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Denon DVD-955S, DVD-2910, DVD-2910S, DVD-3910 & DVD-3910S Update Procedure

Please read these instructions several times before performing the actual procedure.

Step 1: CD-R/RW Creation

1. You should have already downloaded files to a folder of your choice at this point.
Example: (C:\DVD-xxxxx or Desktop)
2. Launch your disc burning software. (Roxio, Nero..etc)
3. Within your software options, select to make a **DATA disc**. (*Not Audio!*)
4. Go to the properties of your burning software and find the **ISO9660** format setting. Refer to our "Software Burning Guide" on page 5 & 6 or contact your software provider *if* you cannot find it.
(*You must find and select ISO9660 or the procedure will fail*)
5. Go to the properties of your burning software and find the **MODE/LEVEL** setting. In most cases, they are referred to as, **MODE 1/LEVEL 1 CD-ROM**. Refer to our "Software Burning Guide" on page 5 & 6 or contact your software provider *if* you cannot find it.
(*You must find and select MODE 1/LEVEL 1 CD-ROM or the procedure will fail*)



Note: If you are using Windows XP "drag and drop" to burn your disc, the procedure will fail. Windows XP does not give you the option to select, **ISO9960** or **MODE/LEVEL 1**.
*You must use third party software such as, Roxio/Easy Creator, Nero...etc.

6. Locate the (1) **.CFW** file from where you initially saved them on your PC.
7. Drag and drop the (1) **.CFW** file into your burner's software project window.



The one **.CFW** file (listed above) should be the **ONLY** file on the disc to be recorded. Please verify before continuing to # 8.

8. Finalize the CD-R/RW at the *slowest possible recording speed*.
(*You must finalize/close the disc or the procedure will fail*). We suggest the disc at once setting. If you're not sure of what you are doing, please use a CD-RW disc so you can erase it and start over.
9. Take the finalized disc over to your Denon DVD player and go to Step 2.

Step 2: Uploading the Firmware for a DVD-955S, DVD-2910, DVD-2910S, DVD-3910 & DVD-3910S

This Firmware corrects the following issues on models listed above.

1. Corrects for black level adjustment and range in Normal mode.
2. Instruction sheet for HDMI 1.1 update.

Please follow the instructions below:

- Be sure not to disconnect the power cord at any time during this procedure. Doing this will cause the unit to seize and the Flash ROM will need to be replaced. Also do not use the remote, only the controls on the front panel of the player are needed to update your unit.
- Connect a monitor to the composite or S-Video output terminal. (Optional)
- With the player powered up, remove any disc that may be in the tray.
- Insert the Firmware CD-R you have created.
- Press the “Close” button, DO NOT press “Play”! Stand back as the firmware will automatically start.
- After the player loads the disc, the front panel reads “LOADING.”
- “WRITING” will then be shown on the unit’s display while the update is in progress. This updating will take approximately 1 minute.
- “COMPLETE” will be shown on the front panel display when finished or “DONE” is displayed on your monitor. The player will then open the drawer automatically.
- Remove the disc. Without closing the drawer, turn the unit off by pressing the “On/Off” button.
- Turn the player on with the “On/Off” button and start using it. Update complete.

Notes:

If “COMPLETE” does not appear after 5 minutes, turn off the DVD’s power, then turn the power back on. The software updating procedure starts over.

If the disc tray has not opened, press the DVD’s power button to turn the power off, then press the DVD’s power button again to turn the power back on. Once “LOADING” is displayed on the DVD’s display, press the “OPEN/CLOSE” button.

The new firmware version of your DVD-955S, DVD-2910 or DVD-2910S after updating will be ESS-6720-7 and Make Day 114.

The new firmware version of your DVD-3910 or DVD-3910S after updating will be ESS-6609-8 and Make Day 114.

