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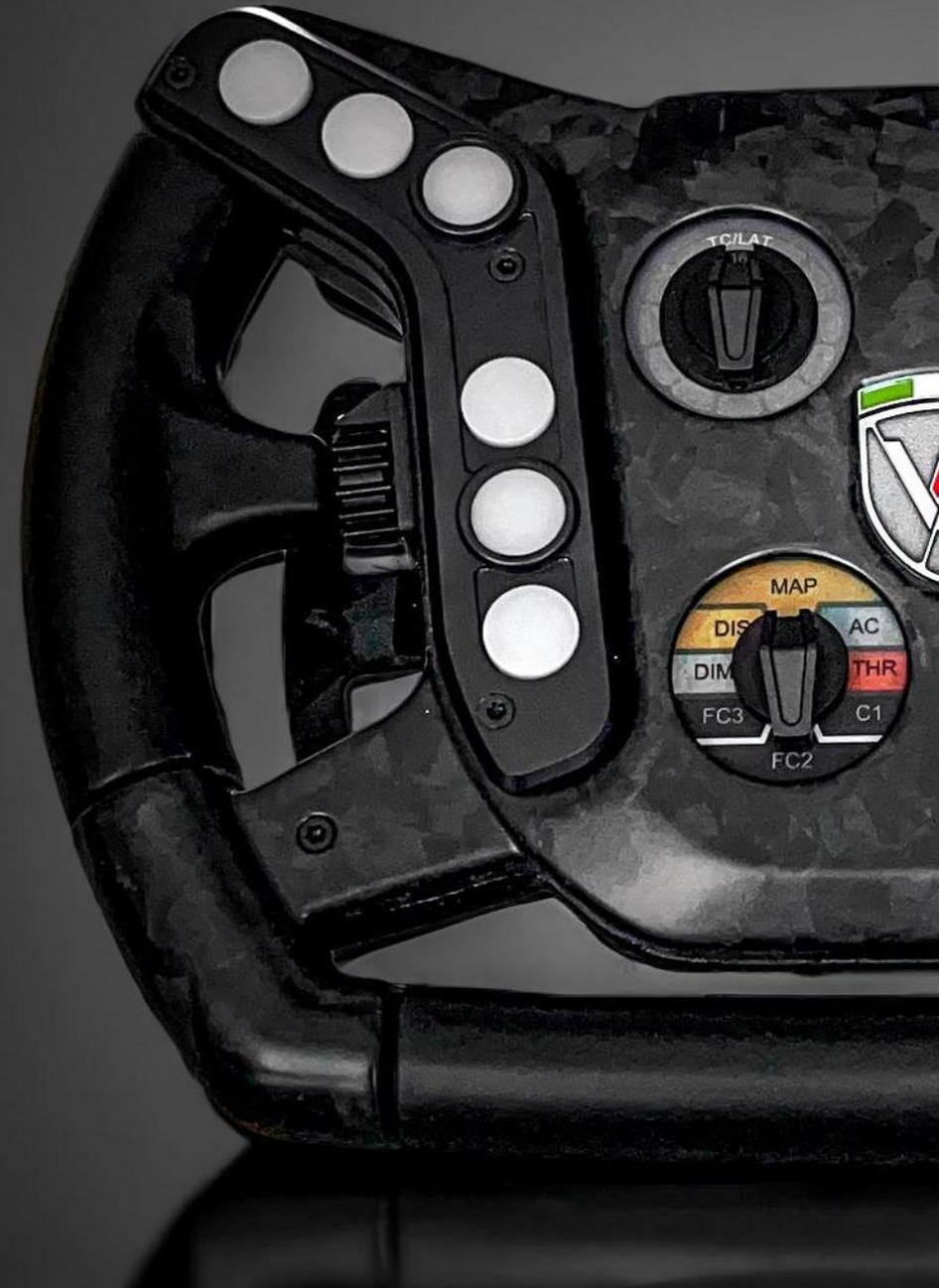
Our mission is to create top-tier sim racing products to provide the ultimate motorsports experience in your simulator

