



WHEEL BUTTON LED PROFILES

Instructions

Daniel Newman Racing is where cutting edge technology meets the thrill of online racing. We specialise in crafting some of the most advanced SimHub compatible LED profiles designed to elevate your Sim Racing performance to new heights. Whether you're a seasoned pro, or just starting out, our products are meticulously engineered to immerse you in the heart pounding action of the track.

DNR profiles are built to be different, and used by those serious about winning. The purpose is to make you fast and give you what's important, when, it's most important. Not only used by Sim Racers worldwide, but also trusted by real life Formula One race winners, IndyCar champions, Daytona 24 winners and a plethora of industry leading manufacturers.

The below tutorial will explain the DNR Steering Wheel Button LED profiles installation and customisation options.

In order to use the Daniel Newman Racing Steering Wheel Button LED profiles you will need to ensure you have SimHub installed and the latest version installed.

You can download SimHub here - <https://www.simhubdash.com/>

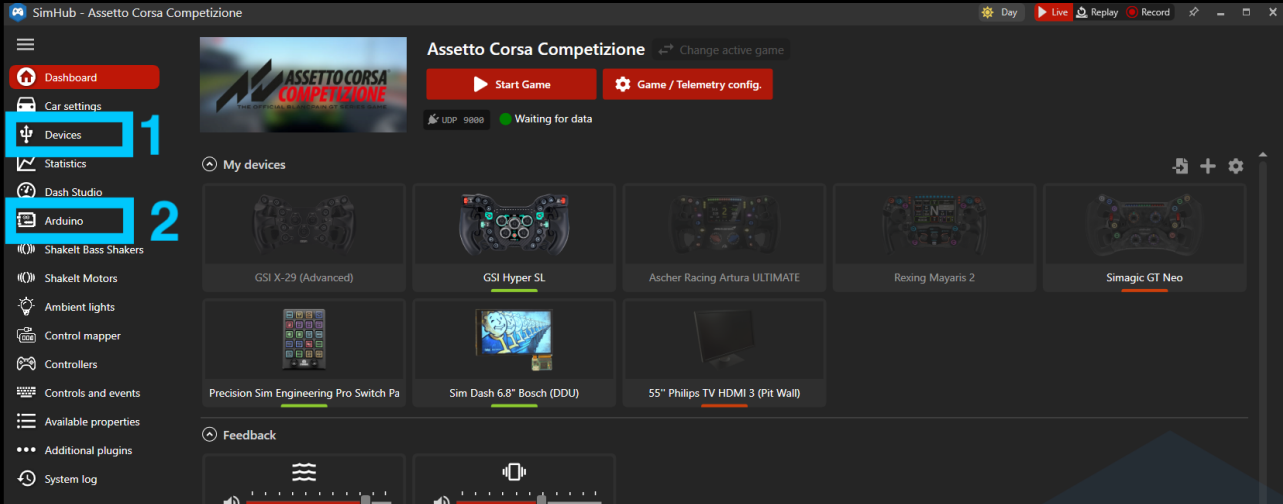
In addition to installing SimHub, you will need to ensure you have a set of SimHub compatible DDU/RPM device.

A wide range of Steering Wheel Button LED options are available on the website to suit many layouts including:

