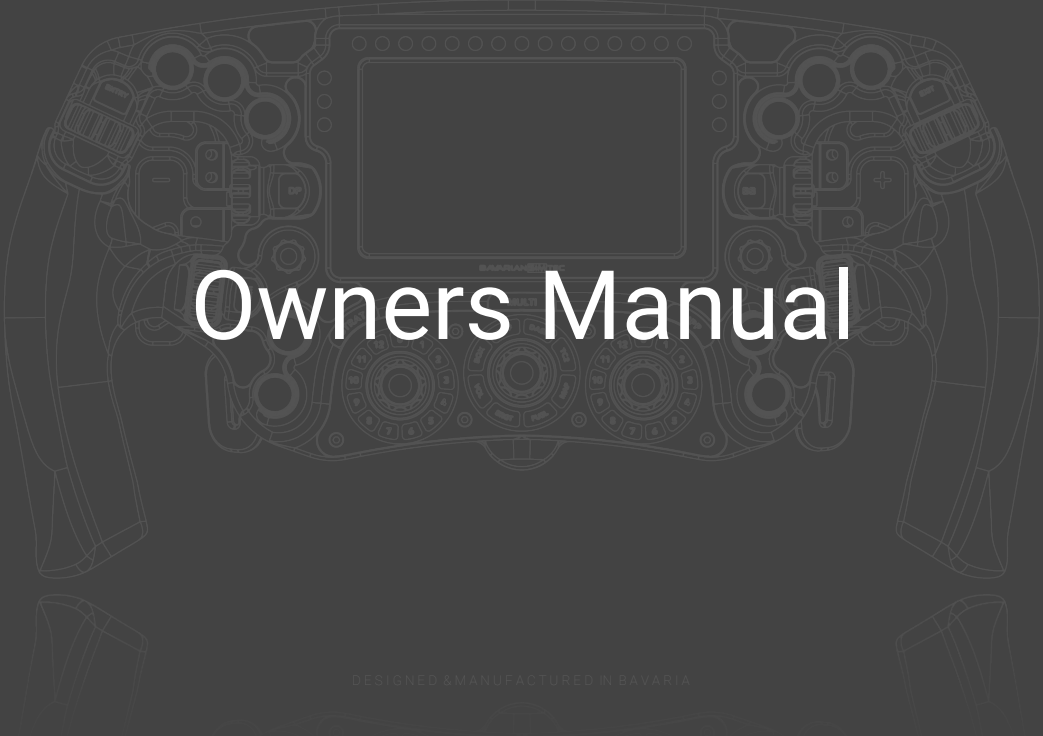




Owners Manual

DESIGNED & MANUFACTURED IN BAVARIA

Omega Pro V2 | BAVARIAN **SIM** TEC

Dear valued Customer,

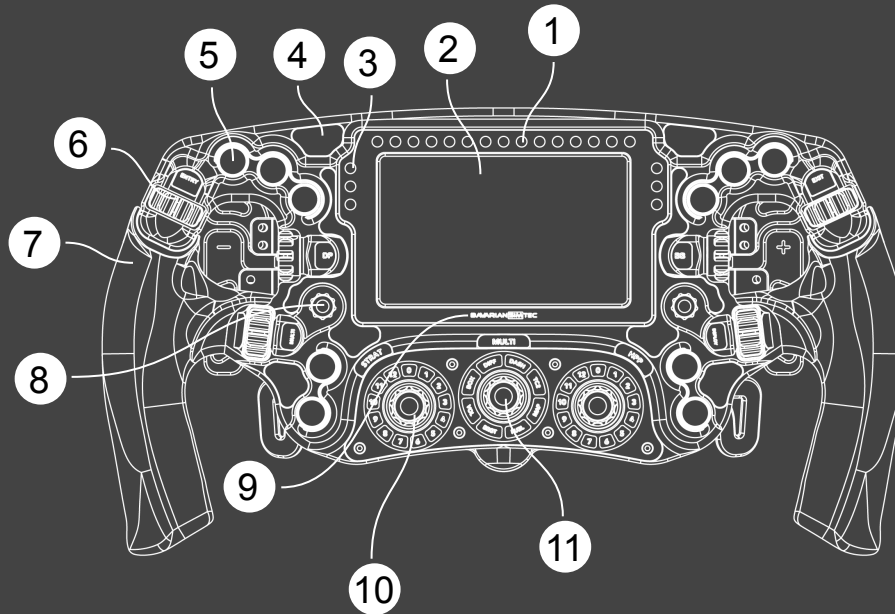
Welcome to a new chapter in your sim racing journey, where every twist and turn of the virtual track brings unparalleled excitement. It is with profound gratitude that we celebrate your decision to make our product a cornerstone of your racing experience.

