Firmware Update Instructions For AVIC-F500BT

NOTES:

- ✓ **This information is designed to work exclusively with AVIC-F500BT sold in Europe, including Russia, and which are <u>not upgraded with CNSD-150FM</u>**
- ✓ If you have any difficulty carrying out these instructions, please first refer to the Firmware Update FAQ included in this document and/or contact Pioneer Customer Support Center.
- ✓ Improvements from 2.007000:
  - System stability (fixing "file crash" error, rebooting, etc.)
- ✓ Improvements from 2.005000:
  - System stability
  - Rebooting after receiving specific TMC data in Germany (area information is displayed correctly)
  - Polish on-screen keyboard

A. Check the current firmware version of the Navigation Unit:

1. Switch on your Navigation unit by switching on the ignition of your car. If you don't see "Top Menu" displayed on top of the display, press the "MENU" button
2. Select "Settings"
3. Select "System Settings"
4. Select "Service Information"
5. You should see:

   Map version: 01.00xxxx
   Version: 2.00xx00

If the Version displayed is **2.0070000** or higher, then your product is equipped with the latest version and there is no need for any upgrade.

If the displayed Map version is 02.xxxxxx, your product is updated with CNSD-150FM and you can not install this update.

B. Download the firmware ZIP file from Pioneer's website:

Download the firmware ZIP file named "**AVIC_F500BT_APL_2007000_CE_6050.zip**" from the website to a folder on your computer.

C. Create the firmware update SD Card:

Items needed to create the firmware update SD Card:
- ✓ A PC with SD-card reader/writer
- ✓ One formatted blank SD-card with minimum capacity of 512 MB
- ✓ Supported OS: Windows 98, 98SE, Me, 2000, XP, Vista and MacOS

PROCEDURE:
1. Once you downloaded the file "**AVIC_F500BT_APL_2007000_CE_6050.zip**" to your computer, locate the file on your hard disk drive and double click the file to decompress it. (If you do not have a decompression utility installed on your computer, you can easily download one for free.)
2. Put the SD-card in the SD-card reader/writer.
3. Copy the unzipped folder "**LPUE080**" to the empty SD-card.

D. After the copying process is completed, confirm the content on the card:

NOTE:
- ✓ If the correct files are not copied to the SD card, your navigation unit will not recognize it as an update card and you will not be able to carry out the update.

  LPUE080 –folder   262 MB (275.408.543 bytes)

Confirm the folder size. You can check the folder size by selecting the folder, then pressing the right mouse button and choosing "Properties". If the folder name and size do not match the ones listed above, perform steps B and C again.

E. Update the firmware of your navigation unit:

REMARKS:
- ✓ **Do not turn off or disconnect the power, or remove the SD card while the upgrade is in progress, as this will cause the upgrade to stop and might cause additional updates to fail.**
- ✓ to complete the firmware update procedure, you will have to reset your navigation unit; this will clear the settings for the AV Source, like the FM presets, AV1/iPod setting, EQ settings, …
- ✓ If you have any problem during the update process, please refer to the firmware update FAQ included in this document or you can call Pioneer Customer Support Center.

PROCEDURE:

1. Turn the ignition of your car off.
2. Put the SD-card which contains the update files into the unit.
3. Switch on the ignition of your car.
4. The update will start automatically and takes about 9 minutes.
   - ✓ There are several steps in the update process, but please wait until the update is completely finished and the unit restarts automatically.
6. When the upgrade is completely finished the unit will restart automatically.
7. Turn off the ignition from your car / demo board
8. Remove the SD card from the set

If the version has not been upgraded to **2.0070000** then confirm that the files on the SD Card are the correct ones as described in step D and perform the update again in step E.

If the version is **2.0070000** then the firmware update was successful. The device is now ready for use.

Firmware Update FAQ

Q: What if my set does not switch on automatically after updating the software or starts up more than once?
A: Turn off the ignition key and turn on again – the set should start up now.

Q: What if the set displays a red screen during software upgrade?
A: Check the error message;

In case the error message is: "Search Files Error: \Storage Card\LPUE080\APL3*.*"
Although the folder APL3 doesn't contain any files, it should be present on the SD card; probably you used a decompression tool which doesn't unzip empty folders. As a solution you should use another decompression tool or you can create the APL3 folder manually (\LPUE080\APL3)

In all other cases: Turn off the ignition key and turn on again – the set should restart the update. If the unit should show a red screen again, re-download the firmware and try again

Q: What if I cannot upgrade my set / the set does not show the start up screen after more than 1 attempt?
A: Please contact your local Pioneer service organisation for a product check-up.

Contact Information

Pioneer Customer Support Center

http://www.pioneer.eu