



V-RSPG PRO

Vers. 2k23

USER GUIDE
V2.0

Our mission is to create top tier sim racing products to provide the ultimate motorsports experience in your simulator

Before you start please read the manual carefully before you use the steering wheel.

Any modifications, tampering, changes or unauthorized uses of the product will void the warranty.

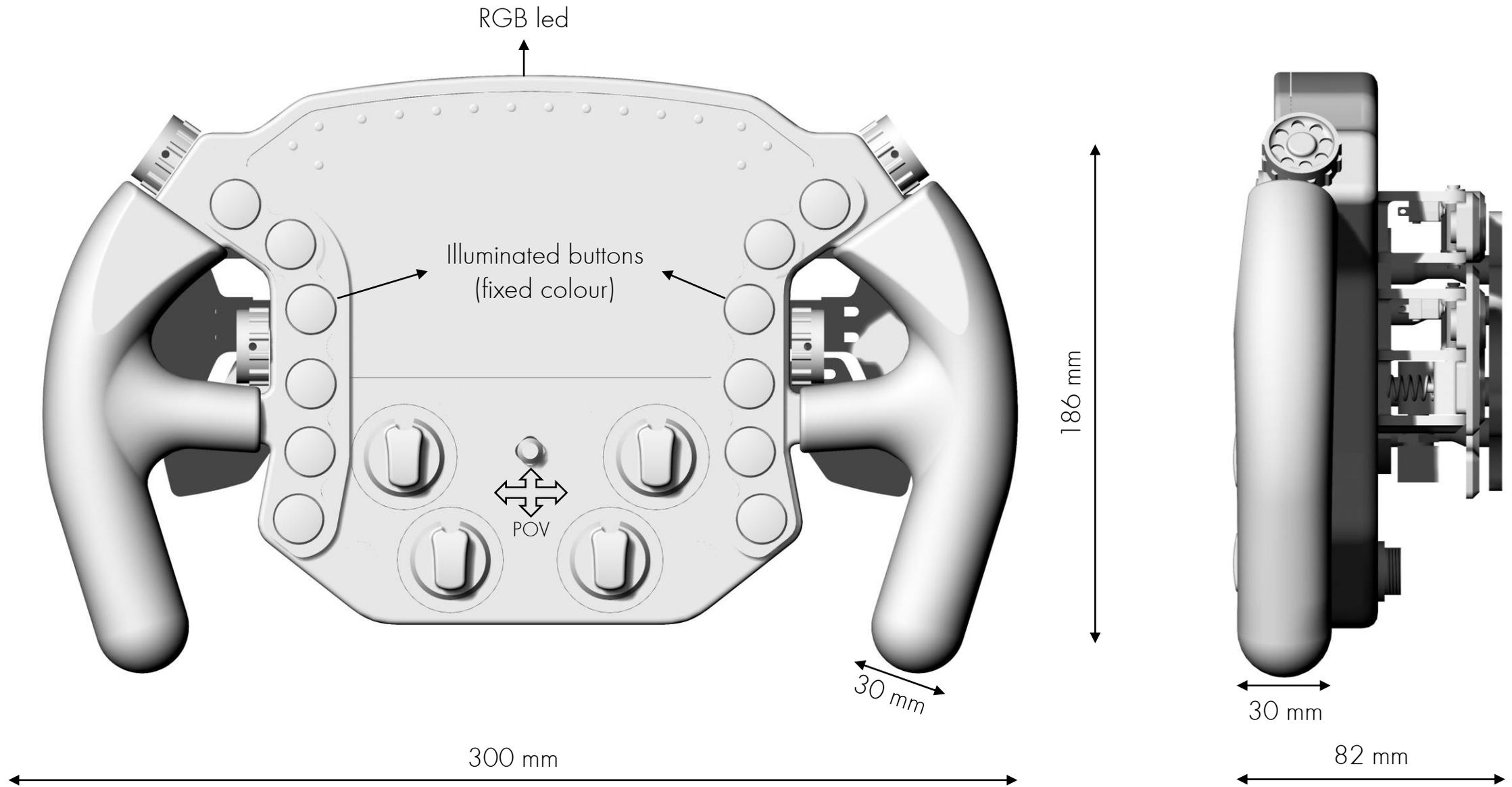




What you will find in the box

- V-RSPG.V3 Steering Wheel
- 1.5m USB Coiled Cable
- 12x UV printed switch button caps
- 6x Nylon Isulator (Fanatec bases are subjected by EMI interference)
- 1x Nylon Gasket - Base side
- Welcome Pack Flyer with Download Access Area on the website