Your new Omega Pro V2 is a testament to cutting-edge innovation [like our **AdaptiveBeamTec** or **Multi-Link-Selector**] and exceptional craftsmanship, carefully designed to transcend the limits of performance and precision. Your trust in us fuels our relentless pursuit of excellence, driving us to create products that not only meet but surpass your highest expectations.

As you explore the exceptional features of your new Omega Pro V2, know that a reliable team is always available to assist you. Our seasoned customer relations experts are here to assist with any inquiries, ensuring that your experience is nothing short of extraordinary. Thank you once again for choosing us. Embrace the thrill, conquer the track, and keep on racing with unwavering passion.

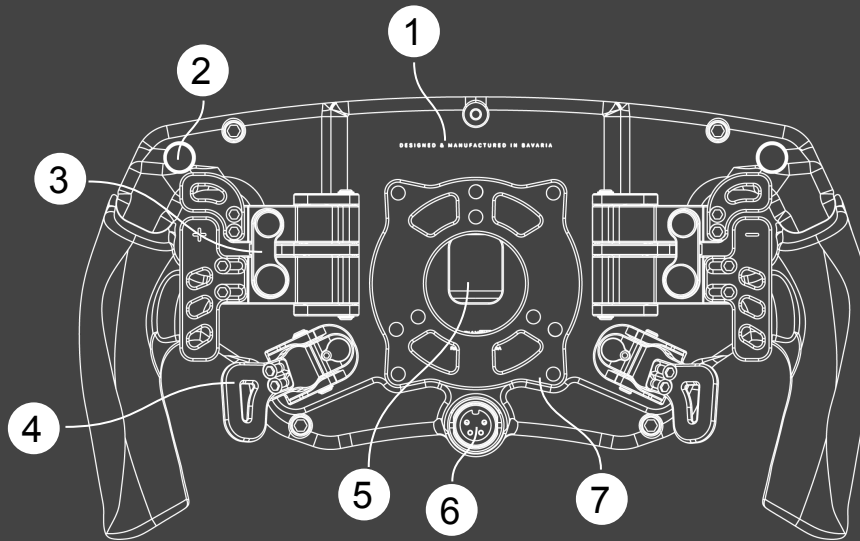
Sincerely,

The BavarianSimTec Team



Frontview

- 1. RGB LED Rev-Lights [15x]
- 2. 4,3 inch LCD Display
- 3. RGB LED Flag-Lights [2x3]
- 4. Carbon-Inlay [9x]
- 5. RGB LED Buttons [10x]
- 6. Thumb-Encoder with RGB LED Lettering [6x]
- 7. Silicone Handles [2x]
- 8. 7-Way Multi Switch [2x]
- 9. Gorilla-Glass Frame with laser-engraved
Logo
- 10. AdaptiveBeamTec
- 11. Multi-Selector



Rearview

- 1. 6061 cnc'd aluminum construction
- 2. Quick Action Buttons [2x]
- 3. N52 Magnetic Shifter + N52 Pull Paddle [2x]
- 4. Magnetic Contactless Clutch [2x]
- 5. Internal Connector
- 6. Cable Connector
- 7. Mounting Plate

Mounting to Wheelbase

Each BavarianSimTec Omega Pro V2 steering wheel comes with our Mounting Plate featuring a 50.8 and 70 mm Pitch Circle Diameter [PCD], compatible with most hubs sharing the same specification.

Select the appropriate PCD for your Quick Release or Hub and securely attach it to the Mounting Plate with the supplied screws.