Step 3: Verify your Software

1. With no disc in the player, drawer closed, turn the main power OFF with the “On/Off” button.
2. Press and hold the Play and Open/Close buttons at the same time.
3. While holding the buttons in 2 above, turn the main power ON with the “On/Off” button and release the two buttons after three seconds.
4. On the remote control, press the numeric buttons “3” “2” “6” “5”
5. Press the Menu button on the remote control repeatedly until you have checked that the two version numbers above for your model have shown in the display.
6. To reset the player, turn the Main power OFF with the “On/Off” button.

Step 4: Initialize the Player

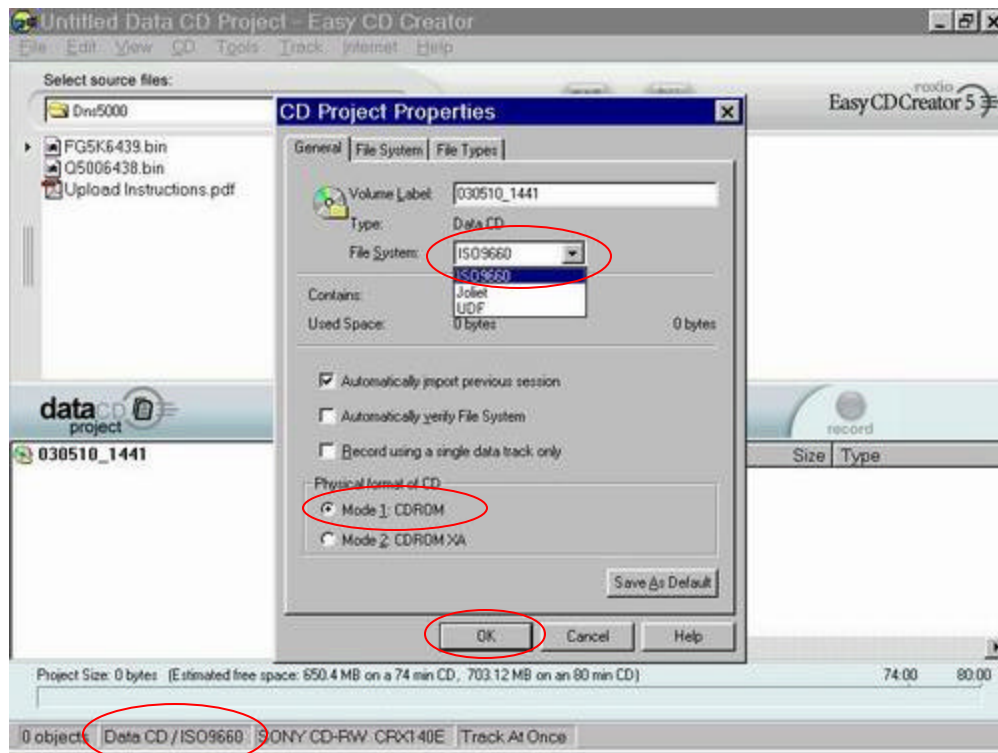
1. With no disc in the player, drawer closed, turn the main power ON with the “On/Off” button.
2. Press “Play” and Track Forward “FF Skip” at the same time.
3. While holding the buttons in 2 above, press the “Open/Close” button and hold all three for at least 3 seconds.
4. “Initialize” will be displayed on the front panel display.
5. Release the 3 buttons.

Note: You will need to reset all settings in the DVD player’s setup menu.