1. Interface Introduction

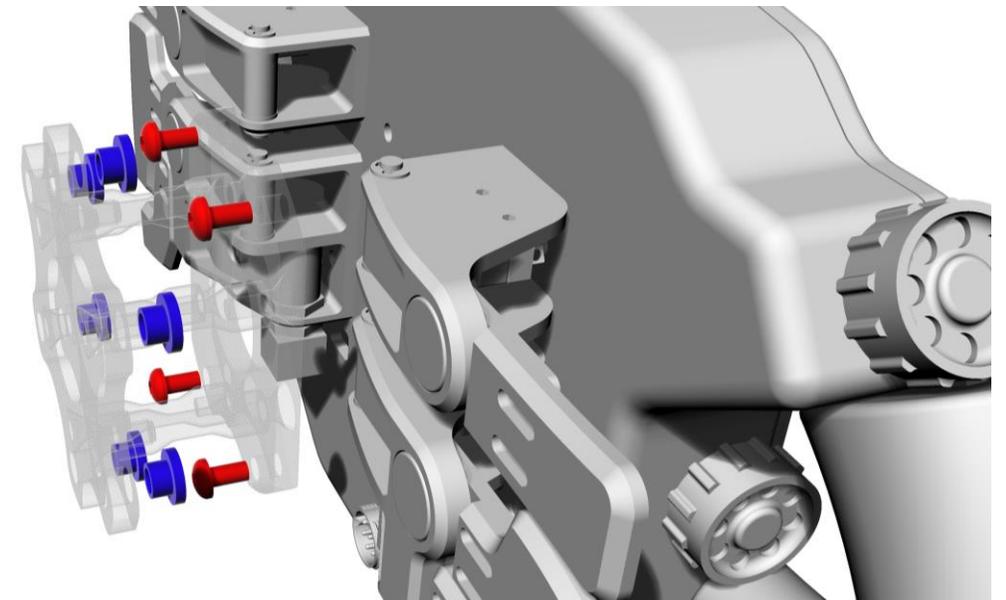
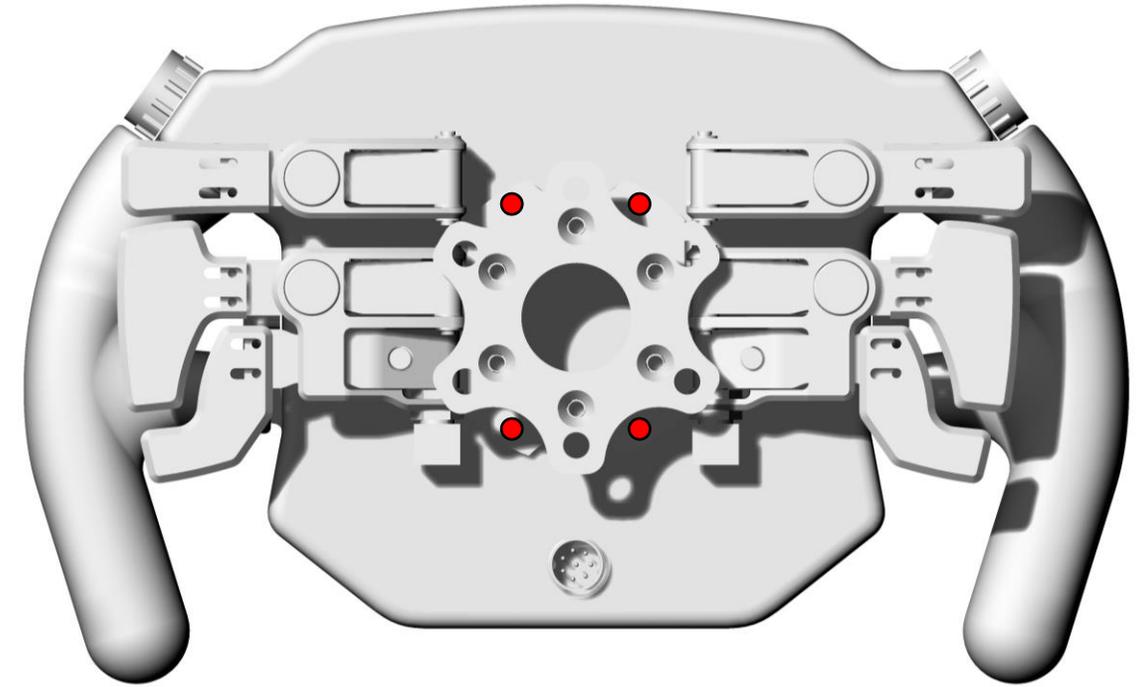


2. Wheel Installation

Holes on the wheel-hub are on a 70mm diameter and therefore the hub is compatible with all the commercial quick release available on the market.

The HUB should be bolted to the quick release by using the nylon gasket, the (6) [nylon isolator](#) and (4) [M5 bolts](#) and nuts (Bolts and nuts are not included).

- Remove the hub from the back of the wheel by unscrewing the (4) [M5 bolts](#) on the back of the wheel.
- Insert the (6) [nylon isolator](#) into the (6) holes on the carbon fiber plate(baseside)
- Insert the nylon gasket between the HUB and the QR
- Insert the (6) M5 bolts through the [nylon isolator](#) and bolt the QR to the HUB
- Bolt the HUB+QR to the wheel by using the (4) [M5 bolts](#)



3. Wheel Connection (read it carefully)

The wheel should be connected to the PC using the provided USB coiled cable only.

Do not use any third party USB cable as it could damage the wheel and it will **invalidate** the warranty.