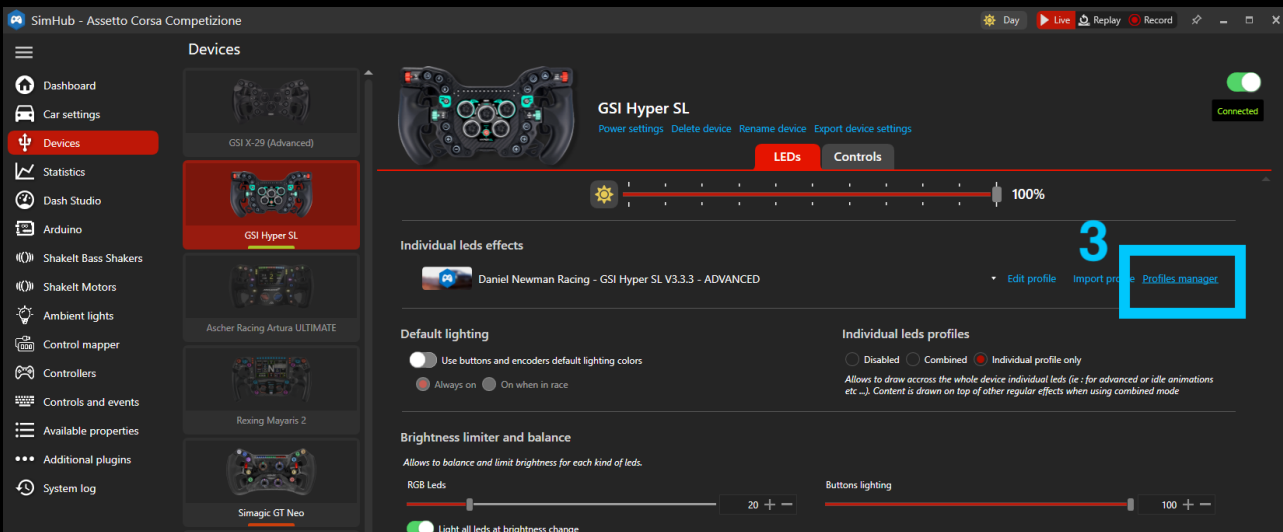
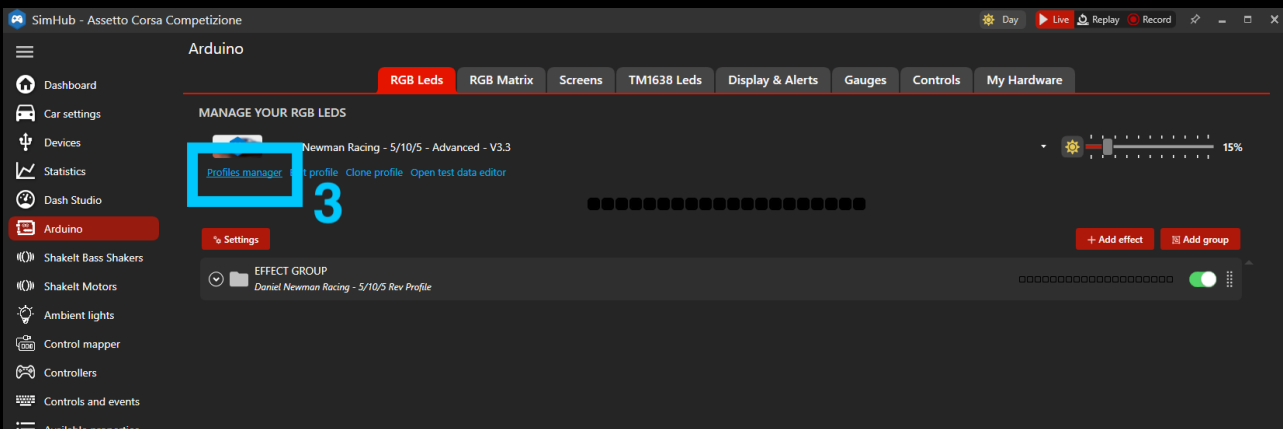
GSI Hyper X29 / GSI Hyper SL / GSI Hyper P1
Ascher Artura Sport / Ascher Artura Pro / Ascher Artura Ultimate
Simagic GT Neo
Rexing Mayaris 2
Cube Controls F-Pro / Cube Controls CSX3

Step 1 - Install the Profile

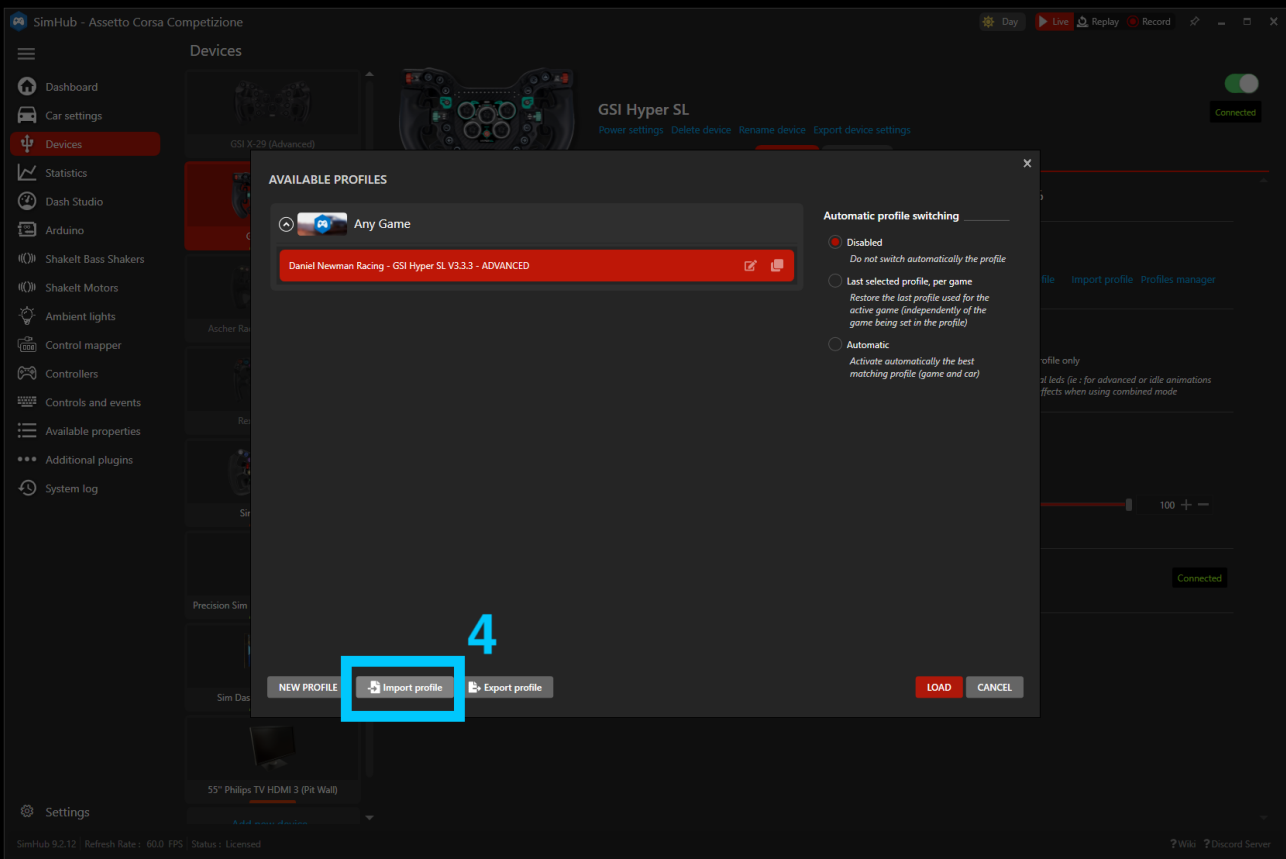
First you need to open SimHub and navigate to EITHER the Devices page (1) OR the Arduino page (2). This will depend on whether you are adding an LED profile to a SimHub recognised device OR to an Arduino DIY type device. SimHub does not list all manufacturers are supported devices, so be sure to check which open you need.



