

## CDi-XR AND CDt-XR CD PLAYERS

### When to update?

Cyrus CDi-XR and CDt-XR CD players feature user-upgradable firmware via ports on the back panel.

Owners can check the Cyrus website for notification of updates or register their products to receive notification when updates are released.

### Compatibility

The same firmware download is used for the CDi-XR and CDt-XR models. The firmware can auto-detect the CD player type and enable model specific features as required.

### Dual firmware ports

The CDi-XR and CDt-XR include dual firmware update ports, one for the 'UI' (user interface controller) and one for the 'SERVO' (servo controller). Both ports should always be updated at the same time with the latest versions available from Cyrus.

## COMPUTERS AND OPERATING SYSTEMS

Cyrus firmware upgrades are possible using a PC computer. No special app is required, just basic file management skills to download, copy, rename and delete files.

The screenshots in the example are of a computer using Windows File Explorer under Windows 10 operating system. Other operating systems, computers and file management apps will appear differently although the steps in the upgrade procedure will be the same.

## TOOLS REQUIRED

The CD player will not require dismantling.

A mini USB cable (supplied) and the upgrade firmware will also be required.

**NOTE:** Not all mini USB cables are data cables, some are charging cables. A charging cable is not suitable for firmware upgrades. Always use the cable supplied with the CD player where possible.

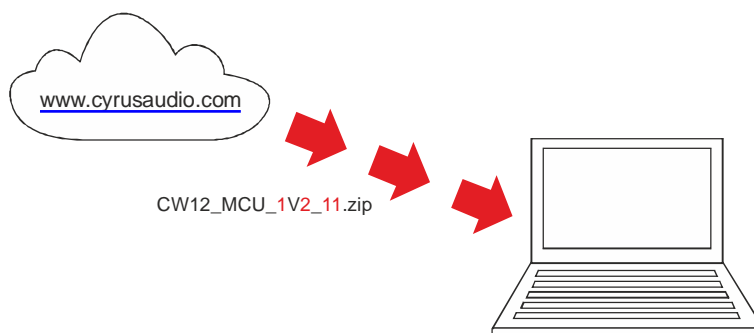
## DOWNLOAD

Download the firmware you require from the Cyrus website at [www.cyrusaudio.com](http://www.cyrusaudio.com).

The firmware file(s) should be contained in a zip file in the format 'CW12\_MCU\_1v2\_11.zip' where the red numbers in the examples will change to indicate the firmware version. This 1v2\_11 firmware version will be used through the rest of this example instruction sequence.

Always update both UI and SERVO ports.

The version numbers for the UI and SERVO updates must always be the same.

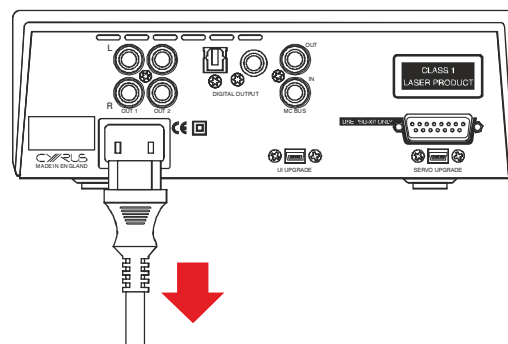


### Important

The downloaded .zip file will need to be unzipped before you can perform the firmware update. Do NOT attempt to transfer the downloaded file to the amplifier. To unzip the file double click on the downloaded file, save the files to a location you are able to find from your explorer.

## DISCONNECT

Disconnect mains power from the CD player.