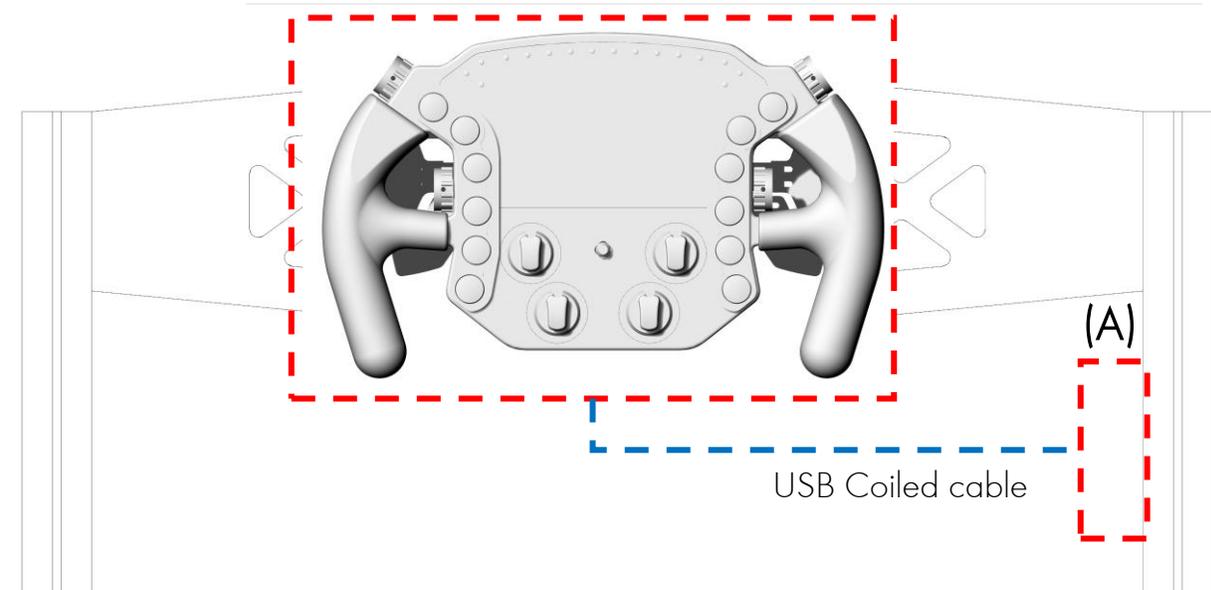
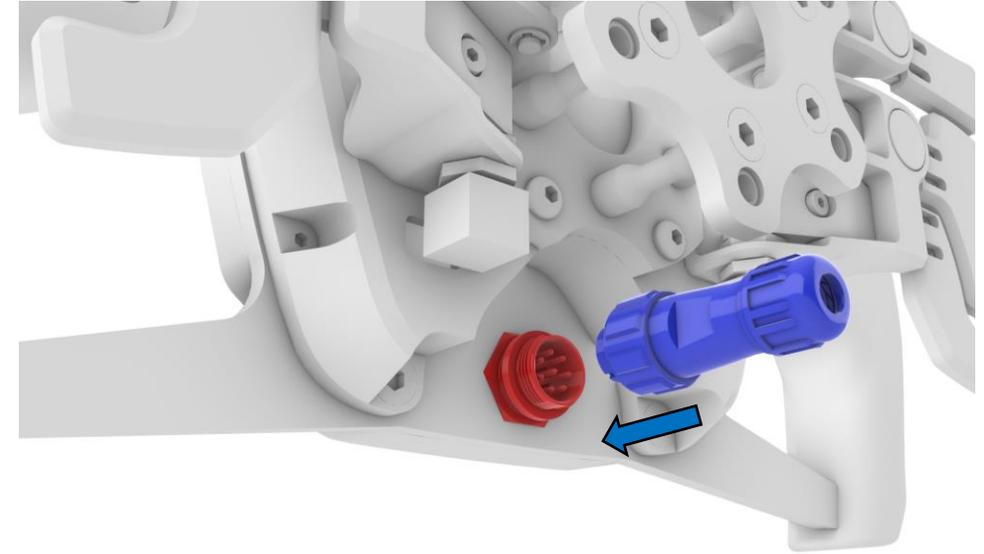
VPG Sim won't be responsible for any damage caused to the wheel due to the use of an incorrect USB cable.

The wheel should be connected to the PC using one of the following options:

- Connection of the USB cable to a powered USB HUB 2.0 or 3.0 (A)
- Connection of the USB cable using an high-quality usb extension (max length 1m) directly to the PC (Only if this configuration doesn't stress the cable)

VPG Sim doesn't recommend connecting the USB cable directly to the PC as this would tension the cable and damage it.

If the wheel USB is connected to an non-powered USB HUB the LEDs can't brightness cant be set higher than 50%.



4. VPG Wheel Configurator

V-RSPG.V3 is fully compatible with the latest version of Simhub.

You can download the **latest version** on the official Simhub [HERE!](#)

Download the VPG device file from the link [HERE!](#)

Open Simhub and select the Devices tab on the left menu.

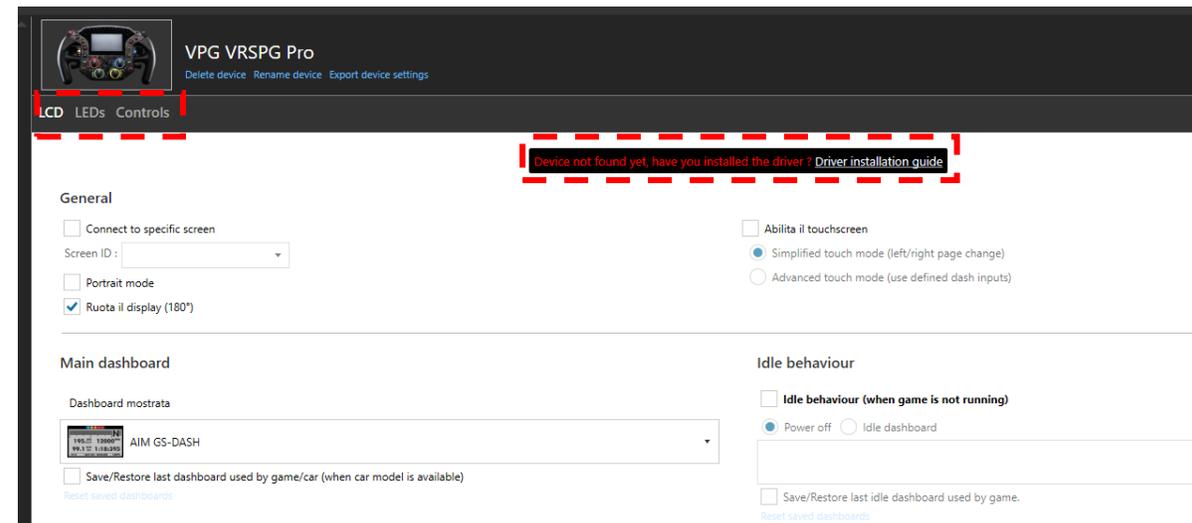
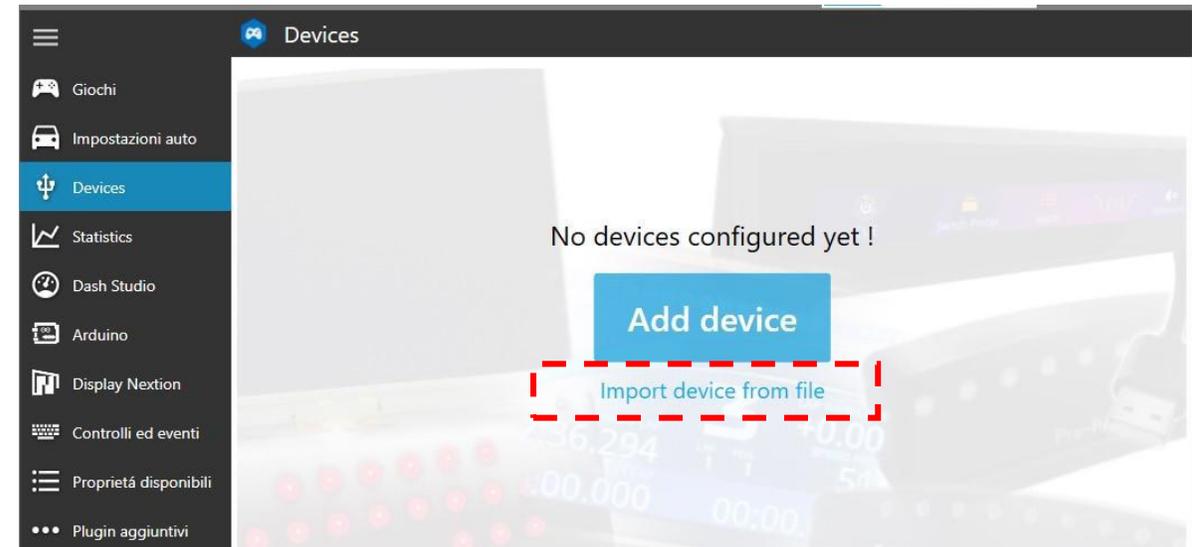
Click on **Import Device from file** and select the file previously downloaded.