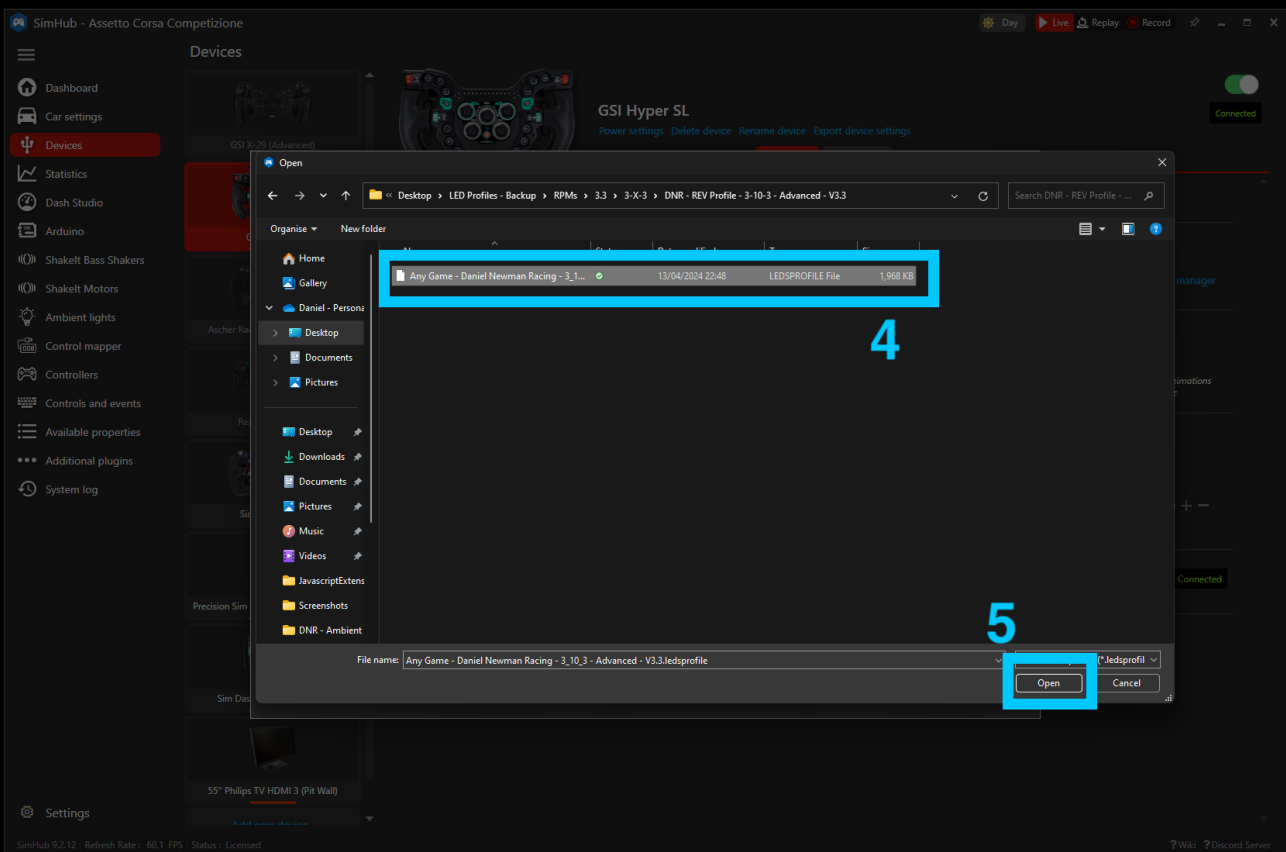
You'll then need to select profile manager (3) on either page to open the import window.