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.
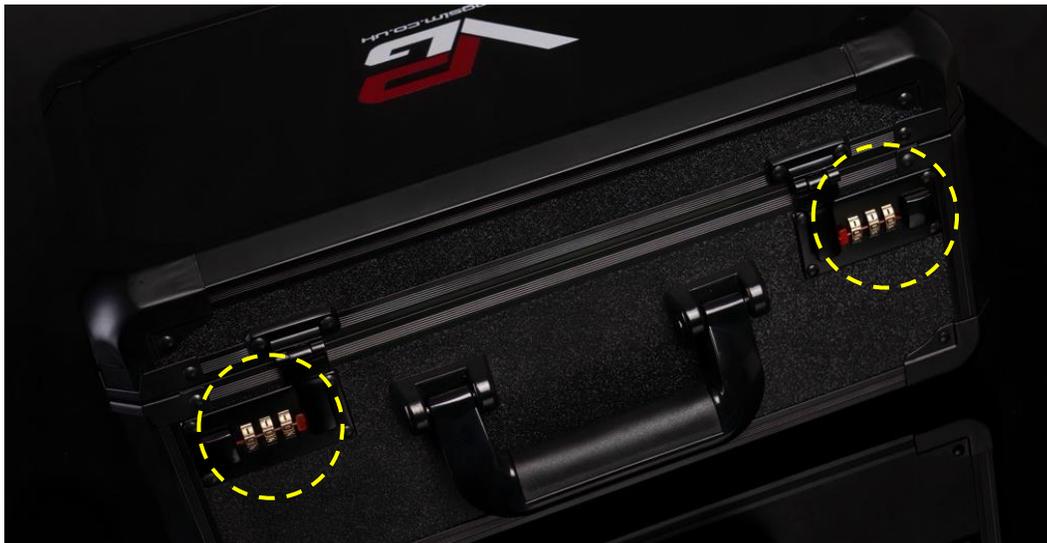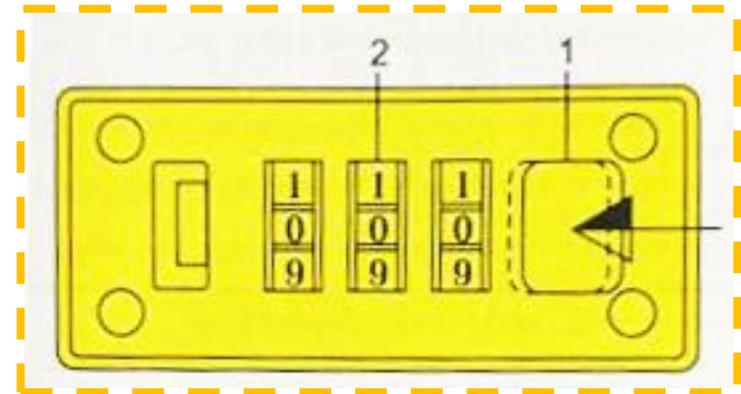
What you will find in the box

- (1) V-PGT Steering Wheel

- (1) 1.5m USB Coiled Cable

- (1) Polycarbonate label sheet (60 labels)

- (1) set of 12 epoxy domed stickers

- (6) Nylon Insulator

- (1) Black VPG crest

- (1) Silver VPG crest

- Welcome Flyer with the password for the Download Area of our website

- VPG wheel HUB and 70mm PCD adaptor (sold separately)
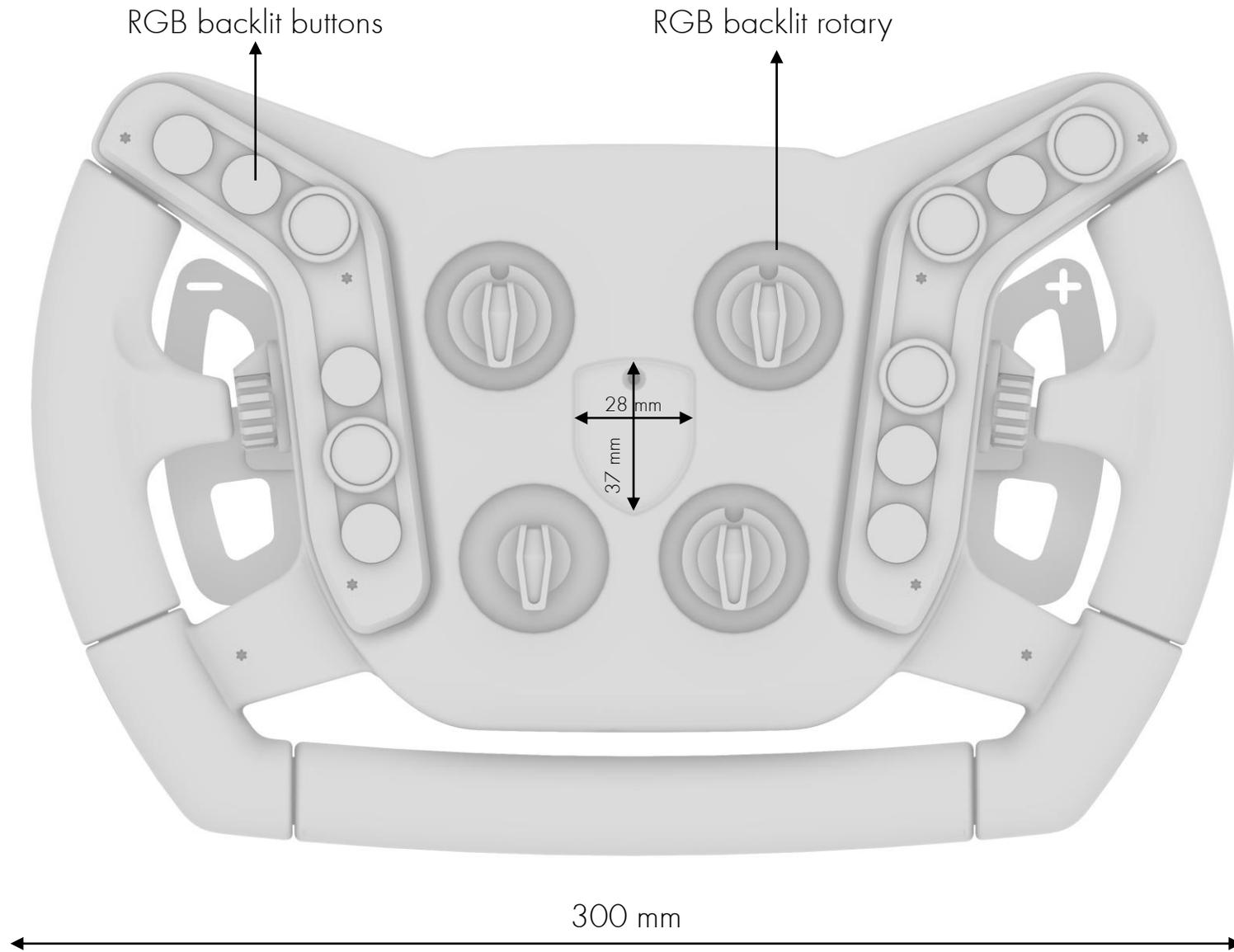
Rigid Case

