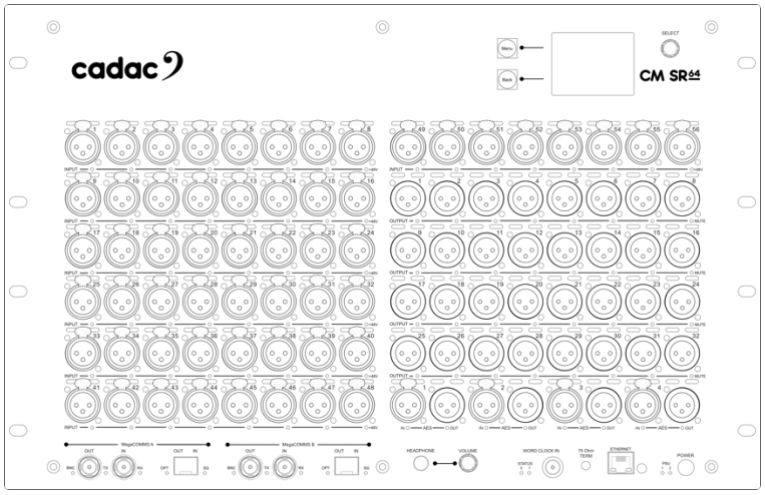
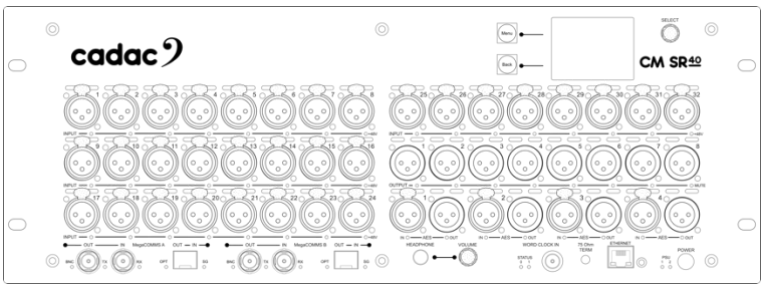
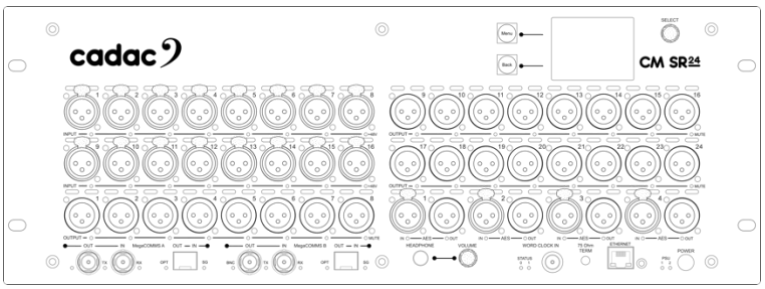
series

Cadac Remote Stage Racks







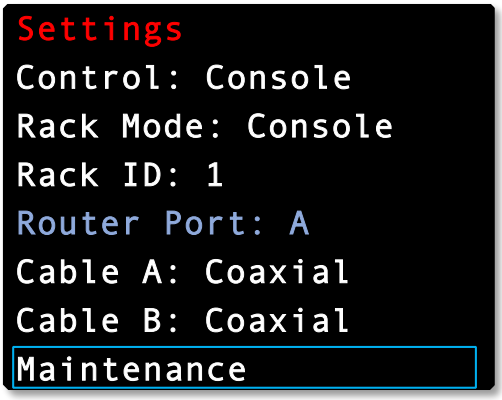
CM-SR64 CM-SR40 CM-SR24

Firmware Update Procedure

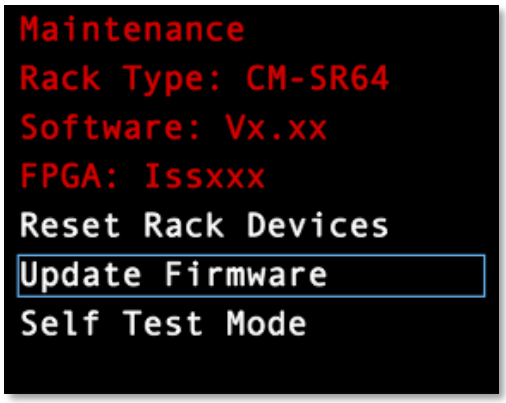
Maintenance Menu

To update the Firmware you need to access the Update Firmware setting via the Maintenance page. This is done via the Main Menu, Setting Menu, Maintenance Menu and then access Update Firmware:

1: Main menu ***– select Settings***



2: Setting menu – ***select Maintenance***



3: Maintenance menu – ***Select Update Firmware***

The Maintenance window will confirm the rack type: CM-SR64 or CM-SR40 or CM-SR24. It will also show the unit's current software version, along with the FPGA firmware version installed.