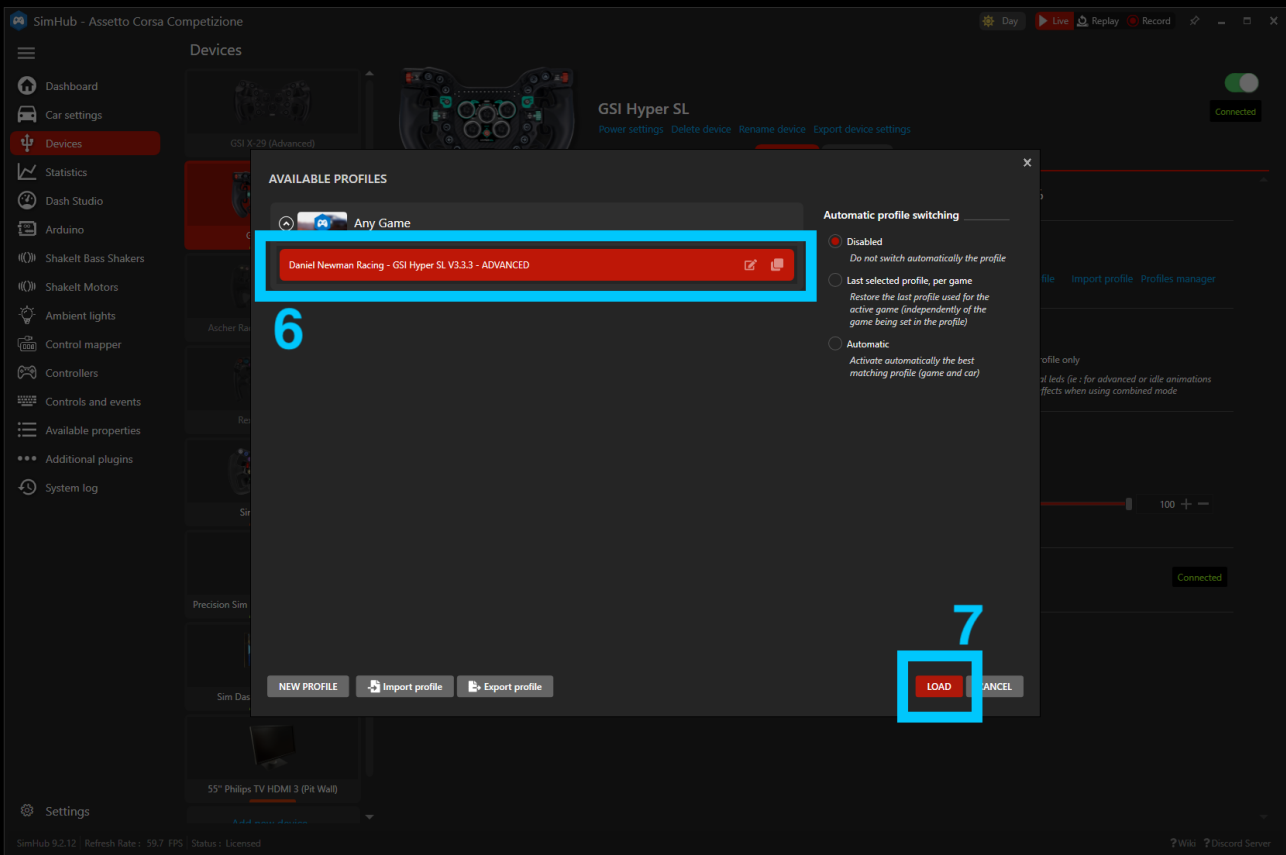
After pressing profiles manager, you will see the screen below, where you can now press 'Import profile' (4).



You now need to navigate your file explorer to the location of the saved profile, select it as shown in number (4), and then press open as per number (5).



Lastly, select the profile in number (6) ensuring you select the correctly named profile, and then press load as per option (7).



The LED Profile is now installed on your DDU / Wheel / RPM telemetry device. The profile has a series of default options loaded within it, but if you wish to customise these to your own preference and taste, please move onto Step 2 below.

Step 2 - Customise Your Preferences.

The Daniel Newman Racing website (<https://www.danielnewmanracing.com>) provides an easy to use and automated configurator tool to allow you to customise your profiles. Once the tool has been used a JSON file (the settings file) is generated and used to tell SimHub which preferences you wish to follow. As the Daniel Newman Racing library is large, the JSON file will adjust the preferences of all your DNR profiles, so ensure when making changes, you do them with all devices in mind.

NOTE: where Wheel Button profiles include SIMPLE & ADVANCED versions in the download file, SIMPLE will fit ANY button layout, ADVANCED must be used with the button layout illustrated in the image of the download file.

In this section we will skip to the relevant configurator options for this profile (Wheel Button LEDs) and describe what each of the options does.

Wheel Menu Colour

Daniel Newman Racing / Lovely Dashboard (Default) / Red / Blue / Green / Yellow / Orange / Purple / Pink / White / Arctic / Sunset / Rainbow / Citrus / Tokyo / Gulf Oil Theme

This setting allows you to select the colour of the Wheel Buttons when SimHub is launched and the game is NOT launched (i.e on Desktop and in Menus). 16 colour options exist to allow you to match your Wheel Buttons to your taste, pairing with the theming of your rig, or integrating the colours with other SimHub compatible devices running DNR LED profiles (Button Boxes for instance).