Next, fix the Mounting Plate back to your Omega Pro V2 using the four supplied screws.

To prevent interference between the coiled USB cable and the wheelbase, ensure there is a minimum clearance of 50mm between the steering wheel and the wheelbase.

USB Connection & Software Setup

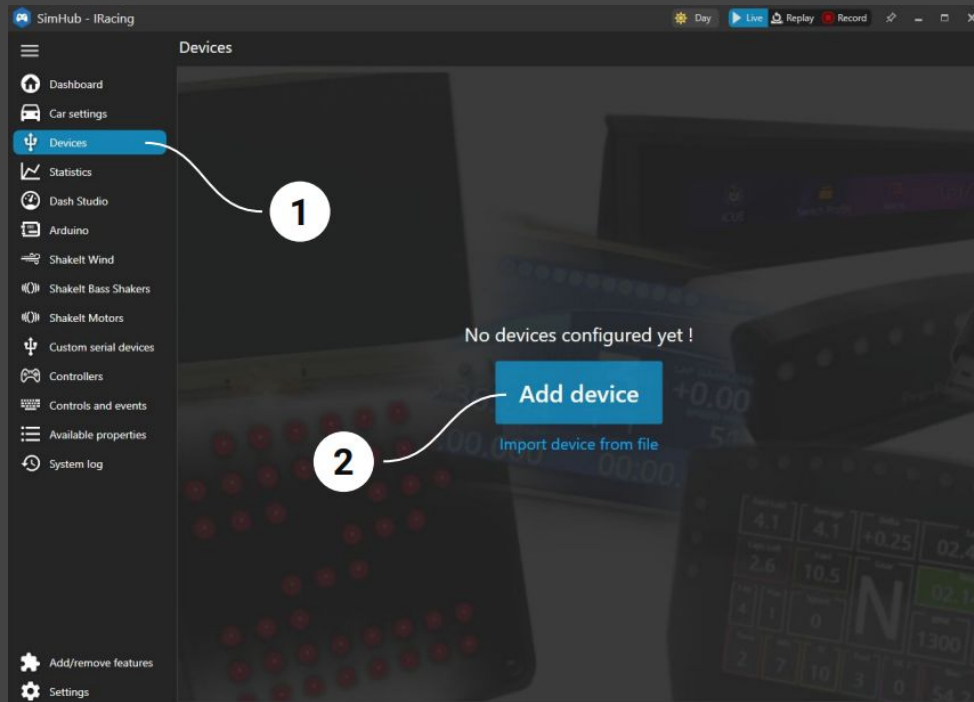
We strongly recommend the following connection method before proceeding:

- PC -> Powered USB Hub -> BST USB Cable -> Omega Pro V2
- Or BST - QR

Without an adequate power supply, you may experience unstable performance and diminished LED brightness.

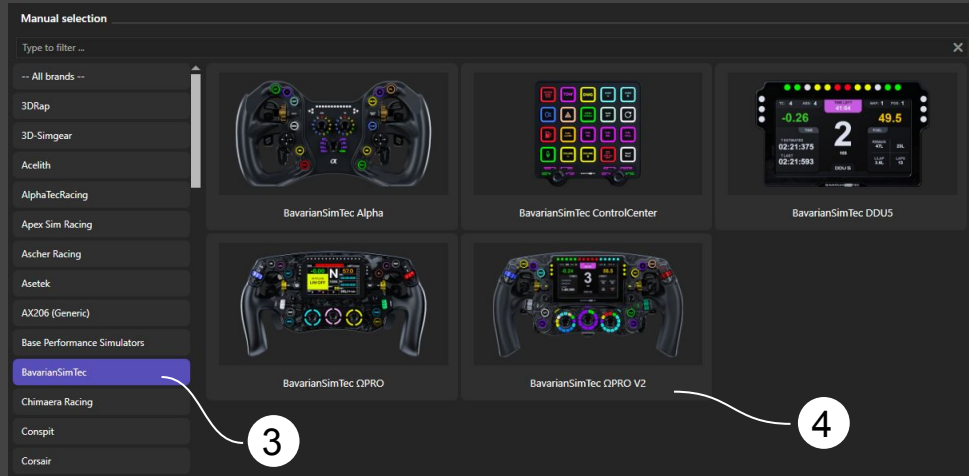
[Download and install the latest SimHub Version](#)