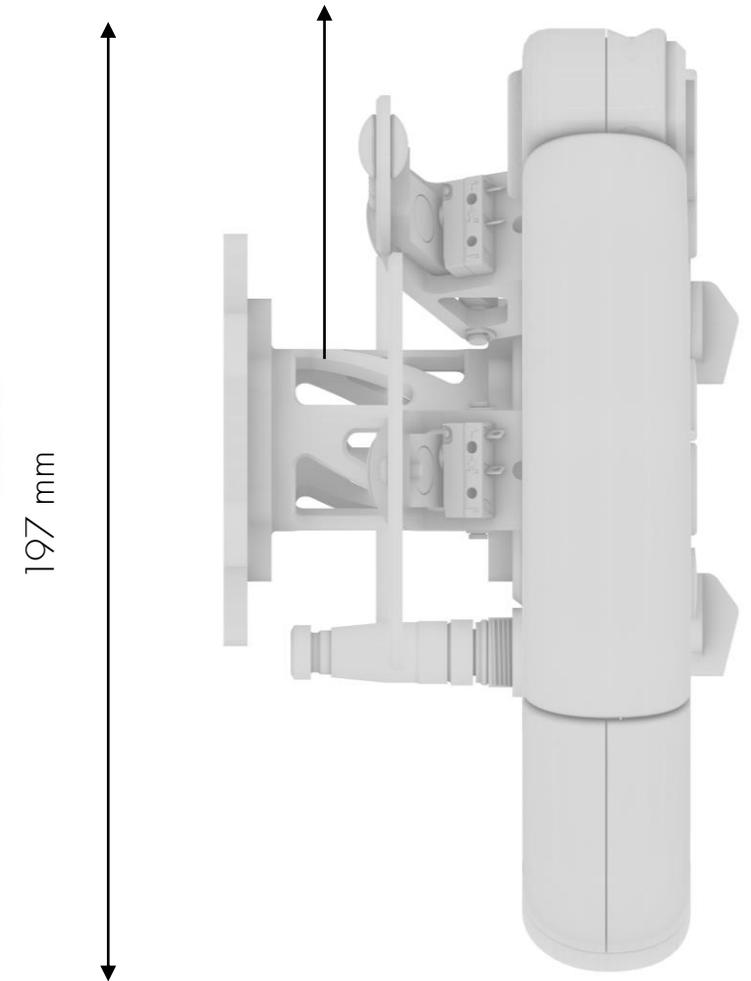## DIRECTION FOR SETTING COMBINATION LOCKS

1. With the lock open, push button (1) in the direction of the arrow below and hold down until the second operation has been performed.
2. Set number wheels (2) to the desired combination. DO NOT forget the combination you have set!
3. Now release button (1) and press it again as a check

