

intelliGen iRC Main Control Board Firmware Update Instructions Via USB Drive

New Firmware Versions To Update To:

- For 28918001 or 28918002 – version 01.06.0651 (Firmware file: PR01060651.CEF)
- For 28918003 – version 01.07.0651 (Firmware file: PR01070651.CSF)

Note: For iRC Boards have firmware version 01.02.0242 or older, update the firmware to version 01.03.0362 first and then run the update again to get to the latest version.

Firmware Update Using USB Drive:

1. Go to website www.intelliGencontrols.com/resources
2. In the Firmware Updates section, click the “**download icon**” to download the latest firmware file
3. Go to the “**Downloads**” folder on your computer and look for the firmware zip file name “**iRC_v_xx.xx.xxxx**”.
Note: x represents the digit number of the firmware version file name.
4. Unzip the firmware file by double click the zip file and up-zip.
5. Plug an USB drive (less than 32GB) into a computer and navigate to the drive via Window File Explorer. The USB drive typically labeled (D:) or (E:) drive.
6. Create a folder named “**firmware**” in the root directory of the USB drive. Example, D:\firmware
7. Copy the un-zipped firmware files **PRxxxxxxx.CEF** and **PRxxxxxxx.CSF** to the “**firmware**” folder.
Note: the iRC control board will automatically recognize the right file version to use.
8. On the intelliGen local user interface, press the “**Home Button**” twice and then turn the knob to navigate to the “**USB OPERATION**” menu. Press the knob to enter.
9. Use the knob to scroll to the “**FIRMWARE UPDATE**” option and press the knob to “**Execute**”.
10. Enter the **Expert PIN (default is 999999)** and press the knob to submit. (If the control is not in 'Service' mode, the iRC will automatically enter service; this process can take up to 2 minutes and the iRCUI will display "Entering Service Mode... please wait")
11. Press the knob again to start the update process.
12. The iRCUI will display "**Checking FW File...**" as it searches the flash-drive for an appropriate firmware file.
13. The iRCUI will display: "**FIRMWARE UPDATE Install vxx.xx.xxxx?**"
14. If the displayed firmware version is correct, press the Knob to initiate install.
15. The iRCUI will display "**UPDATING FIRMWARE**" followed by a status message indicating update progress.
16. Once update is complete, iRCUI will go blank and automatically restart. Once the iRCUI goes blank, it may take several minutes for the board to restart. This process can be expedited by power cycling the 24V power on the iRC.

17. Update should now be completed, to confirm the updated firmware version, press the “**Home Button**” twice and press the knob to enter the “**MONITOR**” menu.
18. Turn the knob to go to “**iRC SW VERSION**” menu. The updated version number shows on the 2nd line of the display.

USB Drive Requirement:

- USB Size: 32GB or smaller
- USB File System Format: FAT32
- Note: Some generic brand of USB flash drive may not be supported.