Wheel Menu Colour

Daniel Newman Racing Theme (Default) 


This setting allows you to select the colour of the steering wheel buttons whilst in menus and out of game. By default, Daniel Newman Racing Theme is selected, which provides a red, white & blue colour scheme.

Wheel Game Colour

Daniel Newman Racing / Lovely Dashboard (Default) / Red / Blue / Green / Yellow / Orange / Purple / Pink / White / Arctic / Sunset / Rainbow / Citrus / Tokyo / Gulf Oil Theme

This setting allows you to select the colour of the Wheel Buttons when SimHub is launched and the game IS launched. 16 colour options exist to allow you to match your Wheel Buttons to your taste, pairing with the theming of your rig, or integrating the colours with other SimHub compatible devices running DNR LED profiles (Button Boxes for instance).

Wheel Game Colour

Lovely Dashboard Theme (Default) 

This setting allows you to select the colour of the steering wheel buttons whilst inside a Sim or game session. By default, Lovely Dashboard Theme is selected, which provides a colour scheme that pairs with the Lovely Dashboard.

Pit Limiter ON (Default) / OFF

This setting allows you to turn ON/OFF the traditional blue and white Speed/Pit Limiter animation.

Wheel Pit Limiter

ON

OFF

Turn ON/OFF an animation showing when the cars speed limit is activated on your steering wheel.

Wheel Spotters ON (Default) / OFF

This setting allows you to turn ON/OFF in game Spotter animations telling you whether there are cars to your left or your right on your Wheel Buttons. Typically these flash the left or right set of buttons when a car is in your proximity

Wheel Spotters

ON

OFF

Turn ON/OFF left and right spotter animations on your steering wheel.

Wheel Flags ON (Default) / OFF

This setting allows you to turn ON/OFF in game Flag animations on your Wheel Buttons. Typically a flag will illuminate all buttons on the wheel in the colour of the flag.

Wheel Flags

ON

OFF

Turn ON/OFF flag animations on your steering wheel.

Wheel Redline Flash ON (Default) / OFF

This setting allows you to turn ON/OFF in game animation that flashes all the buttons on your wheel when the car hits redline and its time to change gear. Typically this is more useful for users who do not have a DDU or dashboard of any kind.

Wheel Redline Flash

ON

OFF

Turn ON/OFF an RPMS redline flashing animation on your steering wheel.

Wheel Engine Engine Start ON (Default) / OFF

This setting allows you to turn ON/OFF a white 'needle sweep' effect that signals an engine start on the Wheel Buttons.

Wheel Engine Startup Animation

ON

OFF

Turn ON/OFF left an animation on your steering wheel that performs a 'needle sweep' when the cars engine turns on.

True Dark Mode - Lovely Dashboard Behaviour

On (Default) / OFF

This setting allows you to mimic the behaviour of the Lovely Dashboard Settings file for those who use it as far as True Dark Mode is concerned. Turning it ON will automatically take the ON/OFF True Dark Mode state from the Lovely Dashboard settings file. It will also copy and match the corresponding True Dark Mode colour state from the Lovely Dashboard mirroring it on your LEDs also.

TDM Lovely Dashboard Behaviour

ON

OFF

Where users of the Daniel Newman Racing LED profiles also have the Lovely Dashboard with settings file installed, copying the Lovely Dashboard True Dark Mode behaviour above, will automatically take the ON/OFF True Dark Mode state from the Lovely Dashboard settings file. It will also copy and match the corresponding True Dark Mode colour state from the Lovely Dashboard mirroring it on your LEDs also.

True Dark Mode

On (Default) / OFF

This setting will enable or disable the use of True Dark Mode for users who do not have the Lovely Dashboard installed.

TDM

ON

OFF

This setting will enable or disable the use of True Dark Mode for users who do not have the Lovely Dashboard installed.

TDM Colour

Red (Default) / Blue / Purple / Orange

This setting will allow you to change the colour of True Dark Mode used when activated between one of 4 colours listed above.

TDM Colour

Red

This setting will select the colour of True Dark Mode LEDs for users who do not have the Lovely Dashboard installed and thus are missing that settings file OR for when copying the Lovely Dashboard behaviour has been disabled.

TDM Hotkey

User Configurable

This setting will allow you to set the hotkey used to activate True Dark Mode for where the Lovely Dashboard settings file is not present or detected. It will also allow you to turn on True Dark Mode independently if you wish to do so.