1. Interface Introduction

RGB backlit buttons

RGB backlit rotary

28 mm

37 mm

197 mm
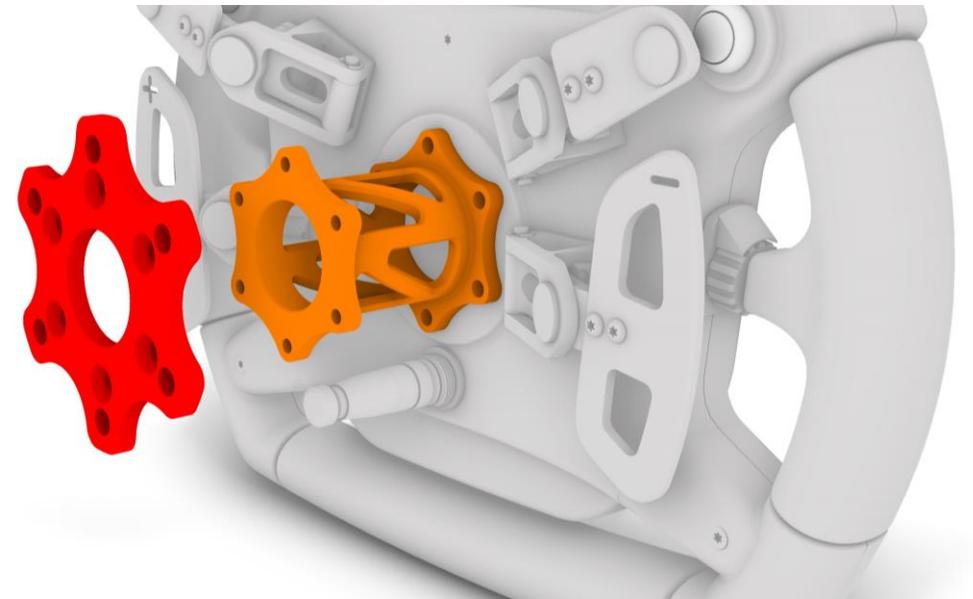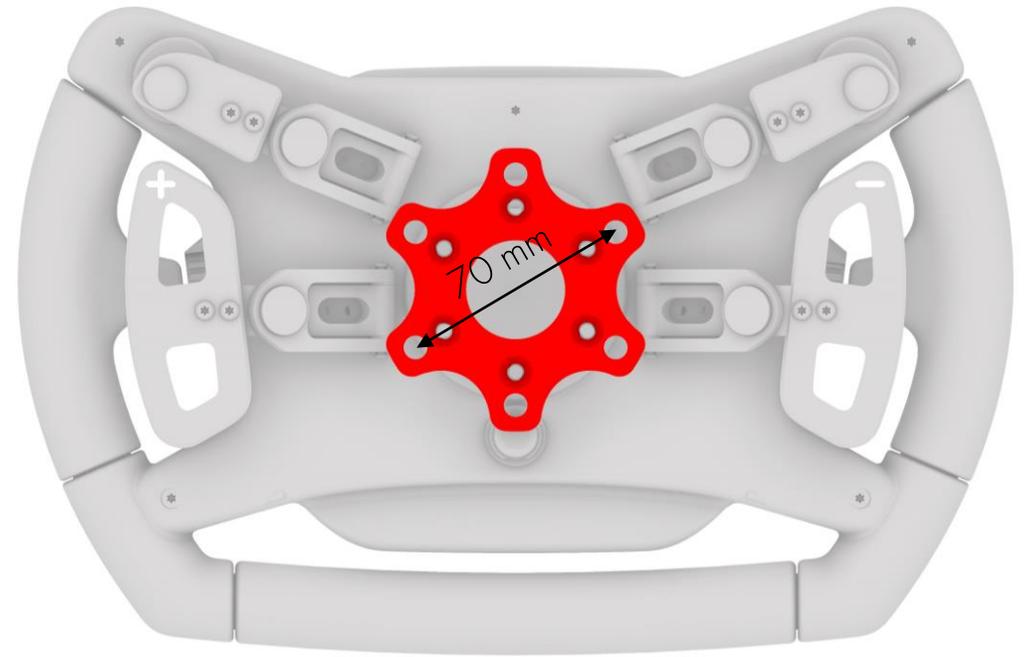
300 mm

2. Wheel Installation

The wheel has a 50mm PCD pattern, which is compatible with most commercial quick releases.

The wheel HUB with the adapter plate has a 70mm PCD pattern and is compatible with all the commercial quick releases available on the market.

The HUB and adapter plate are included for pre-orders only and can be purchased separately after the official release.

The total length of the HUB and plate is 60mm.

Please contact us if you have any questions, and we will assist you in choosing the best connection method.

3. Wheel Connection

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

We suggest to connect the USB cable before placing the HUB plate with the QR in order to not damaged the connector during the process.