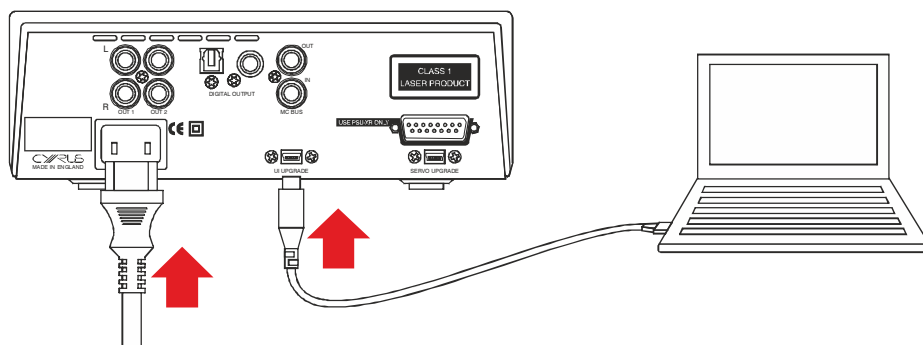
## CONNECT UI

Connect the update cable to the computer.

Connect the update cable to the UI UPGRADE port on the back of the CD player.

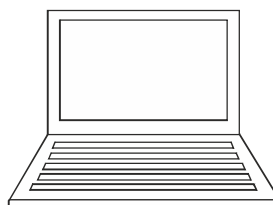
Connect mains power to the CD player.

*Don't operate the CD player controls in any way during UI update and ignore any display indications.*



## UPGRADE UI

Follow the instructions on the next page to upgrade the UI firmware.



## UNZIP

The firmware update file is packaged with these instructions in the 'zip' file download.

Open the 'UI Firmware' folder within the zip file.

*The firmware file name will be **firmware.bin**.*

Extract the UI firmware file to the 'Downloads' folder.

Zip file

Update instructions

Change log

UI Firmware folder

**firmware.bin**

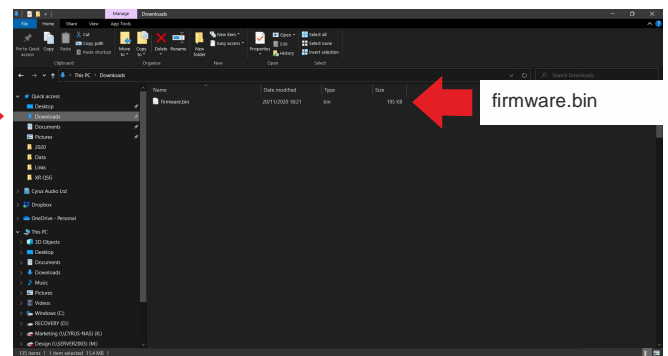
Servo Firmware folder

**firmware.bin**

## COPY UPDATE UI

Select the 'firmware.bin' file in the Downloads folder and copy it (Ctrl+C).

DOWNLOADS →



## DELETE ORIGINAL UI

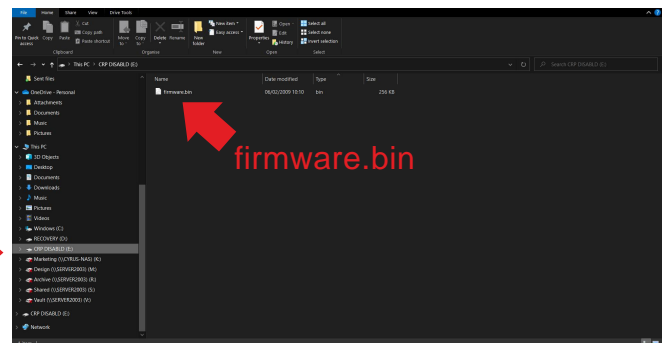
In a File Explorer window the CD player should be visible as a drive titled 'CRP DISABLD'. On that drive should be a single file (the current firmware), titled 'firmware.bin'.

Select the CRP DISABLD folder.

Delete the firmware.bin file.