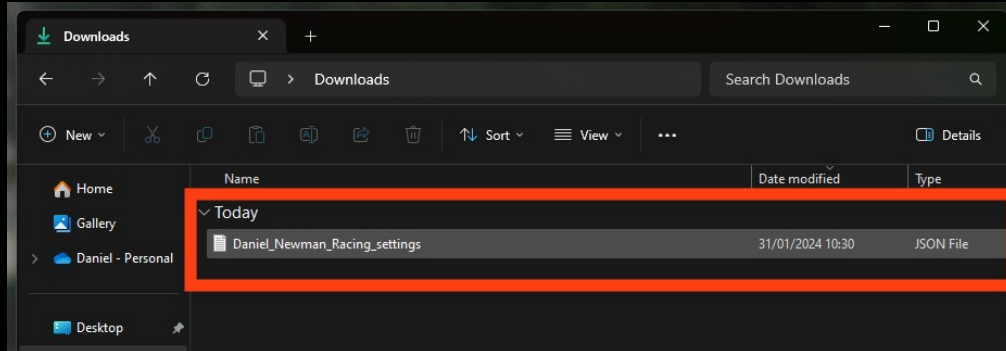
TDM Hotkey

Alt+Shift+D

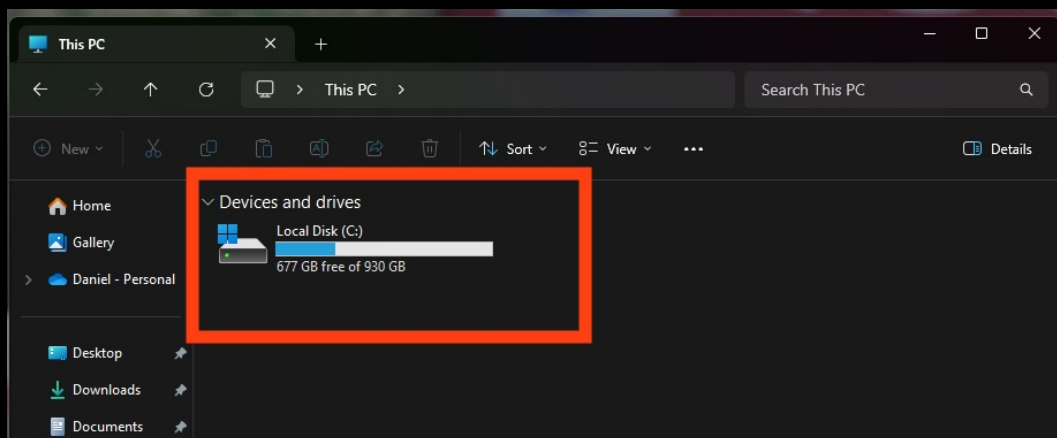
Put any hotkey here to be able to switch to TDM - This LED profile will automatically connect to the Lovely Dashboard settings file (if present) and mirror the True Dark Mode hotkey used by the Lovely Dashboard. For Users who do not have the Lovely Dashboard installed, this setting instead allows you to set your own independent hot key to turn on True Dark Mode.

Step 3 - Upload Your Preferences

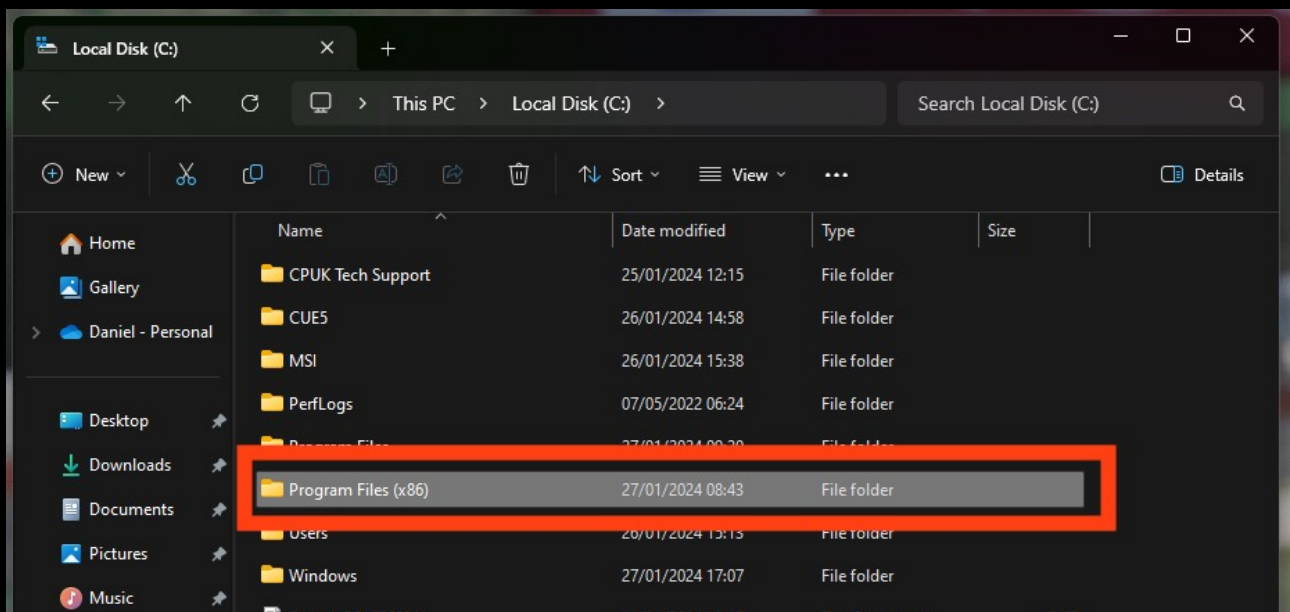
Once you have chosen your optimum settings in the Daniel Newman Racing configurator via the website, you can then press 'Download File' at the bottom of the page. A new file will then be saved to your computers designated download space and be named 'Daniel_Newman_Racing_settings.json'