Do not use any third party USB cable as it could damage the wheel and it will **invalidate** the warranty.
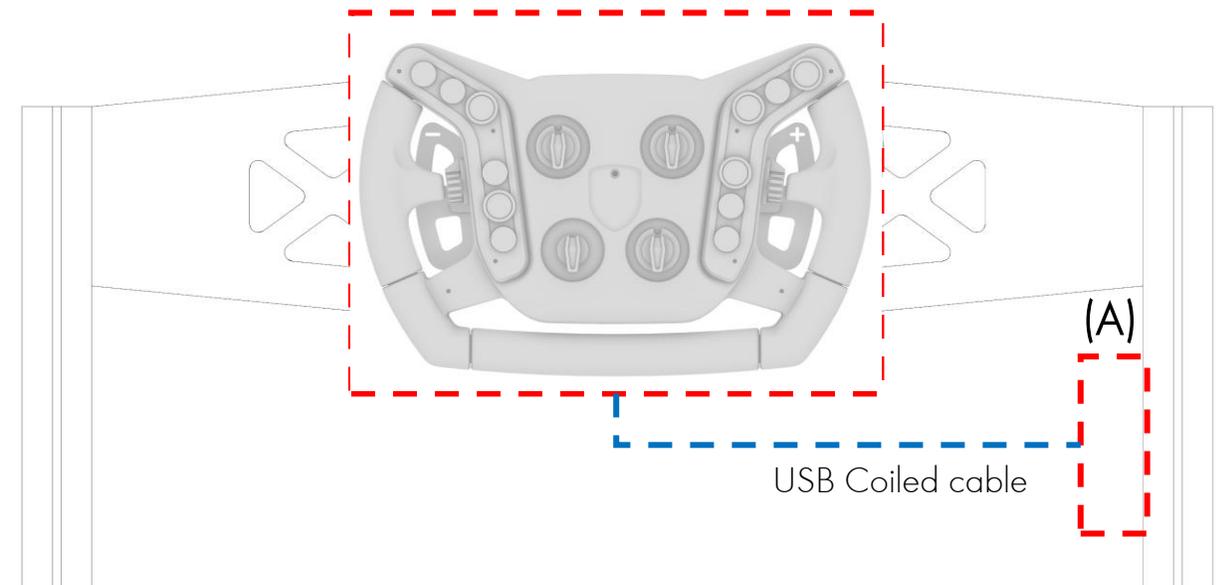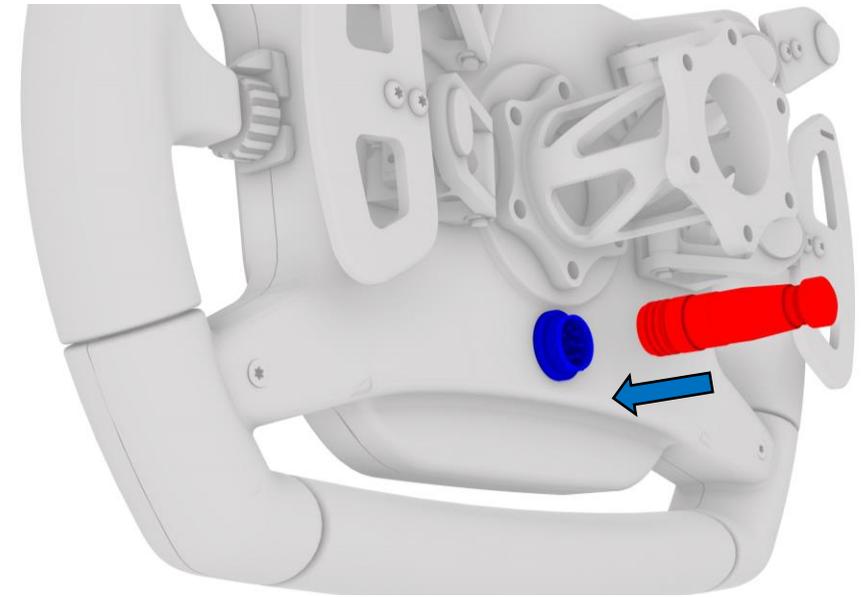
VPG Sim won't be responsible for any damage caused to the wheel due to the use of an incorrect USB cable.

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
- 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 a non-powered USB HUB the LEDs brightness cant be set higher than 50%.

(A)

USB Coiled cable

4. SimHub Configuration

V-PGT is fully compatible with the latest version of Simhub and it is listed in the Devices section under VPG Sim tab.

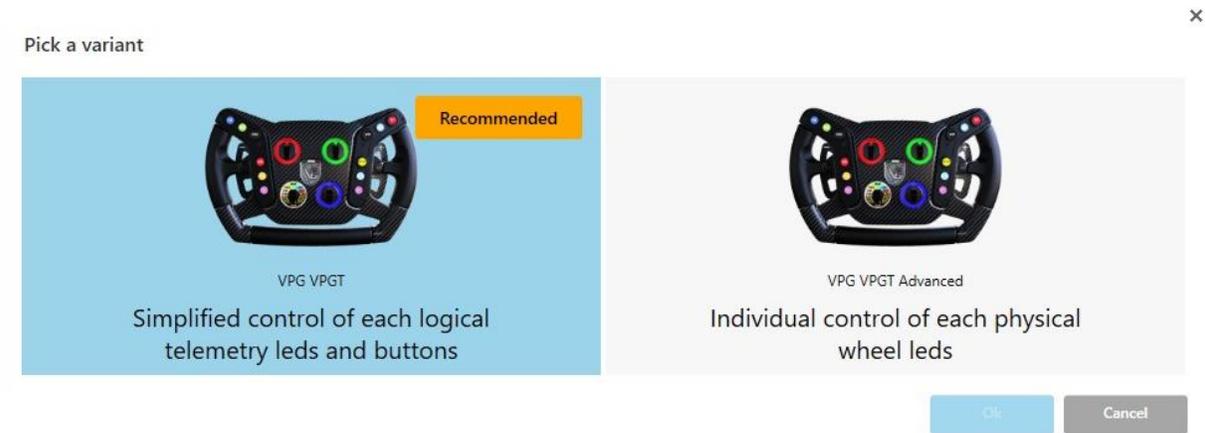You can download the **latest version** on the official Simhub [HERE!](#)

To add the Device you can simply open Simhub, select the Devices tab on the left menu and click on Add new Device.