NOTE: If requested, please download the screen driver by clicking on "Driver installation guide". Download the driver for VoCore screen and follow the installation steps.

We want your experience to be as smooth as possible so we've already loaded a standard profile with plenty of effect assigned to the V-RSPG Lighting system but you can customize everything as per your needs.

You will find on top of the window:

- **LCD** - Setting for the screen of the wheel as dashboard, Power off,etc... we suggest you to go to Racedepartment.com and download custom dashboard designed by the community to work with the screen (VoCore 4.3)
- **LEDs** - Setting for LED profile. Have a look at this link [HERE!](#) to see how to customize the profile
- **Controls** - Setting command for the dash as Previous/Next page, skip on a new dash,etc...



4_1. LED interface

The V-RSPG led system has 16 individually controlled RGB LEDs, (2) groups of illuminated buttons (the 2 bottom leds works as one, so 5 individual illuminated buttons per side) and 4 individually controlled RGB Rotary Backlit for a total of 30 LEDs. See below LEDs enumeration to be used in Simhub LEDs profile.

- Left: Button LEDs group. Top one 1, 2 bottom ones 5. NOT RGB
- LED 1 - 16: top rpm bar (RGB)
- LED 7 - 10: RGB Rotary Backlit
- Right: Button LEDs group. Top one 11, 2 bottom ones 15. NOT RGB

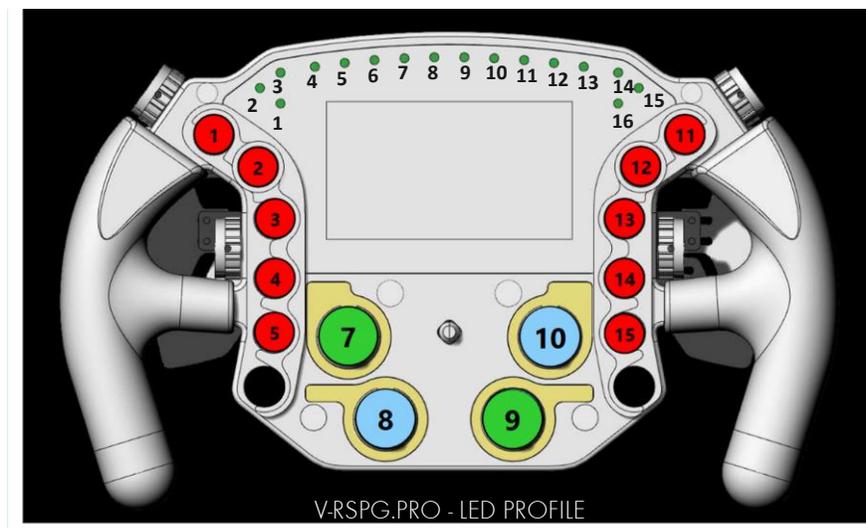
The wheel is supplied with a std profile as per the table on the right.

The profile will be switched in 2 ones into Simhub:

- RPM Top Bar (RGB)
- Illuminated buttons left and right (NOT RGB, fixed colour) and RGB Rotary

The LEDs profile can be totally customised or you can create your own profile as per your need and also adding new filter as TC,ABS,etc....

