HYP-R

Firmware Update Guide

![PE Pokornyi Engineering logo]
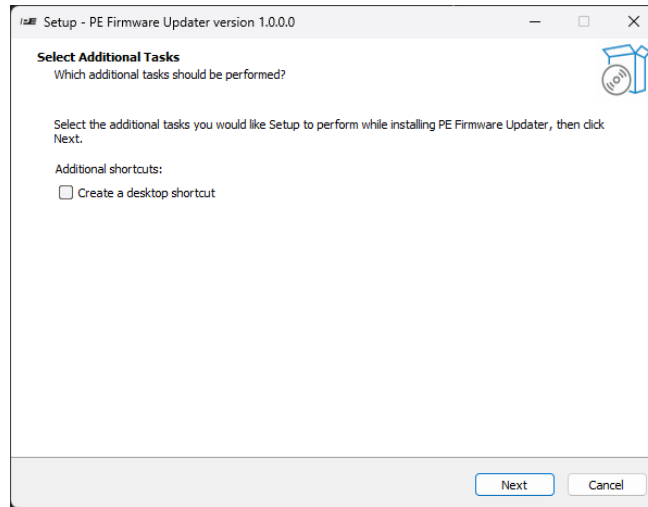
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1 INSTALL PE FIRMWARE UPDATER

Install PE Firmware Updater on your PC. This program will install the required driver for DFU (Device Firmware Update) mode.
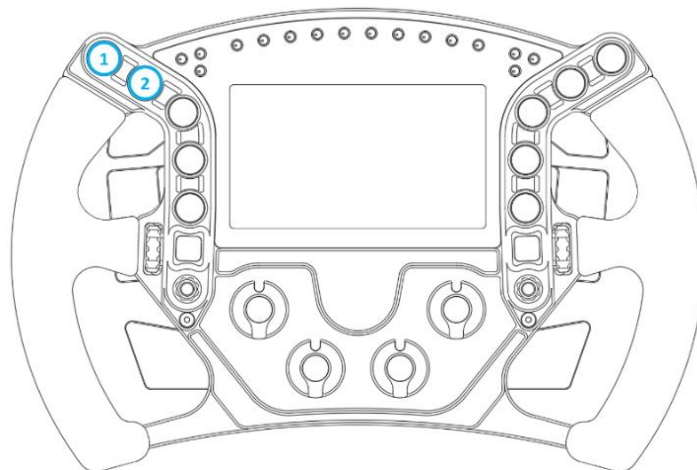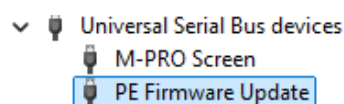

2 ENTER BOOTLOADER MODE

To enter in bootloader mode, press and hold **BUTTON 1** and **BUTTON 2** continuously as shown below while you connect the wheel to the PC. (The buttons have to be pressed while powering up the wheel.)

> **Firmwares below v1.4 do NOT have bootloader!**
> If you have device with older firmware and want to update, then you have to upload the bootloader first as described in DIY guide. Once you have a bootloader installed, you can update the wheel via USB connection.
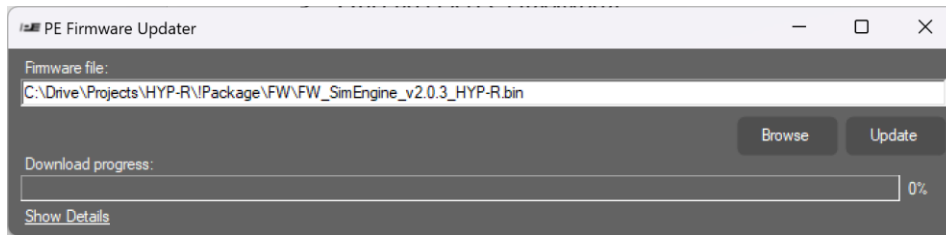

If you successfully entered boot mode, a "*PE Firmware Update*" device will appear in the device manager under *Universal Serial Bus devices* section.
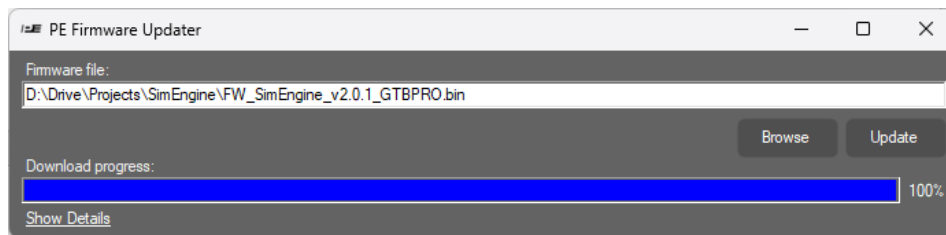
3   UPLOAD THE LATEST FIRMWARE

Start the PE Firmware Updater application. Click "Browse" and select the latest firmware file.

Click "Update" and wait until the firmware download to the device completes. Once it's done, the progress bar will switch to blue.

(By clicking "Show Details" you can check the logs. Please ignore "Invalid DFU suffix signature" message, that feature is unused in the util.)

4   RESTART THE DEVICE

Disconnect, wait 10 sec and re-connect the USB cable of the device.

You are done with the firmware update!

5   REMARKS

- SimEngine 2.x.x requires **SimHub 9.4.7** or higher!
- The clutch paddles have to be re-calibrated after firmware update.
- When updating a major version (e.g. v1.x → v2.x) then the device might have to be re-assigned in-game.
- SimHub LED profiles made for firmware versions v1.x are not compatible with SimEngine v2.x.