VPGT will be listed in the VPG Sim section.

To give you the most user friendly experience we've developed two different devices.

- Simplified (Recommended) - where each button is addressed by a single number and each rotary is addressed by a single number

- Advanced – where each LED is individually controlled for a total of 96 individually controlled LEDs.

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-PGT Lighting system but you can customize everything as per your needs by clicking on Edit Profile and customize or create your own profile.
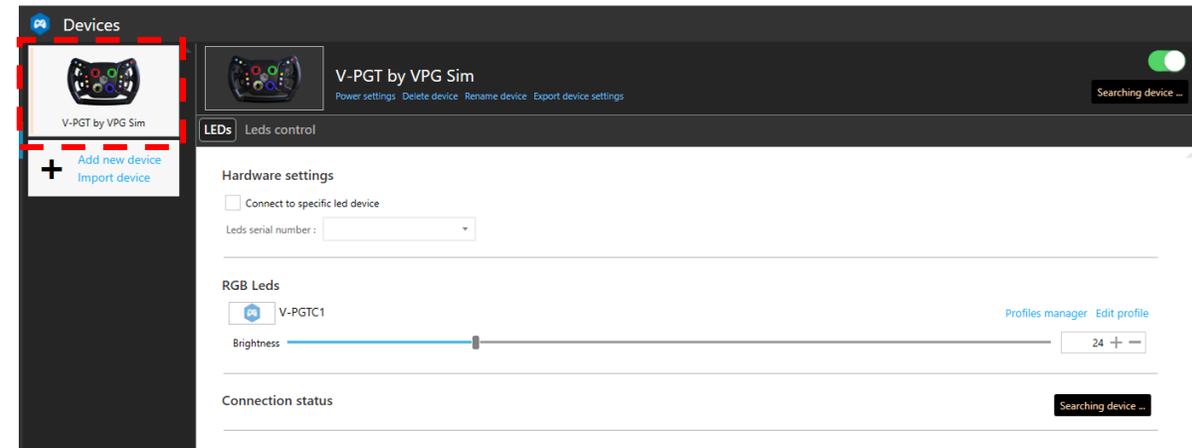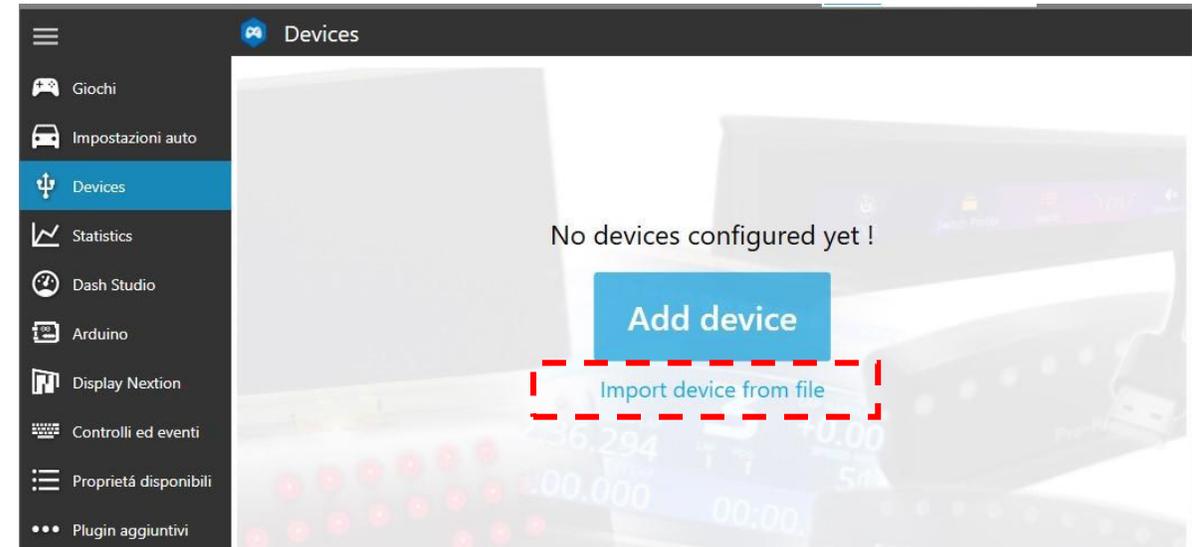
4.1 SimHub Manual Device Import

If you would like to import the device manually you can follow the below steps.

Download the VPG device file from our download area HERE!

