

12.3 BYPASSING THE DRC

You can bypass the DRC from the system to adjust the listening volume through the head unit and the steering wheel controls if featured.

The following conditions are required to bypass the DRC:

- if the system features amplifiers provided with AC LINK connections (THESIS TH), they will have to work only with analog input (the ADLink connection can not be used).
- You do not have to use the bit One auxiliary inputs (AUX 1, AUX 2, SPDIF, OPTICAL).

Head unit volume adjustment:

While setting up the system, enable ACLink provided amplifiers through the software
(see section "[HOW TO CONNECT THE BIT ONE TO THE PC](#)", point 13).



WARNING: If you use the head unit volume and if you set it at low level, since the DRC is bypassed the audio reproduction quality may decrease.

12.4 UPGRADE FIRMWARE DRC

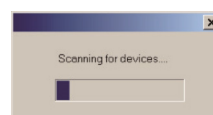
1. The different steps of this upgrade must be performed strictly following the sequence hereafter, exactly as per the chronological order indicated in this document.
2. The upgrade requires good skills in general PC management.
3. The firmware upgrade should be attentively performed, following the warnings listed in the DRC firmware upgrade section of this document, to avoid damaging the product.
4. In order for the DRC to be upgraded, it must be connected to a bit One, to a TH Amplifier or to a system featuring both bit One and TH amplifier.
The software for DRC firmware upgrade requires the correct installation of the Audison AC-Link drivers inside the PC that will be used for the upgrade.
If the bit One Management Software is already and correctly installed in the PC being used, you do not need to install the Audison AC-Link drivers again.
If the PC used for the DRC firmware upgrade is not the PC where the previous software version for the DRC firmware has been installed, before proceeding you first need to install the software and drivers you can find in the CD supplied with the bit One product (see section 6).

PRELIMINARY STEPS:

1. Create a new folder (named for example: DRC upgrade) on the Desktop, or wherever you prefer.
2. Download from <http://update.audison.eu> the zipped folder called, for example, "DRC_upgrade_firmware_1.50.zip" and save it in the folder you have just created.
3. Open the zipped folder "**DRC_upgrade_firmware_1.50.zip**" using a suitable software (for example Winzip or "Compressed folders" Windows utility if available in your PC), and save in your PC the file you can find inside the zipped folder ("**DRC_upgrade_firmware_1.50.exe**").

The firmware update procedure requires particular attention. So, it must be performed under the best possible conditions: if the firmware upgrade is launched but prematurely interrupted (for example because the PC locks up, or a supply voltage drop occurs to the bit One or to the TH amplifier, or the USB accidentally disconnects during the firmware upgrade), you need to contact our Customer Service for further support as memory programming may be necessary.

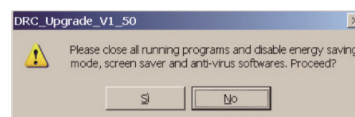
1. Connect the PC to the audio system where the DRC is installed (bit One or AC Link Interface for TH amplifiers) using a USB cable.
2. Turn on the bit One or the TH amplifier, so that the DRC is on.
3. Launch the software "DRC_upgrade_firmware_1.50.exe".
4. Wait for the PC to synchronize with the DRC (scanning for devices).



5. If the PC correctly synchronizes with the DRC, click on "DRC Upgrade to V 1.50".



6. A warning pop-up dialog box will appear, indicating that you have to:
 - close all running programs;
 - disable screen saver;
 - disable energy saving modes;
 - disable anti-virus softwares.
 Click **"Yes"**.



7. Wait until the upgrade procedure is completed.



8. A pop-up dialog box showing the message "upgrade completed" will appear. Click on



9. Click on "Quit" to close the DRC Upgrade Software