Please visit [SIMHUB/Editor Guide](#) and discover how to create your own profile



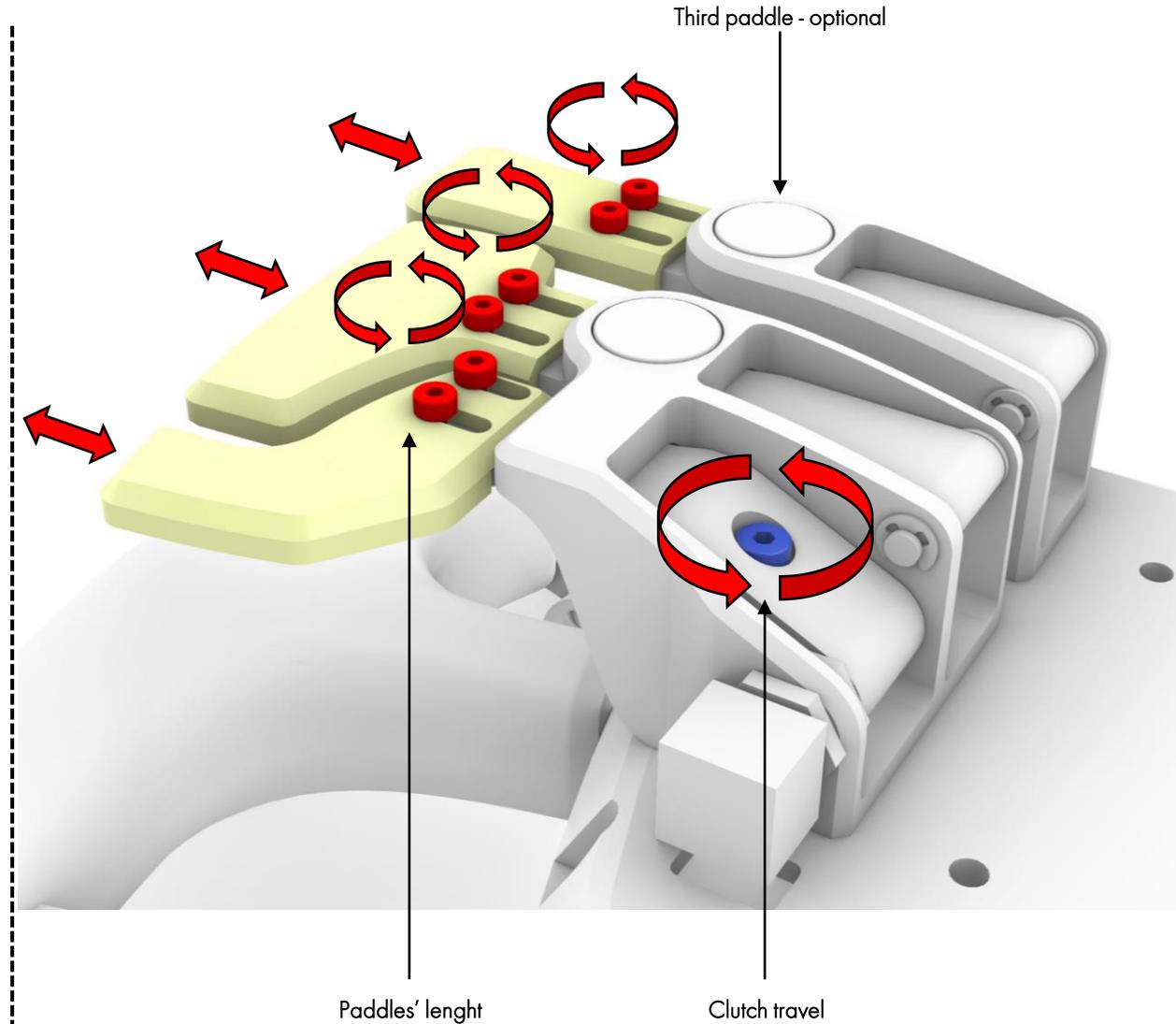
FILTER	LED 1-3 RGB	LED 4-13 RGB	LED 14 - 16 RGB	Left Group FIXED COLOUR	Rotary 7 - 10 RGB	Right Group FIXED COLOUR
RPM redline		Blinking		A1 Blinking		B11 Blinking
PIT LIMITER	Blinking Blue and Red					
SPOTTER LEFT				Blinking		
SPOTTER RIGHT						Blinking
FUEL ALERT					Blinking	
DR AVAILABLES				A2 Blinking		
BLUE F	Blinking		Blinking			
YELLOW F	Blinking		Blinking			
GREEN F	Blinking		Blinking			
WHITE F	Blinking		Blinking			
BLACK F	Blinking		Blinking			
DELTA						Red to Green Colour
ABS activation						7 - 8 Blinking
TC Activation						9 - 10 Blinking

5. Adjustable shifter paddles and clutch travel

Shifter paddles distance can be easily adjusted to better suit your hand size and driving preferences:

- Length can be adjusted by slightly loosening the two screws highlighted in red, and sliding forward/backwards the carbon paddle.
- Clutches travel can be adjusted using the blue highlighted screw. Clockwise turns will reduce the clutched travel. Anit-clockwise turns will increase the clutches travel

Once the travels are as per your needs, you will have to re-calibrate the clutches by entering the `conf_mode` explained on the next page



