XZENT

Software update instruction for X-427 v4.1 incl. DAB firmware

Change notes for SW v4.1 and DAB firmware version (V15-000A0A-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.

- Navigation:

  Improvement for the TPEG channel search for events and traffic flow data.
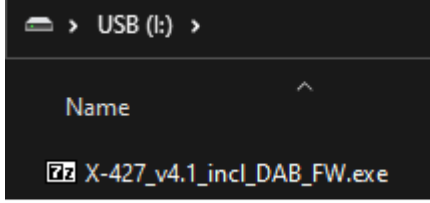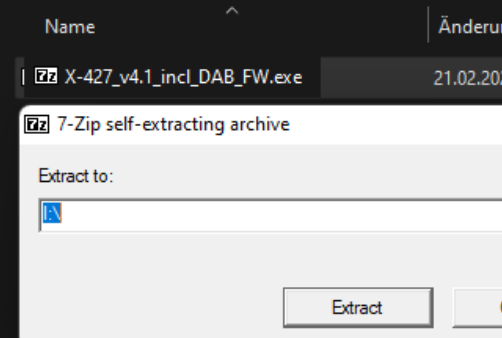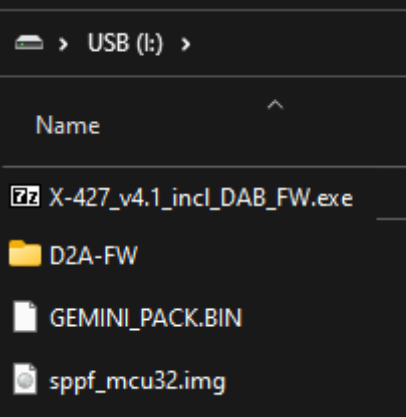 - iGO version 9.35.2.268605, Traffic settings > DAB+TEG must be switched on.
  - GPS reception as well as DAB reception of a FREE-TPEG channel of the matching country according to GPS.
  - During the cyclical TPEG reception, the DAB-DAB following function is restricted for the audio program.
- General:
  - DAB source adjustment, new display for the background tuner, setting for the TPEG reading time.
    It is recommended to leave <<TPEG duration time>> set to <<Low>> when TPEG channel search was successful and messages are displayed. The <<high>> setting should only be used if the DAB coverage is poor or the DAB audio program is not being used (e.g. other audio sources such as FM or USB are being heard). DAB-DAB Following and Station List updates will be executed less often when the device is longer busy with TPEG reading.

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

1.1	1.2	1.3
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.	Double click the EXE file and extract directly to root directory of the USB flash drive. See picture 2.	After the extraction is completed you receive 2 files, (1) GIMINI_PACK.BIN, (2) sppf_mcu32.img and a folder (1) „D2A-FW". See picture 3.

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.

Step 2: APP and MCU

Duration of APP/MCU update is approx. 5 min. (without preparation time).
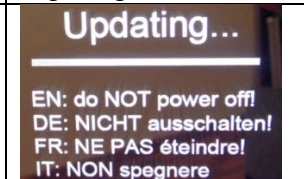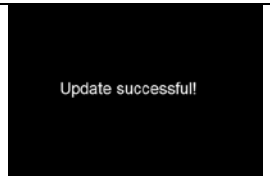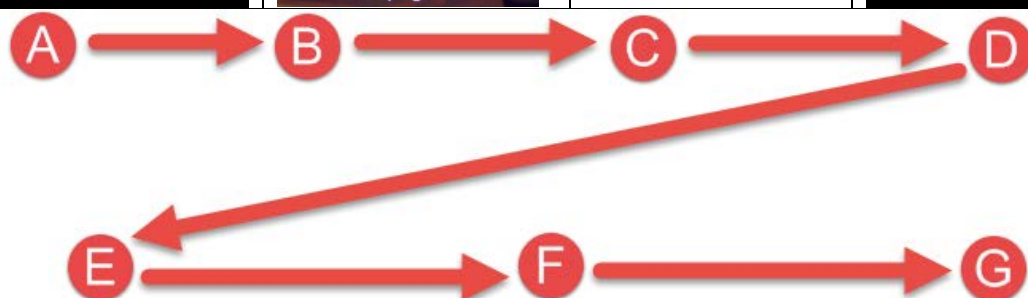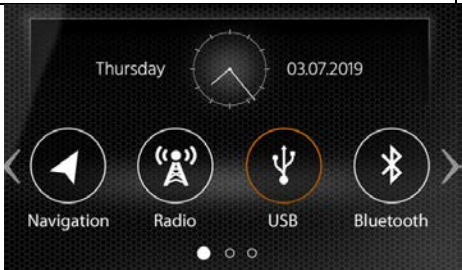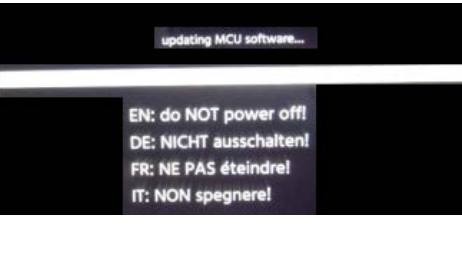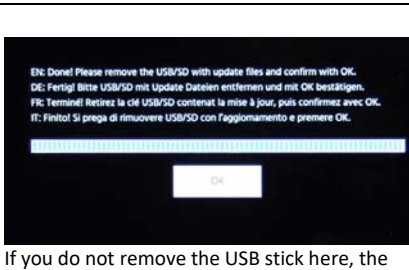To start the update, connect the USB flash drive to USB-1, you need to go to Setup > Others > Install Software

- 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".

Software update instruction for X-427 v4.1 incl. DAB firmware

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

<u>Version: X-427 v4.1</u>

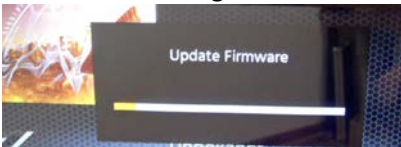APP: 20230112_1508

OS: 24.0.2.2.2.0.1.0

MCU: SP_S_083_20230207_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:

DAB Firmware: V15-000A0A-01-0121-011B

Step 4: Loading Factory Settings

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

Your device is now ready for regular use.