CRP DISABLD →



## PASTE UI UPDATE

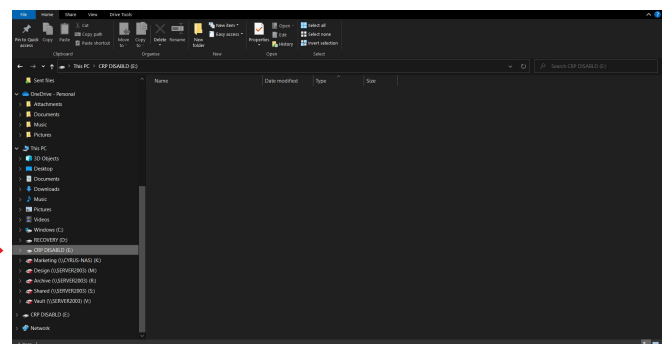
Select the CRP DISABLD folder.

Paste the new firmware into this folder (Ctrl+V).

*You should see a progress bar as the file is copied.*



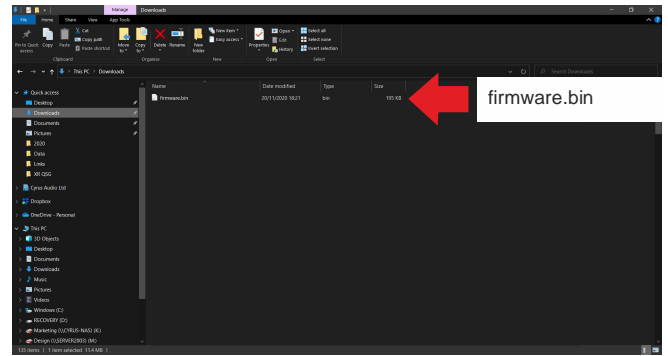
CRP DISABLD →



## DELETE DOWNLOAD

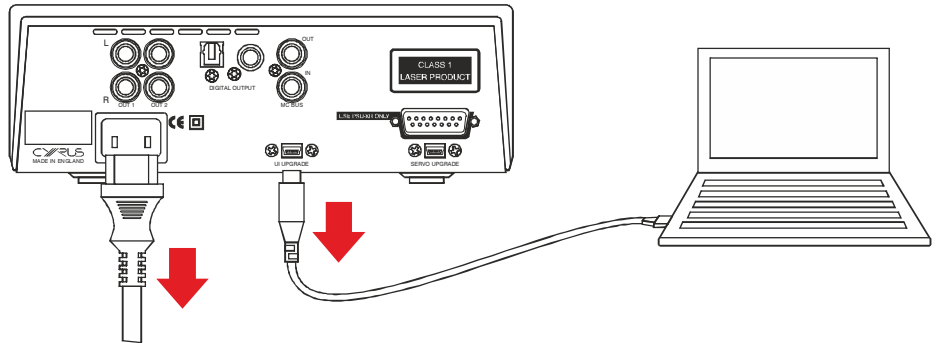
Delete the UI download before proceeding to update the servo firmware.  
Return to the downloads folder.  
Highlight the 'firmware.bin' file.  
Press DELETE.

DOWNLOADS →



## DISCONNECT UI

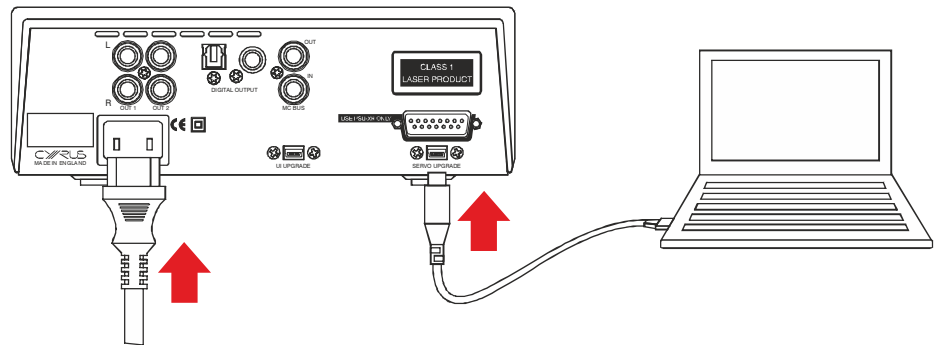
Disconnect the update cable from the UI UPGRADE port.  
Disconnect mains power.



