

# audison

| prima

AP8.9 bit  
AP5.9 bit  
AP4.9 bit  
FIRMWARE  
UPGRADE

V. 2.2.1.3



ideato,  
progettato,  
ingegnerizzato  
in Italia

# Highlights

## WHO NEEDS TO UPGRADE THE FIRMWARE and WHY?

**WHO:** - Users with AP8.9 bit where Firmware ver. **1.0.X.Y** is installed.  
 - Users with AP8.9 bit, AP5.9 bit or AP4.9 bit where Firmware version lower than v. **2.2.1.3** is installed

**WHY:** With this Firmware update, compatibility with the new features implemented with the PC SW 2.2.0 is provided.

## RELEASE NOTES v.2.2.1.3:

- Fixed sporadic absence of audio playback on optical input that could occur immediately after the product power cycle.
- Improved management of On/Off procedures.
- Improved protections management.

## WHAT ARE THE NEW FW ver. 2.2.X.Y COMPATIBILITIES?

**WARNING:** All FW versions **2.2.X.Y** are exclusively compatible with PC SW versions **2.2.X.Y** and vice versa.

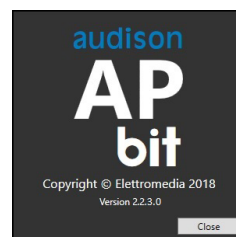


### IMPORTANT REMARKS:

- ▶ It is not possible to use PC SW ver. **1.0.X.Y** connected to AP8.9 bit, AP5.9 bit or AP4.9 bit with FW ver. **2.2.X.Y**.  
 Otherwise, (maybe even serious) malfunctioning may arise, due to PC SW/FW incompatibility, in such a way as to compromise the result or even cause damage to the components of your car audio system.
- ▶ It is always advisable to proceed as follows:

1. Check beforehand if the PC SW version installed in your PC is always the latest release available on the bit Drive Portal [www.audisonbitdrive.eu](http://www.audisonbitdrive.eu). When using that PC SW version, the FW compatibility of the AP bit device connected to the PC will be automatically notified.

Launching the PC SW in **Offline** mode (no device connected), it is possible to check the PC SW version from the menu: **Help -> about**.



2. If you don't know what PC SW version is installed in the PC that you are using, disconnect the SPEAKER OUT connector and any PRE-OUT and/or DSP OUT connectors, if present, from AP8.9 bit, AP5.9 bit or AP4.9 bit to prevent the components in your car audio system from any possible damages
3. Connect the AP bit device to the PC and check if the FW version is compatible with the PC SW version.

A few examples:

- SW ver. **2.2.4.2** + FW ver. **2.2.1.3**      ►►► **OK**
- SW ver. **2.2.3.0** + FW ver. **2.2.1.3**      ►►► **KO**, update SW to ver. 2.2.4.2
- SW ver. **2.2.4.2** + FW ver. **2.2.0.3**      ►►► **KO**, update FW to ver. 2.2.1.3
- SW ver. **1.0.8.31370** + FW ver. **2.2.1.3**      ►►► **KO**, update SW to ver. 2.2.4.2
- SW ver. **1.0.8.31370** + FW ver. **1.0.9.5**      ►►► **KO**, update SW to ver. 2.2.4.2 and FW to ver. 2.2.1.3

## WHAT ARE THE STEPS TO UPGRADE THE FIRMWARE?

### 1. Saving .aps Setup file (optional)

If your product is already installed and set up, remember to save the Setup file (.aps) using a compatible PC SW version.

**WARNING:** More specifically, if you want to update an **AP8.9 bit**, where SW/FW **ver. 1.0.X.Y** has been previously installed and configured, you need to:



- Save the Setup file (.aps) using exclusively the PC SW **ver. 2.2.X.Y**;
- Now you can perform the present PC SW and FW **ver. 2.1.X.Y** update;
- Once the update has been completed, open the PC SW, load the previously saved Setup file (.aps), then save the Setup file again to convert it automatically.

**Remark:** it won't be possible to use that Setup file anymore with PC SW versions **1.0.X.Y**

If your AP bit product is new, got to step 2

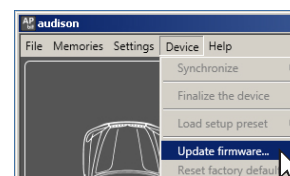
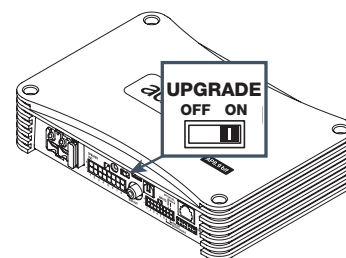
### 2. Disconnect the "SPEAKER OUT" and "SUB OUT" connectors on AP8.9 bit. On AP5.9 bit and AP4.9 bit, if used, disconnect the "DSP OUT" connector.

### 3. Set the product upgrade switch to the "ON" position ;

### 4. Turn on the device (ex. AP8.9 bit). The logo will start flashing.

### 5. Start AP8.9 bit PC Software.

### 6. Select "Update Firmware". The program will ask you to select the file that was just saved from the Download Area or that was previously saved in the PC



**WARNING:** The Firmware update procedure may be tricky. It is of the utmost importance that it is done under the best possible conditions. If the operation is started and prematurely interrupted (e.g.: PC locked up, loss of power, accidental disconnection of the USB cable during update), you might need to contact our Customer Service for further support as the DSP may need to be reprogrammed.

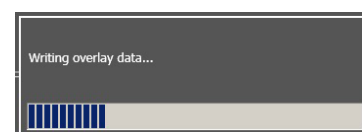


### 7. Before starting the FW update, the program warns you to:

- not disconnect the device (ex. **AP8.9 bit**) from the PC;
- not disconnect the device (ex. **AP8.9 bit**) from power;
- temporarily disable the PC automatic stand-by processes;
- temporarily disable the screen saver on the PC;
- close all running applications;
- temporarily disable the anti-virus and anti-spyware systems.

### 8. Once you have clicked on OK, the Firmware update procedure starts.

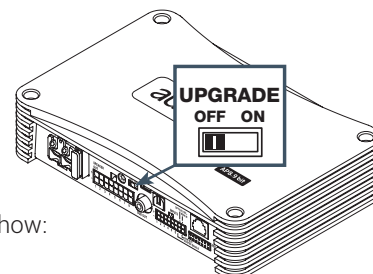
This process will last between 30 seconds and 1 minute; the progress bar and the flashing logo on the device will show the updating process status.



**WARNING:** During the update, the updating process of the progress bar may stop for a few seconds. Do not interrupt the process in any way.



9. When successfully completed, a notification window will appear.  
In order to be able to use the device (ex. AP8.9 bit) again, you must close the program on the PC and turn off AP8.9 bit.
10. Set the "UPGRADE" switch to the **OFF** position.
11. Turn **AP8.9 bit** back on and restart the PC software.  
If **AP8.9 bit** Firmware update completed correctly, the dialogue window will show:
  - new **AP8.9 bit** Firmware version
12. Repeat the product calibration operations ([see sec. 7.2 of AP8.9 bit user manual, rev 2.0 a](#)).





All specifications subject to change without notice

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