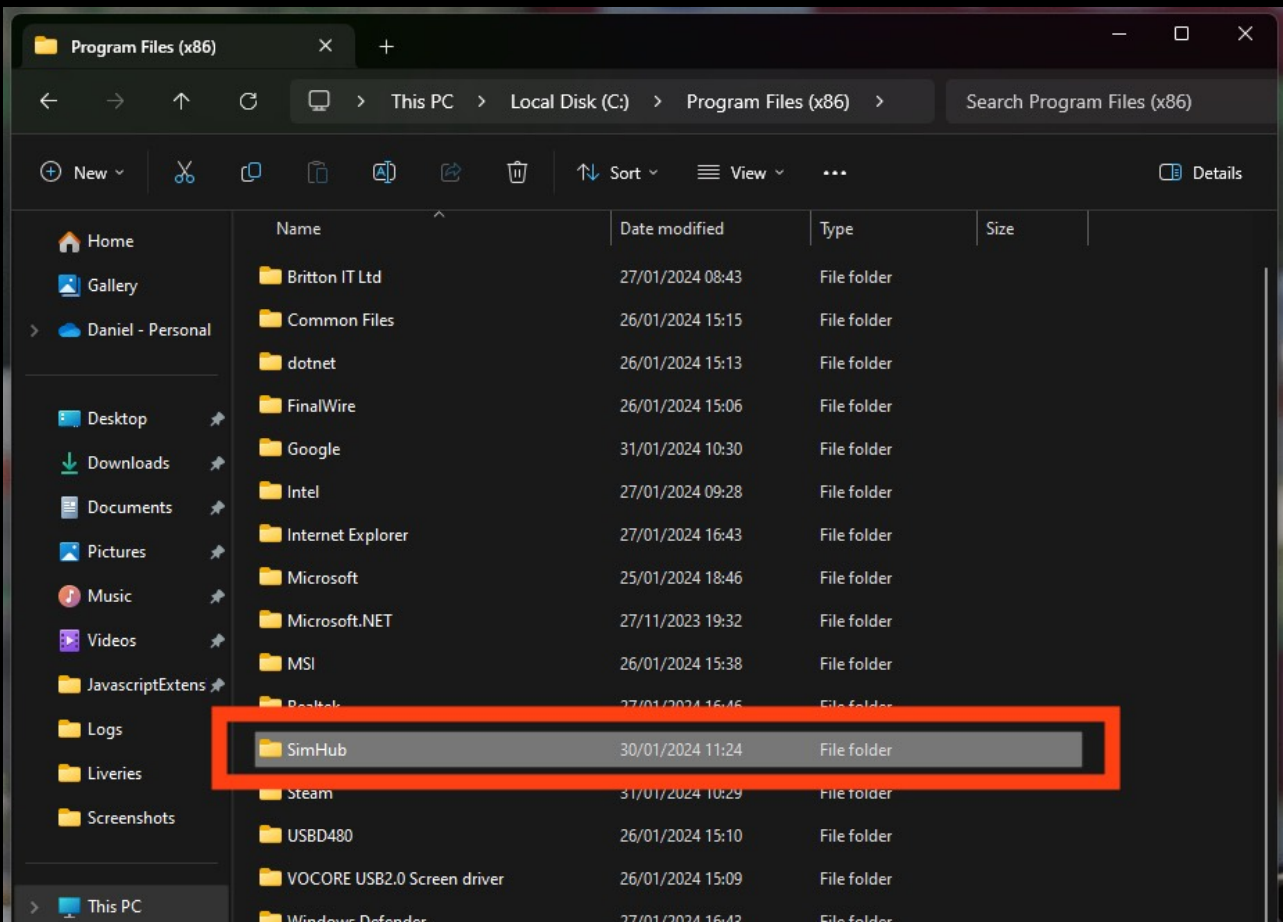
The file now needs copying to the SimHub JavascriptExtensions folder. Locate your PC's main C: Drive