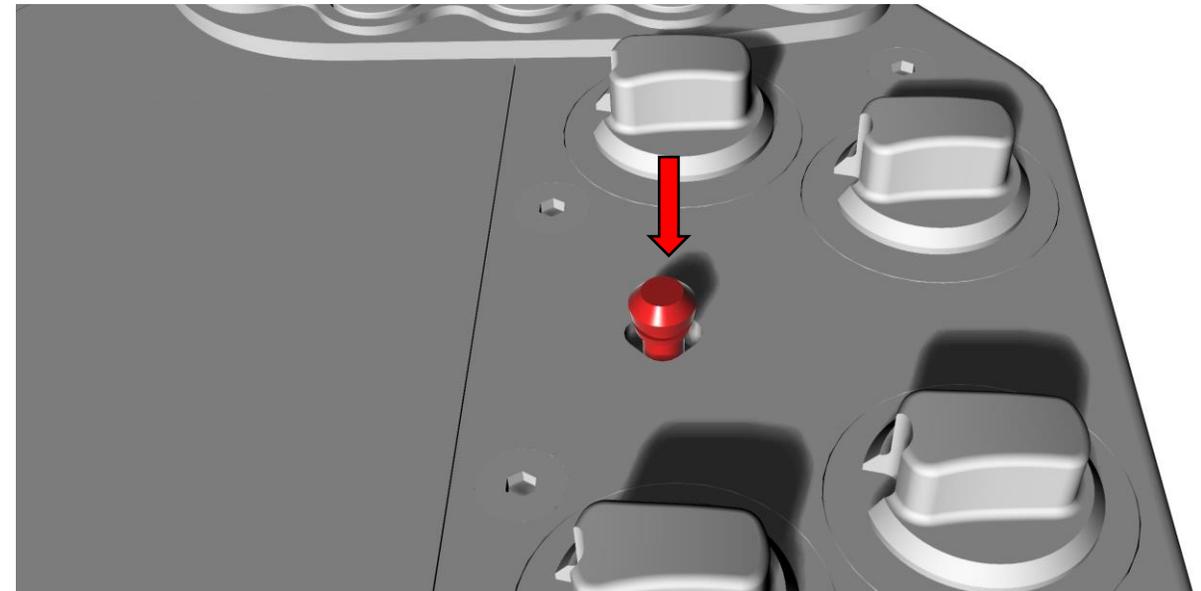
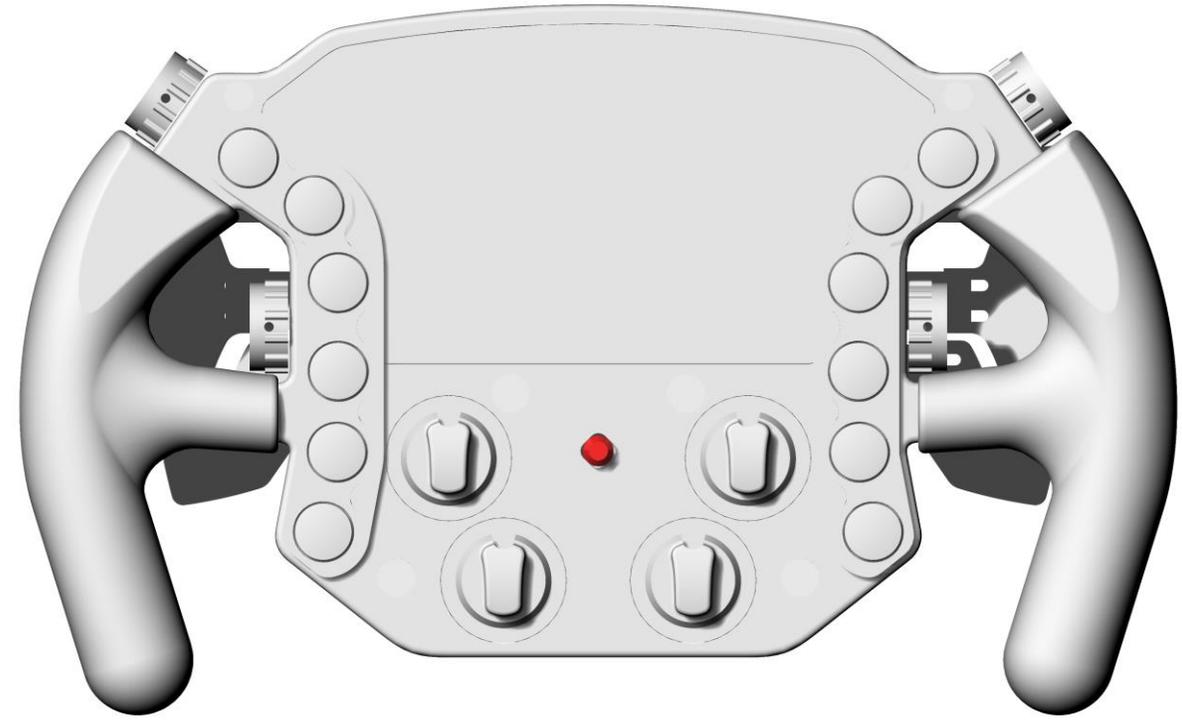
6. Configurator mode

The Configurator Mode allows you to calibrate the clutches and setting the clutch bite point without any third party software.

Please be sure to close Simhub (also in background) if you have to re-calibrate the clutches or you will not be able to save the modifications.

If you are in Configurator Mode just for change the bite point, it's not necessary close it

You can access the Configurator Mode by holding the **funky switch** for 5 second