## CONNECT SERVO

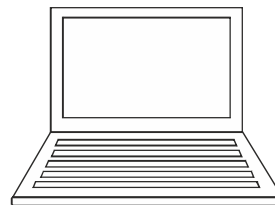
Connect the update cable to the SERVO UPGRADE port on the back of the CD player.

Connect mains power to the CD player.  
*Don't operate the CD player controls in any way during servo update and ignore any display indications.*



## UPDATE SERVO

Follow the instructions on the next page to update the SERVO firmware.



## UNZIP

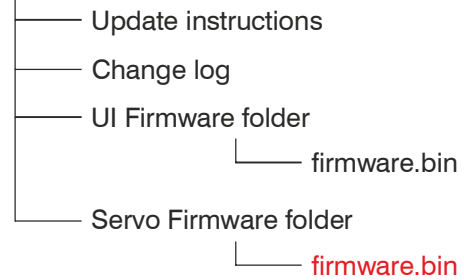
The firmware update file is packaged with these instructions in the 'zip' file download.

Open the 'Servo Firmware' folder within the zip file.

*The firmware file name will be firmware.bin.*

Extract the firmware file to the 'Downloads' folder.

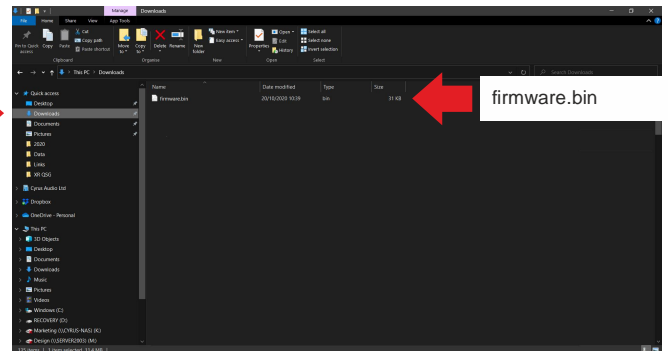
### Zip file



## COPY UPDATE SERVO

Select the 'firmware.bin' file in the Downloads folder and copy it (Ctrl+C).

DOWNLOADS →



## DELETE ORIGINAL SERVO

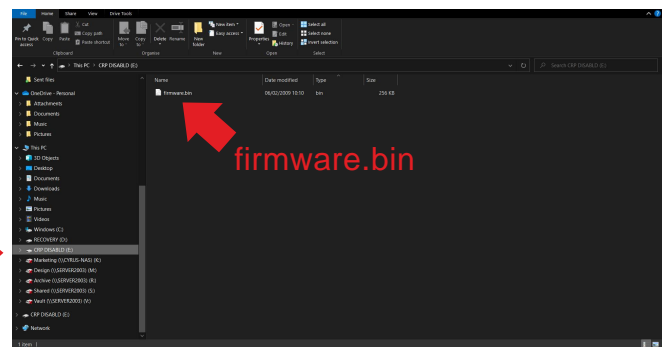
In a File Explorer window the CD player should be visible as a drive titled 'CRP DISABLD'. On that drive should be a single file (the current firmware), titled 'firmware.bin'.

Select the CRP DISABLD folder

Delete the firmware.bin file.