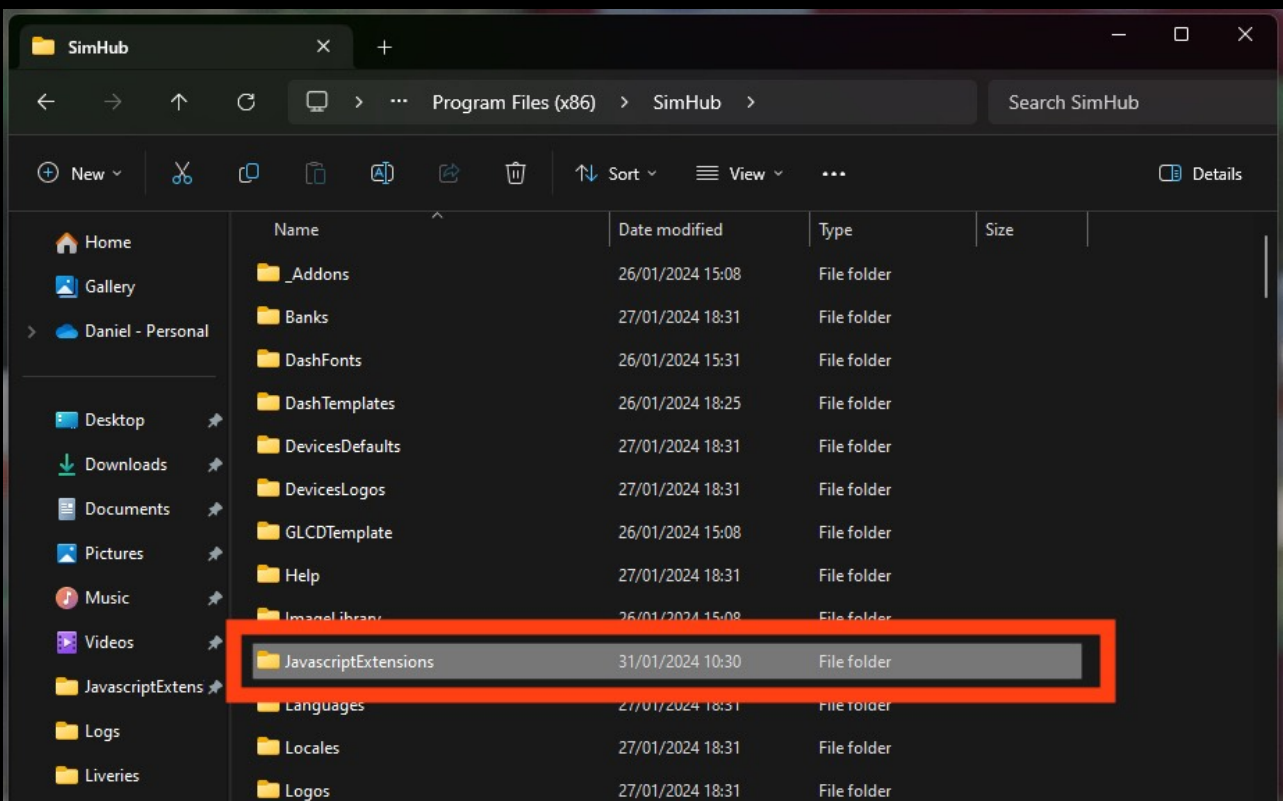
Enter the Programme Files section (x86)



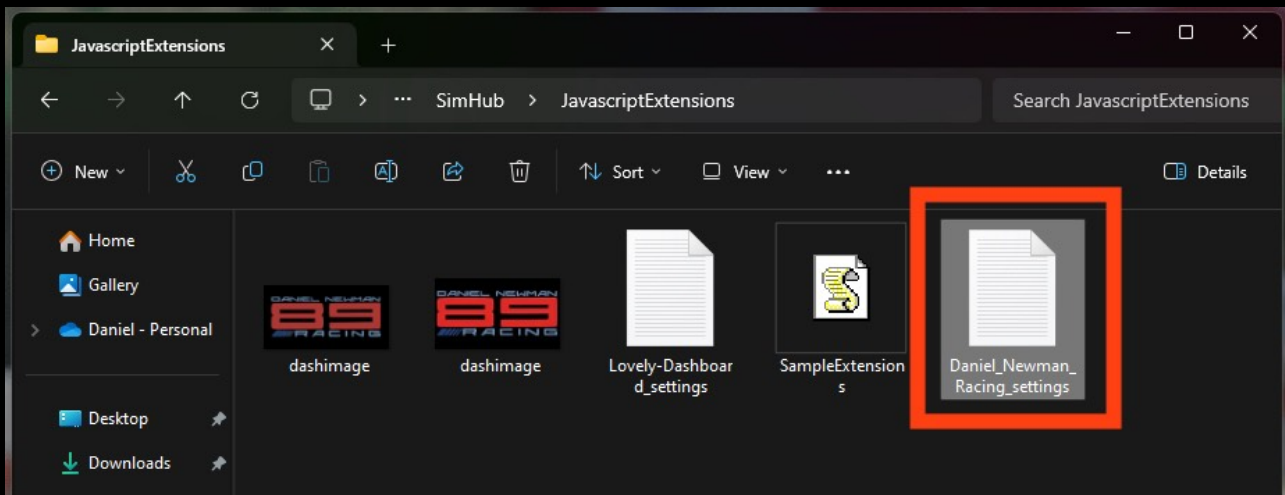
When in the Programme Files folder, locate the SimHub folder



Then locate the JavascriptExtensions folder



Now copy and paste (or move), your Daniel_Newman_Racing_settings.json file into this folder



Your JSON 'settings file' is now copied to its correct location. In order for the changes to take effect you will need to restart SimHub by ensuring the application is CLOSED, and then reopened.

For any further issues and troubleshooting you can contact Daniel Newman Racing via the website (<https://www.danielnewmanracing.com>) or via email at daniel@danielnewmanracing.com

Alternatively you could join the excellent Discord Community, where somebody will be able to assist you: <https://discord.gg/GAXEGnZawS>

If you like the work created by Daniel Newman Racing, you can also become a member of contribute towards the ongoing development here: <https://www.ko-fi.com/danielnewmanracing>