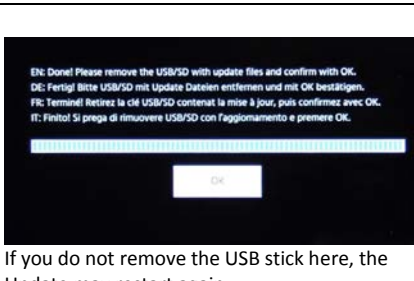
To start the v2.5 update, connect the USB flash drive to USB-1, you need to go to Setup > Others > Install Software

- If you cannot confirm the OK-Button, the USB flash drive is connected to the wrong USB port or the files are not put on root directory as shown in step1. Please check the port and the USB flash drive.

After you confirm to install the SW, the device will auto-restart itself and follow the sequence shown in the arrow diagram below from A to G. Please ensure that the process is correct and that no parts are skipped. If steps are accidentally skipped, this is an indication that the files or the USB flash drive are not working properly. Review and repeat the step 1 but use a different USB flash drive (other brand or size but FAT32 format).

(A) Bootscreen	(B) APP update It may happen that this screen flashes at beginning	(C) Update Successful! This text shows when APP installation has reached 100%	(D) The boot logo is automatically displayed for a short time - the device continues the start-up process.
			



(E) Main Menu will show for 3 to 4 seconds	(F) MCU update will start.	(G) MCU complete When you see the OK-button – please remove the USB flash drive now before pressing OK.
		

If you do not remove the USB stick here, the Update may restart again.

Attention: The systems default language changed to GERMAN since v1.6. To change the language to your desired language, longpress the ALT sensor front button. The system language can be changed in the first line "General".

Compare the APP and MCU version to match with the version as shown below:

## Software update instruction for X-427 v2.5 incl. DAB firmware

Version: X-427 v2.5

APP: 20210803\_1638

OS: 24.0.2.2.2.0.1.0

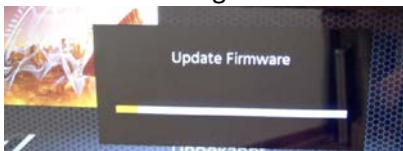
MCU: SP\_s\_083\_20210805\_01 APQ.L

### Step 3: DAB firmware update

If you have finished the APP and MCU update you can remove the GIMINI\_PACK.BIN, sppf\_mcu32.img from the USB flash drive to avoid restart of update process.

Proceed now with the DAB-FW update.

- 3.1 While the device is still powered on, connect the USB flash drive to USB-1.
- 3.2 Select the DAB source to start the DAB FW update. A pop up "Update Firmware" should appear approx. for 3 seconds after entering the source while the USB flash drive with correct files is on USB-1 detected.

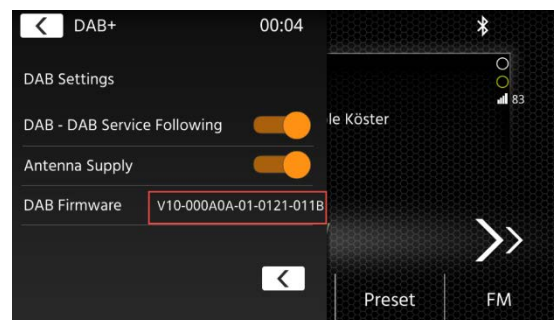


- 3.3 As soon as the progress bar is updating you can safely remove the USB flash drive to avoid re-updating the device by accident on auto restart after the progress bar reaches 100% of DAB FW progress.

After successful DAB firmware installation, verify that DAB FW has been correctly installed. It should show:

< **V10-000A0A-01-0121-011B** > (DAB source > Settings).

If you see "**b V10-000A0A-01-0121-011B**" or an error message during the update process – please repeat the DAB-FW update and/or download, extract again and replace the "D2A-FW" folder for another try. You can delete the APP/MCU files GIMINI\_PACK.BIN and sppf\_mcu32.img in case you only need to do the DAB firmware update again.



### Step 4: Loading Factory Settings

Load factory settings from Setup > Others > Load Factory > OK

Your device is now ready for regular use.