How to properly burn DENON's Plug-In Software to a CD-R/RW

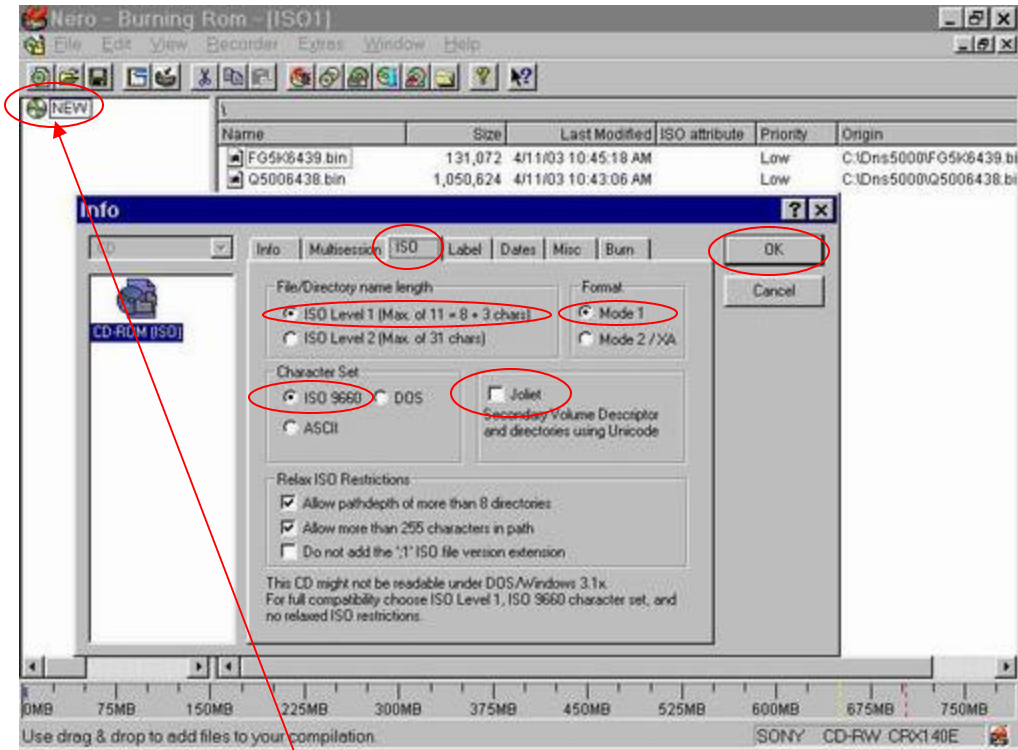
If you are experiencing problems with your upload, chances are you did not select the proper settings within your burning software. The below screen shots are of the two most popular brands that will guide you with these important settings.

Roxio – Easy Creator 5 (Select “Classic” for versions above 6)



1. Double click on this setting to change your CD properties.
2. Select “ISO9660” circled in red
3. Select “Mode 1” circled in red
4. Select “OK” circled in red
5. Select the required “.cfw” file, then finalize at the slowest possible speed.
6. Read the step-by-step instructions included with the download.

Ahead – Nero



1. Right click on the **"NEW"** icon and select **"Properties"** in the drop down menu to change your CD properties. The Info box will then appear.
2. Select the **"ISO"** tab circled in red
3. Select **"ISO Level 1"** File/Directory name length circled in red
4. Select **"Mode 1"** Format circled in red
5. Select **"ISO 9660"** Character Set circled in red
6. Uncheck the **"Joliet"** box circled in red
7. Select **"OK"** circled in red
8. Select the required **".cfw"** file, then finalize at the slowest possible speed
9. Read the step-by-step instructions included with the download.

HDMI 1.1 Updated Instructions

With a version 1.1 HDMI connector, video and audio signals are transferred when playing DVD Audio with CPPM. Version 1.1 HDMI compatible products are required for this capability. Please check the version of the HDMI devices being connected to insure proper operation.

		Setting of HDMI		
		Audio recording format	2CH	MULTI (NORMAL)
DVD Video	Dolby digital	2 channel PCM	Dolby digital	Multi PCM
	DTS	2 channel PCM	DTS	Multi PCM
	PCM	2 channel PCM	Multi PCM	Multi PCM
DVD Audio	LPCM or P.PCM (with CPPM)	2 channel PCM	Multi PCM	Multi PCM
	LPCM or P.PCM (without CPPM)	2 channel PCM	Multi PCM	Multi PCM
Video CD		2 channel PCM	2 channel PCM	2 channel PCM
CD		2 channel PCM	2 channel PCM	2 channel PCM
MP3 CD		2 channel PCM	2 channel PCM	2 channel PCM
WMA CD		2 channel PCM	2 channel PCM	2 channel PCM
Super Audio CD	Multi area	×	×	×
	Stereo area	×	×	×
	CD layer	2 channel PCM	2 channel PCM	2 channel PCM