Update Firmware opens the stage rack **firmware update page**. This operation requires the unit to be connected to a Windows PC.

Updating Firmware

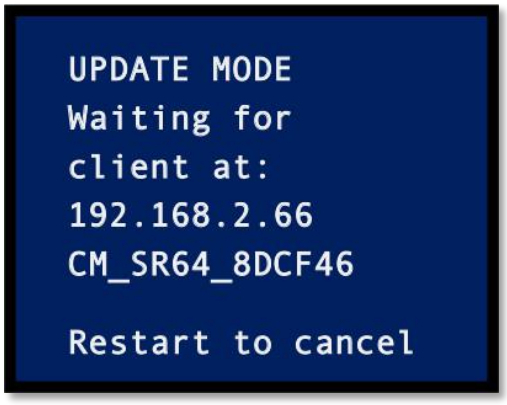
The SR stage racks operating system undergoes a programme of continuous development, as a result the unit may be updated by loading new versions of the firmware as they become available.

This can be done by connecting an Ethernet cable to the front panel linked to a Windows PC. Download the latest firmware version.

SR Stage Rack Firmware Upgrade Procedure

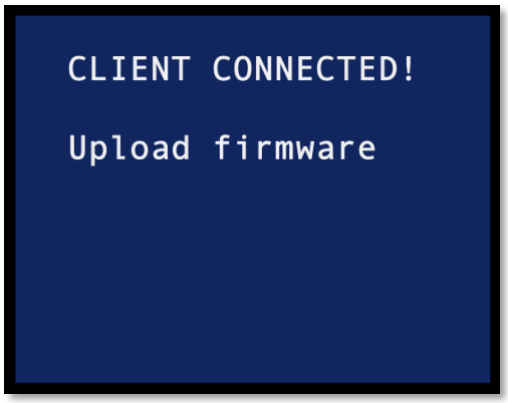
1. Download the SR firmware file
2. Connect the stage rack to the Windows PC via the Ethernet cable using the Ethernet port on the front panel of the SR unit

4: When attached to the PC the above screen will appear



5: The above screen will appear while the stage rack looks for a client at the displayed IP address

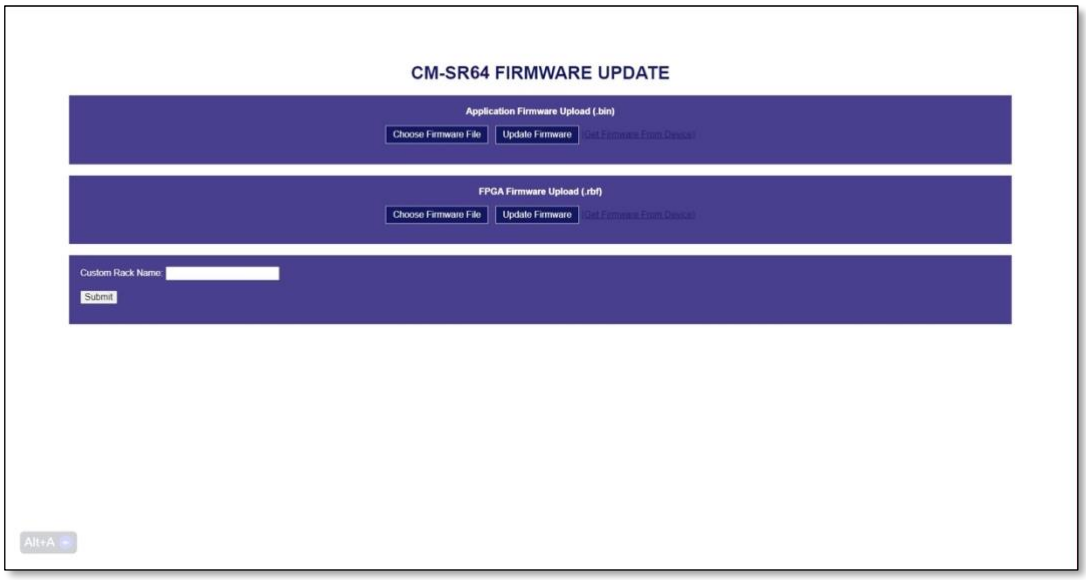
NOTE: This could take several minutes to display all the information, please do not power down the unit during this process.