[Download and install the latest Dashboards](#)



Add Device

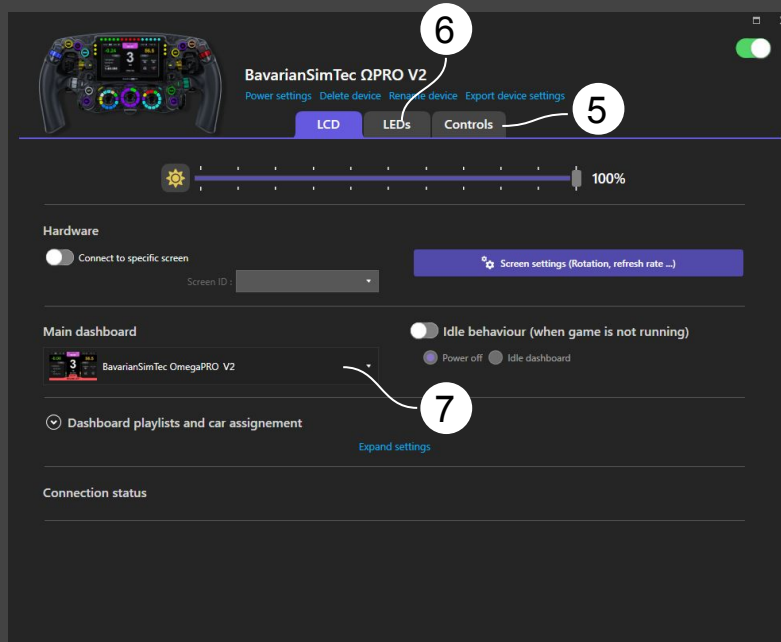
1. Go to Devices
2. Click Add Device



Select Omega Pro V2

3. Click BavarianSimTec in the side panel menu
4. Select BavarianSimTec Omega Pro V2

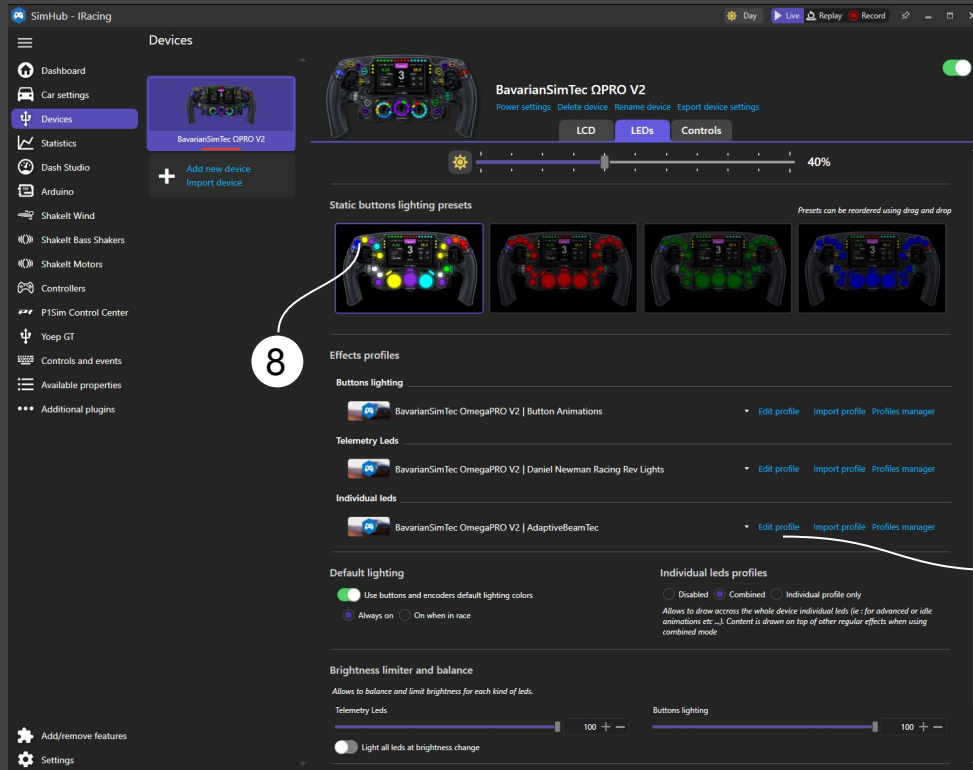
Omega Pro V2 | BAVARIAN **SIM** TEC



Overview

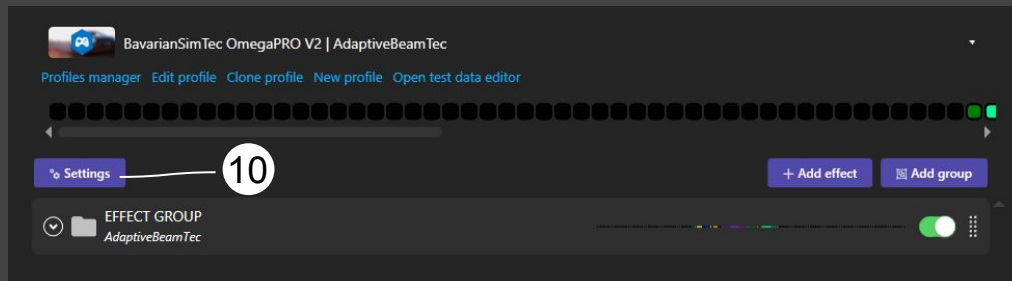
- 5. Multi-Link-Selector BRGT mapping
- 6. Edit Button & Lettering Color (next page)
- 7. Change the Dashboard to BavarianSimTec Omega Pro V2