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

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

The device will give you access to individual control of each one of the 96 RGB LEDs.
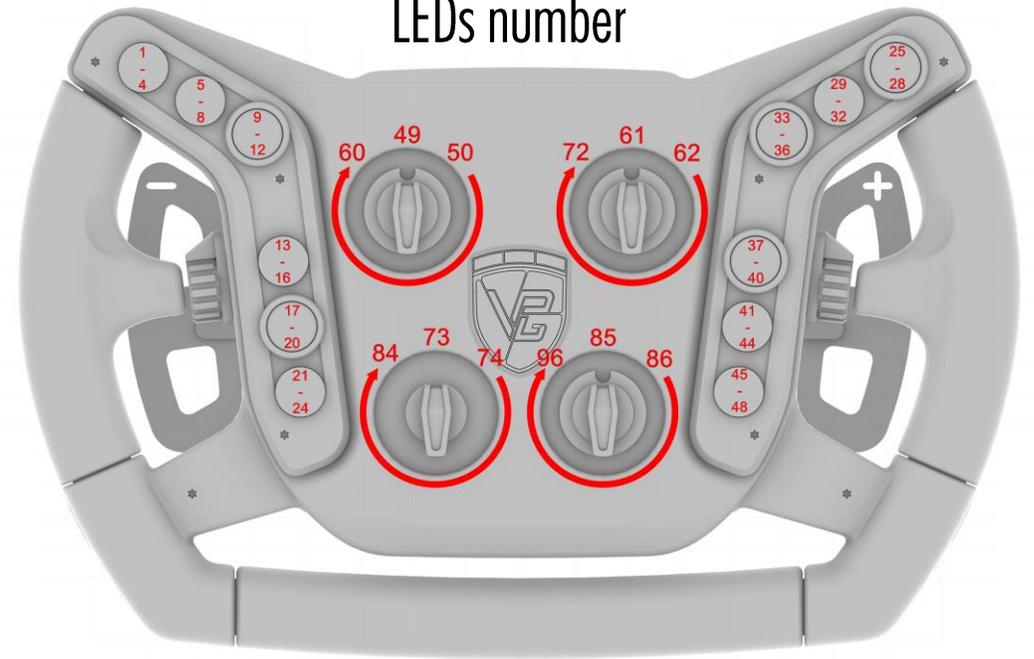
5. LEDs interface

The V-PGT led system has 48 individually controlled RGB Button LEDs and 48 indvidually controlled RGB Rotary LEDs for a total of 96 LEDs. LEDs enumeration to be used in Simhub (Advanced LEDs profile) is listed below.
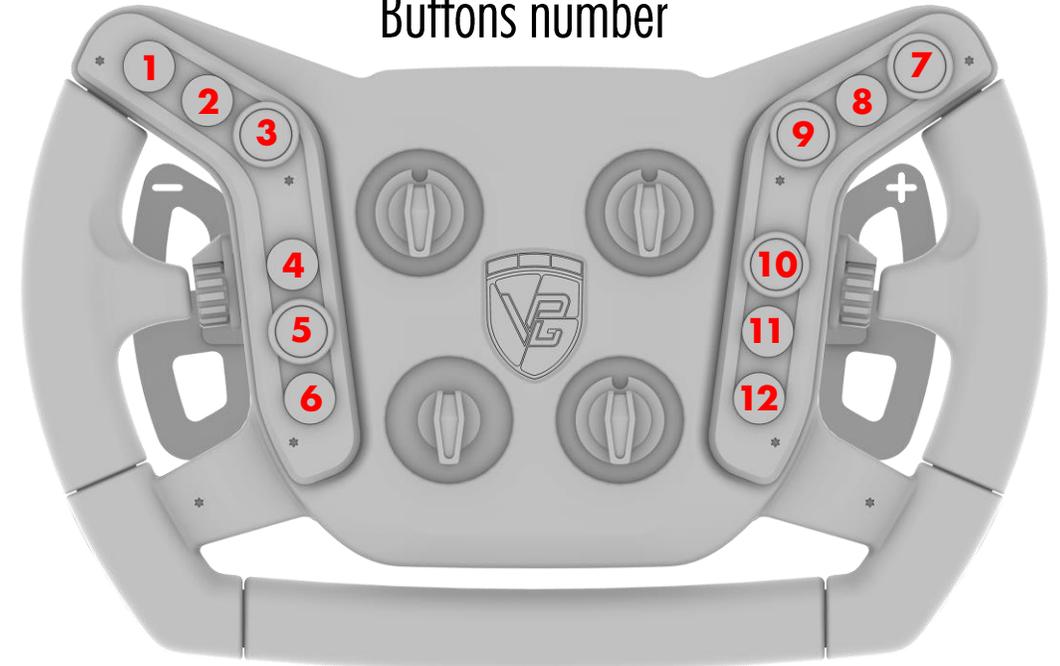
- Left buttons column: From 1 to 24 (4 each button)
- Right buttons column: From 25 to 48 (4 each button)
- Top left rotary: From 49 to 60
- Top right rotary: From 61 to 72
- Bottom left rotary: From 73 to 84
- Bottom right rotary: From 85 to 96