6: Successful connection to client server

3. The IP address displayed on the SR stage rack needs to be typed into the web browser.

4. The stage rack firmware update menu will appear on the PC browser window
   (Note not all web browsers maybe compatible).



7: PC browser window

There are two firmware elements that may be updated:

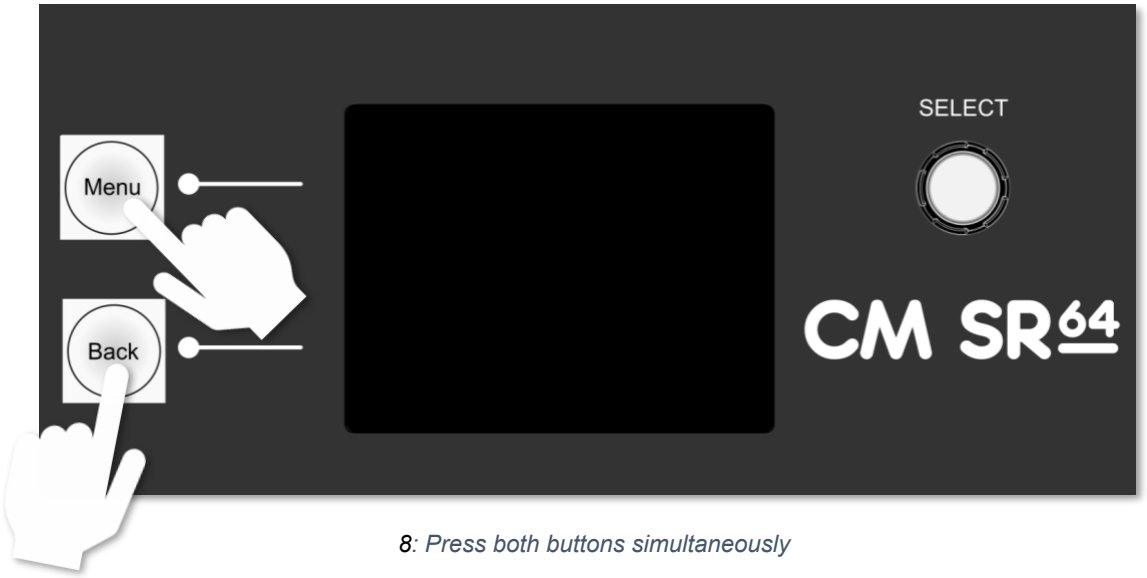
- Arm Application Firmware (****.bin)
- FPGA Firmware (****.rbf)

Note: This whole process must be repeated for both the **bin** and **rbf** if both files need updating.

Choose the appropriate Firmware and follow the on-screen directions.

Once this process has been successfully completed - the update should take no longer than 30 seconds - the unit will say UPDATE COMPLETE.

5. The unit will then need to be powered off (ideally disconnected from the power)
6. Reconnect the power
7. Before restarting the unit, press and hold the MENU and BACK buttons on the front panel
8. Now power up the unit – still holding the MENU and BACK buttons



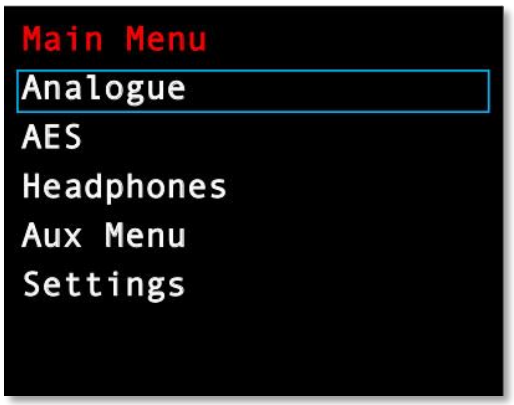
8: Press both buttons simultaneously

Wait for the following screen to appear before releasing the MENU and BACK buttons:

9: Unit resetting to factory defaults

9. The unit will now go through **Reset Rack Device** process to return it to factory defaults. This will erase every user stored setting from the unit.

10. When the unit has reset it will display the **Main Menu**



10:: Unit has finished resetting to factory defaults

11. The unit has now successfully completed the firmware update

If the unit fails to update it will return to the menu without restarting. If the unit continually fails to update please contact your local distributor.

Note: This whole process must be repeated for both the **bin** and **rbf** if both files need updating.

Cadac

One New Street

Luton

Bedfordshire

England

LU1 5DX

www.cadac-consoles.com

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