Omega Pro V2 | BAVARIANSIMTEC



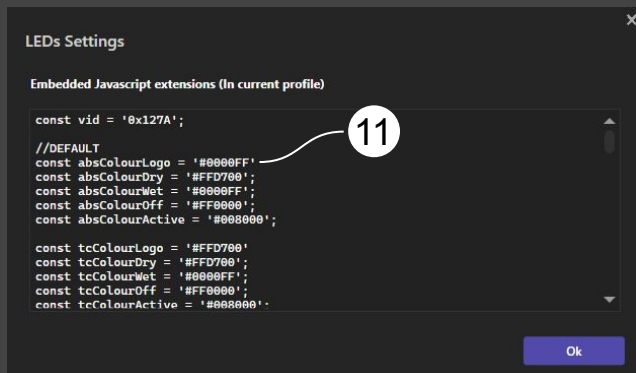
8. Edit Button & Lettering Color

9. To change AdaptiveBeamTec colors
click Edit Profile

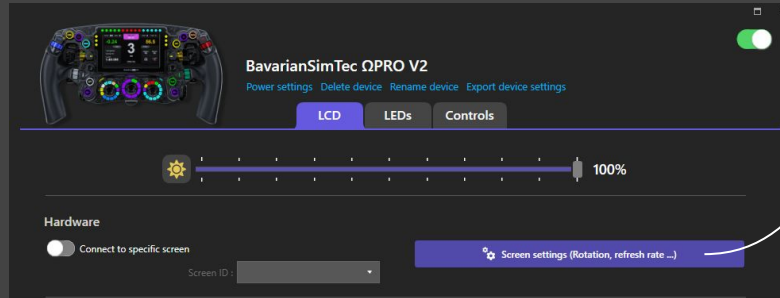


10. Click Settings

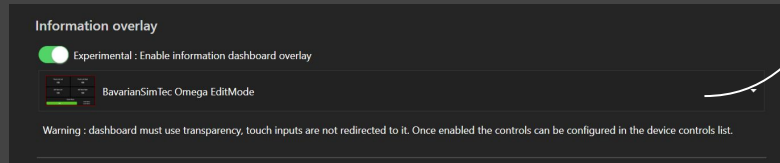
11. Change the matching HEX color code



Setup EditMode



Click Screen Settings

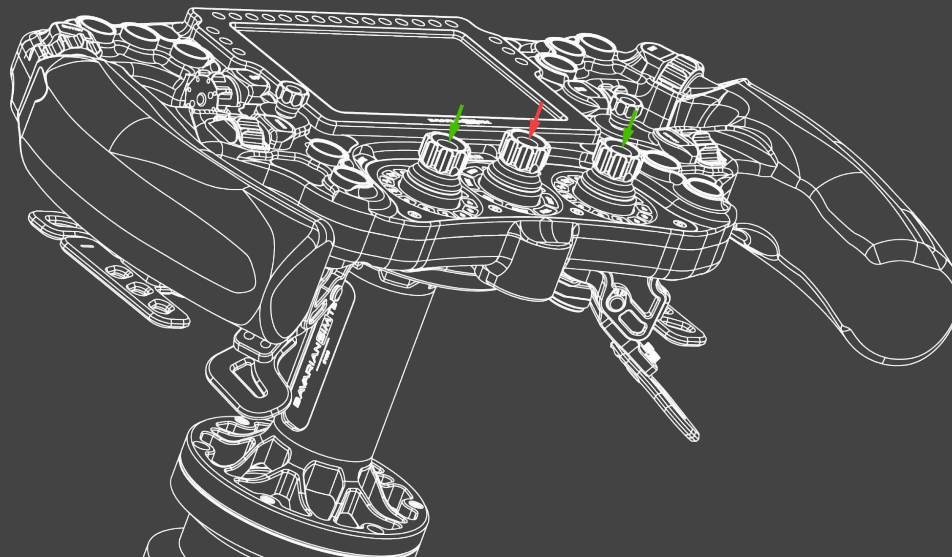


Make sure the "BavarianSimTec Omega EditMode" is selected

Enter/Exit EditMode

THE EDITMODE WILL ONLY APPEAR WHEN THE DASH HAS BEEN SET AS MENTIONED ON PAGE 12

