

Software upgrade instructions for the QS/C receiver series.

Items needed:

- PC
 - Download utility Zload 2.1.0.1
 - Female - female RS232 cable (null modem), with the following pins connected

Female side1		Female side2
Pin 2	-	Pin 3
Pin 3	-	Pin 2
Pin 5	-	Pin 5
- Rest of the pins are not required to be connected.
- Software binary file for the QS/C series receiver as available from www.quali-tv.com

Download procedure:

1. Install the upgrade "Download file" and the Zload download utility in a folder of your choice.
2. Disconnect the QS/C series receiver from the mains (for at least 1 minute before start of download).
3. Use the RS232 cable to connect the QS/C series receiver to the PC Serial port.
4. Go to the folder that contains the download utility and click it to start the utility.
5. Configure the serial port settings (on the right side of the terminal window) as follows:
 - Select comport used for the connection to the receiver
 - 57600 bits per second
 - 8 data bits
 - no parity
 - 1 stopbit
6. Check that the mode is set to Loader V3 (Select Terminal, Switch mode or ctrl M)
7. Choose "File" and then "Select Download file".
Browse to the directory where the download file is located and select the file to be downloaded.
8. Connect the QS/C series receiver to the mains and the download will proceed automatically. The download will take appr. 3 minutes.
Disconnect the serial cable after the download has been completed successfully.
9. When upgrading from software version SV 2.03, ensure that prior to download, the decoder has been disconnected from the mains for a few minutes.