

9.3 FIRMWARE UPGRADE

If there are product **UPGRADES** available online, proceed as follows:

- Save the previous setup (if you wish to consult it in **OFFLINE** mode);
- Disconnect the RCA cables.

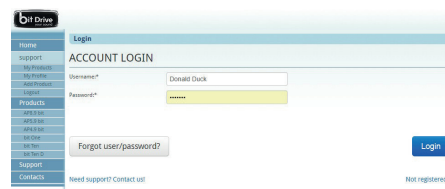
Start **H8 DSP** PC Software and select **TARGET** mode.

1. Access the "**FILE**" menu in the PC management software and choose "**Check for Updates**".

2. When selecting "Check for Updates", the internet browser in the PC will open up and will automatically search for the URL: www.bitdrive.it. Once the related page is open, click on the LINK for the product.

3. Individuare il file più aggiornato nel cui nome sia contenuta la parola Firmware seguita da quattro numeri e cliccare sul simbolo specifico per avviare il download. Quando richiesto salvare il file sul proprio PC.

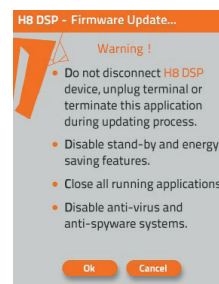
4. Selezionare la voce "Update Firmware"; il programma chiederà di selezionare il file appena salvato dall'Area Download oppure precedentemente salvato sul PC.



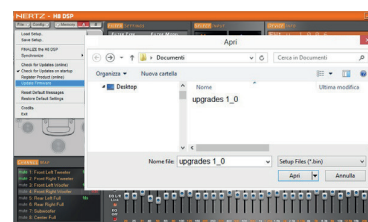
WARNING: **H8 DSP** Firmware update procedure may be delicate. It is extremely important that it is performed under the best possible conditions. If the operation is started and prematurely interrupted (e.g.: PC locked up, loss of power to **H8 DSP**, accidental disconnection of the USB cable during update), our After Sales Service might need to be contacted to reprogram the **H8 DSP**.



5. Before starting **H8 DSP** update, the program warns you to:
 - not disconnect **H8 DSP** from the PC;
 - not disconnect **H8 DSP** from power;
 - temporarily disable the PC automatic stand-by processes; temporarily disable the PC screen saver;
 - close all running applications; temporarily disable the anti-virus and anti-spyware systems.



6. 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 **H8 DSP** 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. When successfully completed, a notification window will appear. To use the **H8 DSP** again, the program on the PC must be closed and the **H8 DSP** turned off.



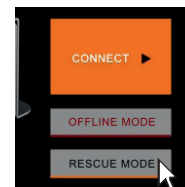
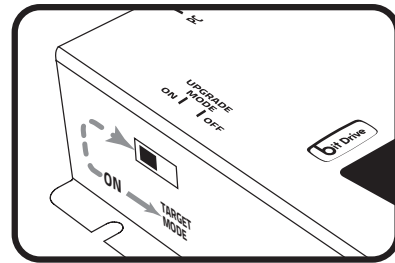
7. turn the **H8 DSP** back on and restart the PC software. If the **H8 DSP** firmware update is completed correctly, the dialogue window will display:
 - new H8 DSP Firmware version.
8. Repeat the product calibration operations ([see sec. 8.1](#)).

9.4 RESCUE MODE

If, when launching the **H8 DSP** PC software the "**H8 DSP Warning**" window appears, the user can choose between the following two ways to proceed:

A- Use a previous version of the PC software.
E.g.: when using PC software v.1.0, open v.0.9;

- B-** Update the **H8 DSP firmware**. In this case proceed as follows:
- Save the previous setup (in case you want to open it in **OFFLINE** mode);
 - Unplug the **H8 DSP** from the amplifiers;
 - Turn the **H8 DSP** off, disconnect the power supply;
 - Set the **UPGRADE MODE** to **ON**;
 - Reconnect the power supply and turn the **H8 DSP** on;
 - Restart the **H8 DSP** PC software and select **RESCUE MODE**



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



- Proceed as detailed in 9.3.4

C- when the update procedure is complete set the switch "**UPGRADE MODE**" to "**OFF**" position.

