

audison

bit Ten D

| bit

FIRMWARE
UPGRADE



ideato,
progettato,
ingegnerizzato
in Italia

In evidenza

WHO NEEDS TO UPGRADE THE FIRMWARE and WHY?

WHO: Users with bit Ten / bit Ten D where Firmware version lower than **1.2.1.0** is installed.

WHY: This Firmware update **v.1.2.2.0** does not provide any new features compared to **v.1.2.1.0**, but it extends the compatibility with the latest bit Ten / bit Ten D hardware version.

WHAT ARE THE NEW FW ver. 2.0.X.Y COMPATIBILITIES?

WARNING: the new FW version **1.2.2.0** is compatible with PC SW version **1.2.1** and with any bit Ten / bit Ten D hardware version.



IMPORTANT REMARKS:

- ▶ It is not possible to use PC SW ver. **1.0** connected to bit Ten / bit Ten D with FW ver. **1.2.2.0**.
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 (SW ver. 1.2.1). Looking the bit Ten's icon in your desktop, it is possible to check the PC SW version.
 2. Connect the device to the PC and check if the FW version is compatible with the PC SW version.

A few examples:

- SW ver. **1.2.1** + FW ver. **1.2.1.0** ➡ **OK**
- SW ver. **1.2.1** + FW ver. **1.2.2.0** ➡ **OK**
- SW ver. **1.2.1** + FW ver. **1.1.1.0** ➡ **KO**, update FW to ver. 1.2.2.0
- SW ver. **1.0.** + FW ver. **1.2.2.0** ➡ **KO**, update SW to ver. 1.2.1

WHAT ARE THE STEPS TO UPGRADE THE FIRMWARE?

1. Save the previous (.dip) setup file (in case you want to open it in OFFLINE mode)
2. Unplug the **bit Ten D** RCA plugs to the amplifiers;
3. Restart the bit **Ten D** PC software and select **TARGET** mode;
4. Select **"Update Firmware"**
5. Select the **"BitTen (1.2.2.0).bin"** file that you just downloaded from the www.audisonbitdrive.eu portal or that you previously saved in your PC.

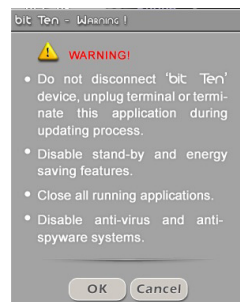


WARNING: To ensure the Firmware is updated correctly, disconnect, if any, the terminals for the hands-free kit in use from the **bit Ten D** PHONE inputs. The **bit Ten D** firmware update procedure requires particular attention. So, it must be performed under the best possible conditions: if the firmware update is launched but prematurely interrupted (for example, because the PC locks up, or a supply voltage drop occurs to the **bit Ten D**, or the USB accidentally disconnects during the update), you may have to reprogram the **bit Ten D** in **Rescue Mode**. In extreme cases, you may have to contact our Customer Service for further support as **bit Ten D** reprogramming may be necessary.



6. Before starting the **bit Ten D** update, the software will present the following warnings:

- do not disconnect the **bit Ten D** from the PC;
- do not disconnect the **bit Ten D** from power supply;
- temporarily disable the PC stand-by and energy saving features;
- temporarily disable the PC screen saver;
- close all running applications;
- temporarily disable anti-virus and anti-spyware systems.



7. Once you have clicked **OK**, the Firmware update starts. The updating process will last from 30 seconds to 1 minute with the green progress bar showing correct advancement.

WARNING: During the updating process the progress bar could stop for few seconds. Do not interrupt the process in any way.



8. Once the update has been successfully completed, the window on the right will appear. To use the **bit Ten D** again, you have to exit the PC software and the **bit Ten D** will turn off.



9. Start the **bit Ten D** again and launch the PC software in **TARGET** mode. If the **bit Ten D** firmware update has completed correctly, the dialog box will show the following indications: new **bit Ten D** firmware version.

10. Repeat the **bit Ten D** calibration procedure.

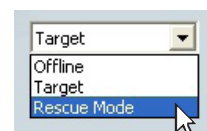
RESCUE MODE

If, when launching the **bit Ten D** PC software the “**bit Ten D Warning**” window appears, you can proceed with **bit Ten D** firmware update by using the “**Rescue mode**” procedure.



In this case you will have to proceed as follows:

- Save the previous setup (in case you want to open it in **OFFLINE** mode);
- Unplug the **bit Ten D** from the amplifiers;
- Turn the **bit Ten D** off, disconnect the power supply;
- Set the **UPGRADE MODE** to **ON**;
- Reconnect the power supply and turn the **bit Ten D** on;
- Restart the **bit Ten D PC** software and select **RESCUE MODE**.



- The screenshot on the right shows the Boot Loader version currently installed on the processor, which allows you to access the menu for the update.



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