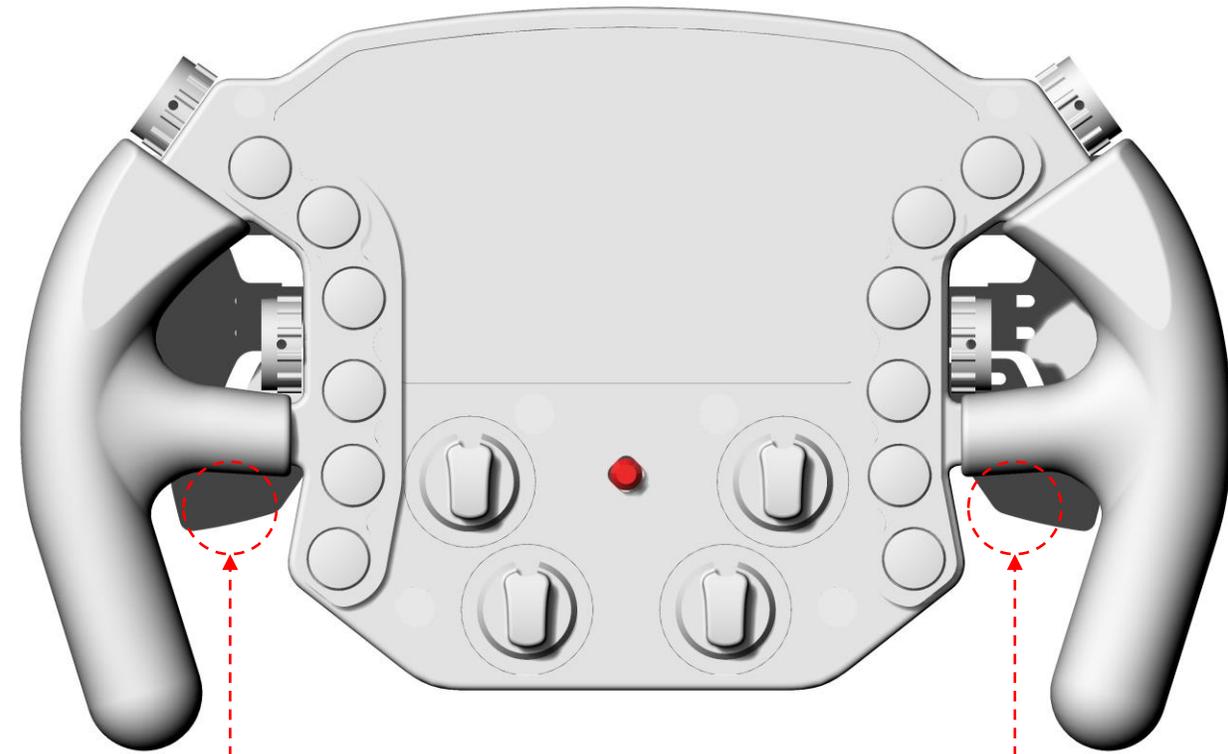
6_1. Clutch system

Double Clutch system works as per below:

- If the **LEFT** clutch is engaged first the game will detect the double clutch system as single clutch. Left clutch will fulfil the full in-game clutch axis (0-100%)
- If the **RIGHT** clutch is engaged first the wheel will automatically enter into launch control mode and the game will detect the double clutch system as dual clutches. Right clutch will fulfil the clutch axis from 0 to bite point (i.e.50%) and the left clutch will fulfil the in-game clutch axis from bite point to 100% (i.e.50%to100%).

Launch mode is explained below assuming you are using 50% bite point setting:

1. Fully engage the right clutch - in-game clutch will be 50% engaged (or the bite point if different than 50%)
2. Fully engage the left clutch - in-game clutch will be fully engaged
3. Select first gear
4. Put on some revs and wait for the lights to go out
5. As the lights go out, leave the right clutch - in-game clutch will go to the selected biting point
6. Slowly release the left clutch to avoid wheel spin



LEFT CLUTCH:
- 0% to 100%
or
- Dual Clutches mode

RIGHT CLUTCH:
- Dual Clutches mode only

6_2. Clutch Calibration

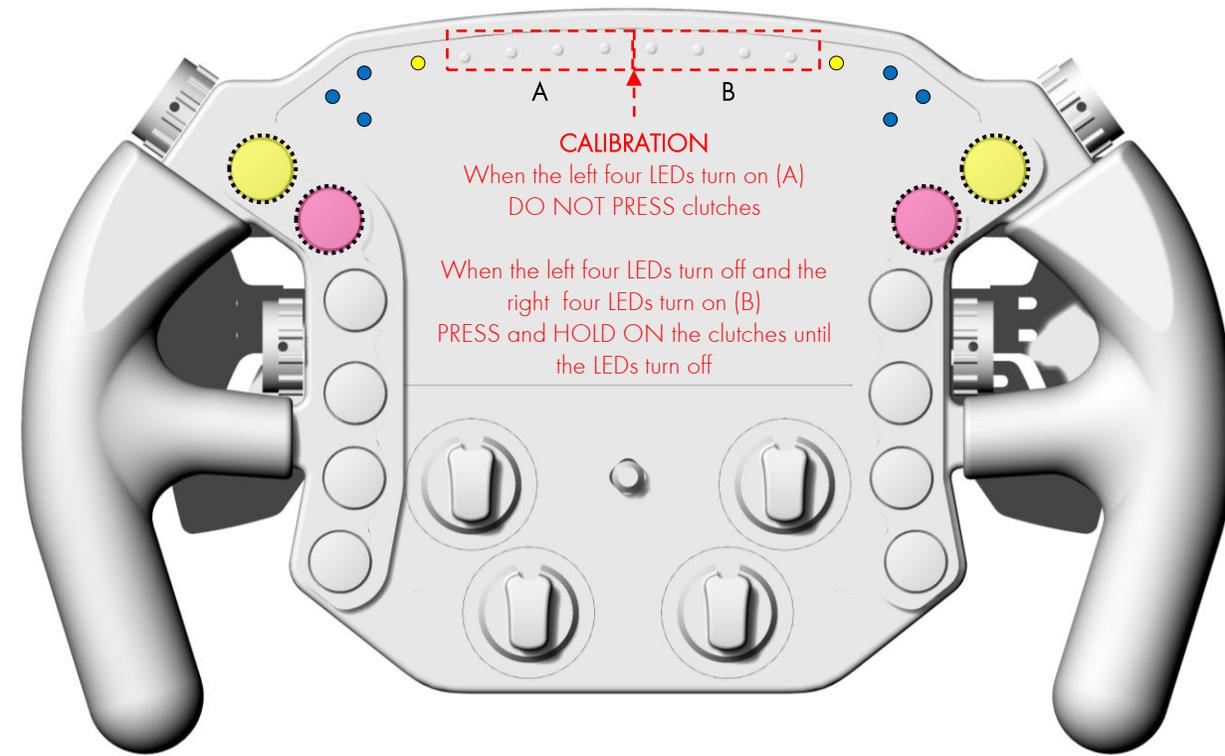
Enter in the Configurator Mode by holding the **funky switch** for 5 second

If you enter the Configurator Mode while Simhub is running, you will not be able to calibrate the clutches.