CRP DISABLD →



## PASTE SERVO UPDATE

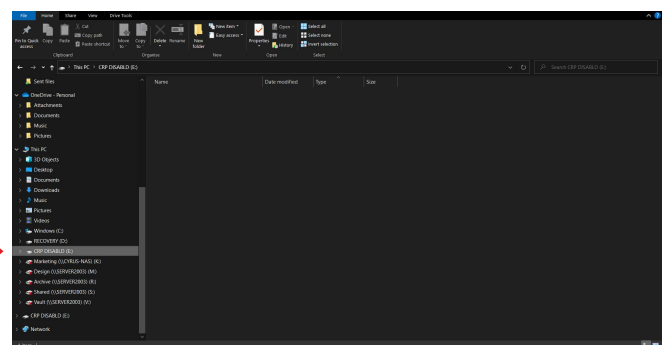
Select the CRP DISABLD folder.

Paste the new firmware into this folder (Ctrl+V).

*You should see a progress bar as the file is copied.*



CRP DISABLD →



## DELETE DOWNLOAD

To avoid confusion, delete the SERVO download.

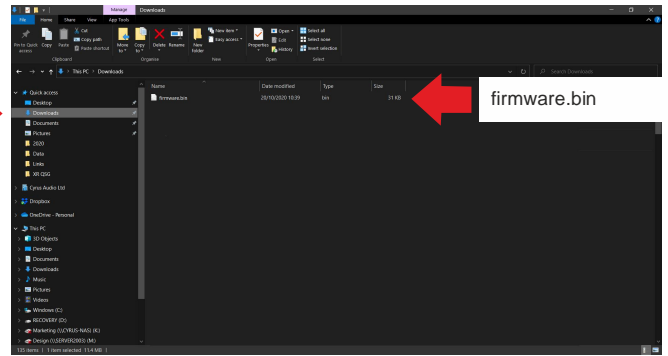
Return to the Downloads folder.

Highlight the 'firmware.bin' file.

Press DELETE.

The SERVO firmware should be deleted.

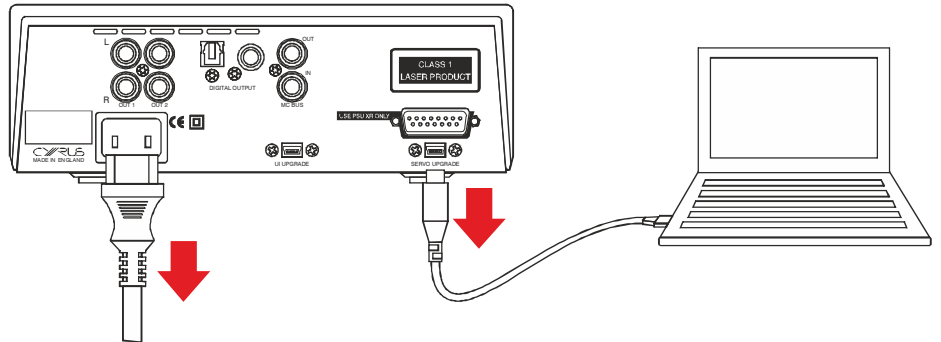
DOWNLOADS →



## DISCONNECT

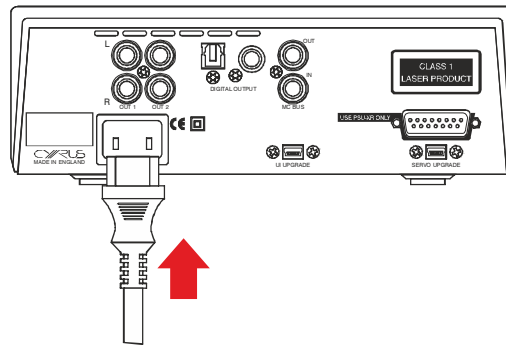
Disconnect the SERVO update cable.

Disconnect mains power.



## CONNECT POWER

Re-connect mains power.



## CHECK VERSION

Power up the player.

Press 'i' on the remote control.

Confirm that the updated firmware version is listed on the display.

**NOTE:** If the UI and SERVO firmware version numbers are mismatched, the message 'Incompatible Firmware' will be displayed when power is connected. In this case, repeat the update process from the beginning including file download.