The wheel is supplied with a std profile that can be customised as per your needs. Please visit SIMHUB/Editor Guide and discover how to modify/create your own profile
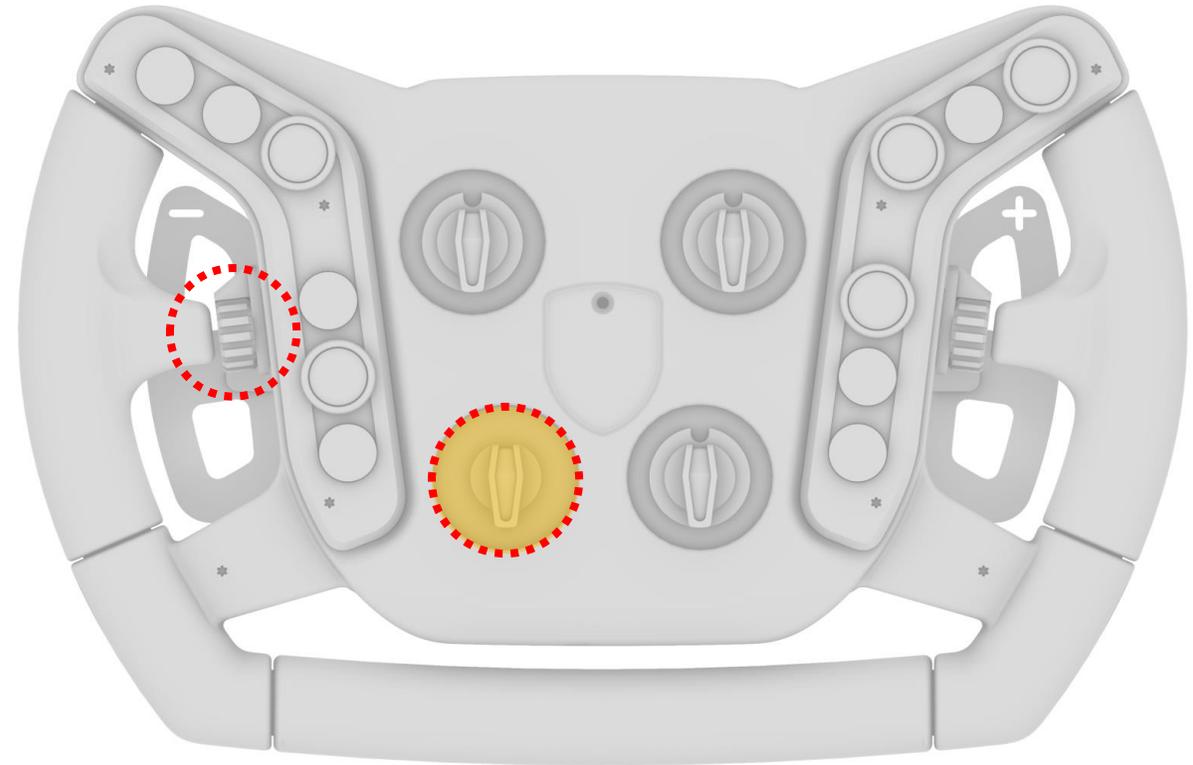

LEDs number

Buttons number

6. Rotary Switch

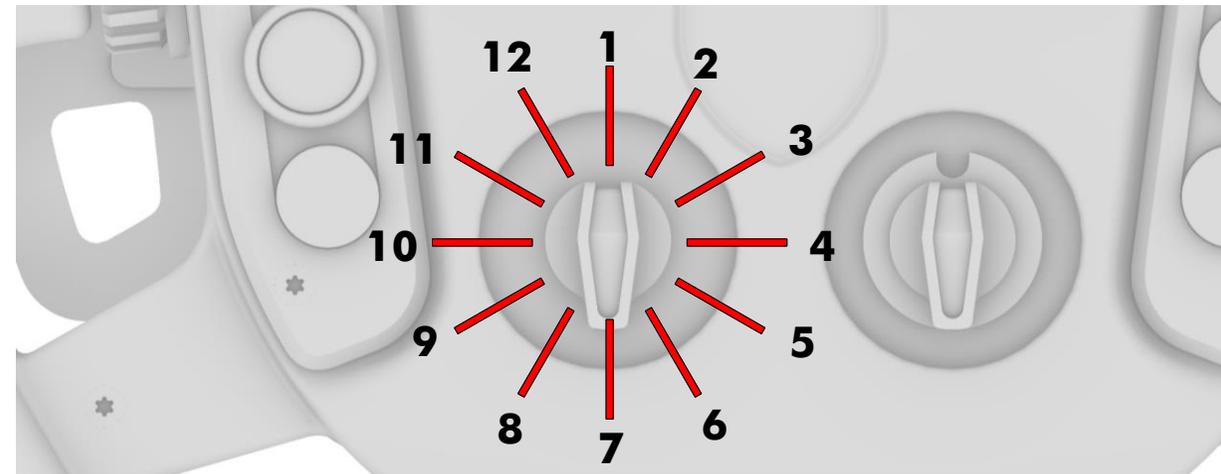The V-PGT has an innovative mapping system that allows you to have up 62 different inputs.
The bottom left knob is a Rotary Switch with 12 separate positions.
Each position of the switch changes the button assigned to the left thumb rotary as per below table.

Rotary Switch position	Thumb rotary up button	Thumb rotary down button
1	19	20
2	41	42
3	43	44
4	45	46
5	47	48
6	49	50
7	51	52
8	53	54
9	55	56
10	57	58
11	59	60
12	61	62

Rotary Switch Position

vpgsim.co.uk