1. The three top side will light up in blue to indicate you are into configuration mode and the fourth side will light yellow when the configuration is not saved.
2. Push the (2) **purple** side tactile buttons simultaneously to start calibration.
3. The four (**A**) LEDs on ther left will light up for 5 seconds.
DO NOT PRESS clutches while the LEDs are turned on.
4. When the four left LEDs (**A**) turno off and the right four LEDs turn on (**B**) for 5 seconds **PRESS and HOLD ON** Clutches until the LEDs turn off
5. Now you have calibrated the clutches
6. Push the (2) **yellow** top side tactile buttons simultaneously to save the new setting and the fourth side LEDs while change from yellow to green to indicate the setting is saved

NOTE

If you also want to change the Bite Point, **DO NOT SAVE** (point 6) the settings but follow the guide on the next page



Calibration profile not saved - Fourth side Yellow colour

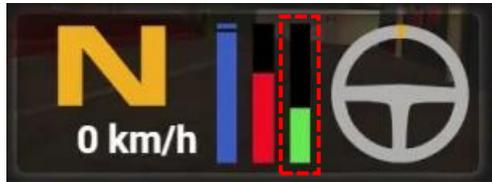


Calibration profile saved - Fourth side Green colour

6_3. Bite Point

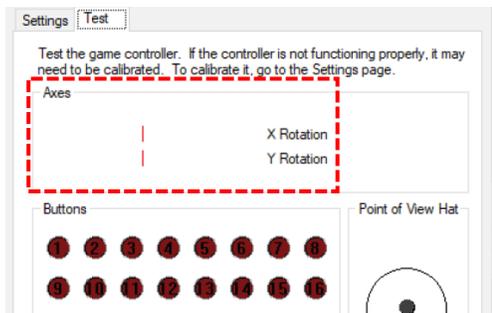
Enter in the Configurator Mode by holding the **funky switch** for 5 second

If you are in-game, you check with clutch bar (depends by your sim)



Example: iRacing

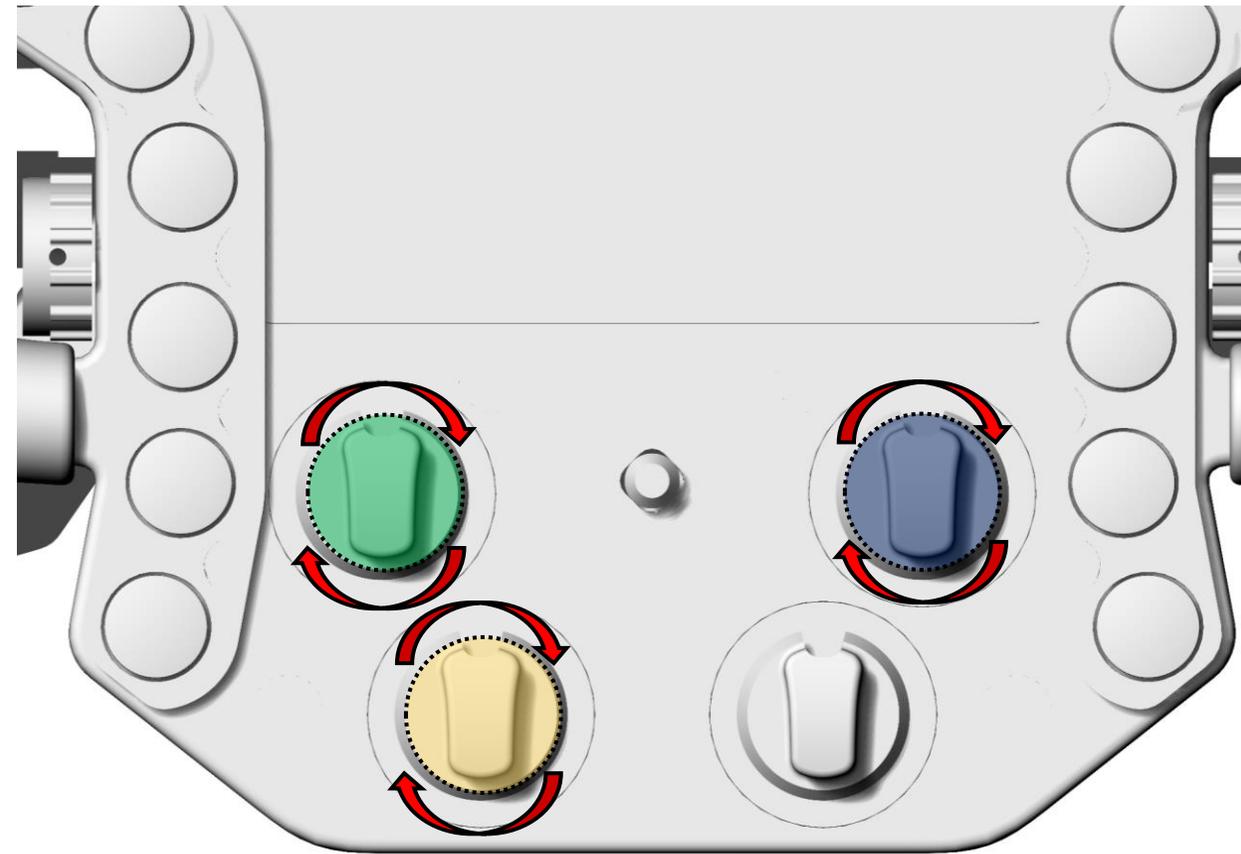
If you are not in-game, you can check it in Control Panel/Printer and Devices. Right click on "V-RSPG by VPG" and Configuration



Each knob control a specific % change of the bite point.

We suggest you to fully push the right clutch and turn the knob by one click each time to find your best setting.

When you set the bite point, you can save the setting pushing the (2) **yellow** top side tactile buttons simultaneously as explained in the page before.



KNOB POSITION	VALUE - LEFT OR RIGHT
TOP LEFT	10% per click
BOTTOM LEFT	5% per click
TOP RIGHT	1% per click



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