

TrolMaster Firmware updates HCS-1 NFS-1 CDA-1

TrolMaster provides firmware updates for their products. Firmware is the program running inside of the controller or module. Updating the firmware provides updated features as well as to fix bugs in the programming. For best performance, when installing the controller, you should ALWAYS verify the current firmware installed in your controller is the most recent version. See below on how to check firmware version.

There are two different firmware types, the MAIN controller firmware, and the DEVICE module firmware. The following discusses how to update the “original” type of TrolMaster main controllers.

Requirements: You will need to have a 32GB or smaller capacity microSD memory card.

TO CHECK CURRENT FIRMWARE VERSION: On the controller press Enter – System (settings) – the bottom of the screen will show the current firmware version.

TO GET THE NEWEST FIRMWARE UPDATE FILE:

- 1) Go to <https://www.trolmaster.com>
- 2) Select Support – Firmware Update
- 3) Scroll down the firmware list until you find the controller you are trying to update.
- 4) Click on the Arrow on the right to start to download the file to your computer.
- 5) Depending on your browser, the file should be saved into your download folder.
- 6) Open the download folder and locate the file you are saving. For example, for the Hydro-x controller, the filename may read HCS-1_V2.6.bin Make sure the filename does not have a number in parentheses (1), (2) etc after the filename. If so, delete the (1), (2) etc.
- 7) Copy the file onto the microSD card using either copy-paste or drag and drop the file on the microSD card.
- 8) Once the file is on the microSD card, you can now insert the card into the slot on the bottom of the controller.
- 9) Note: *Updating the firmware will remove all current settings. Write down your settings before starting the firmware update.
- 10) On the controller press Enter, then select System – System reset – Firmware Update.
- 11) Press Enter to start the update. When complete, the controller will restart.
* **Note:** You may have to re-address the device modules and sensors when complete.