- Press & Hold for 3 seconds to enter the EditMode
- Press to exit the EditMode



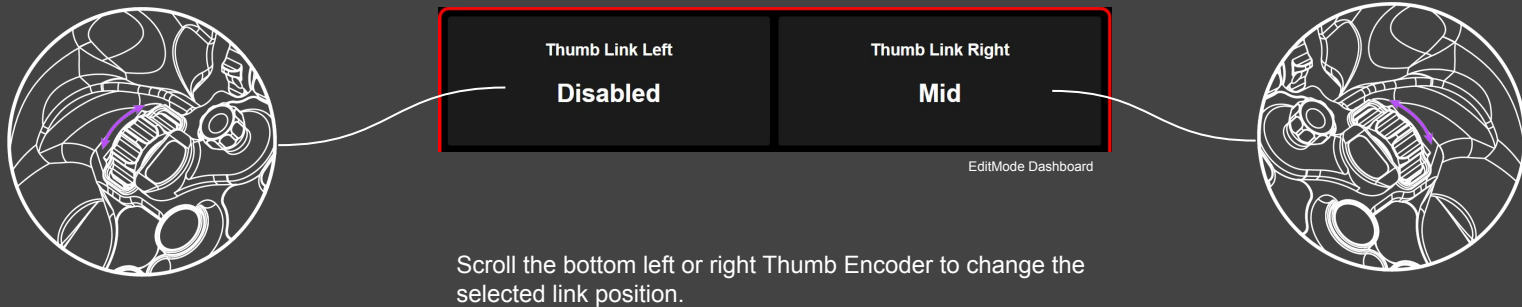
Dual-Multi-Link-Selector

With the Dual-Multi-Link Selector, you can expand your inputs from 13 to 41.

Here's how it works:

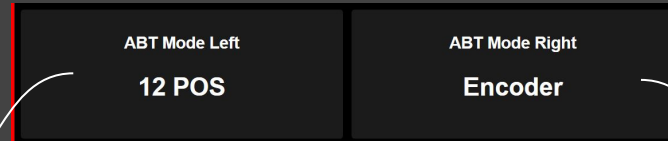
You can assign one Thumb Encoder on each side to be linked with the central 8-position Multi-Switch.

The assigned Thumb Encoders will then switch their output signal based on the position of the central Multi-Switch.



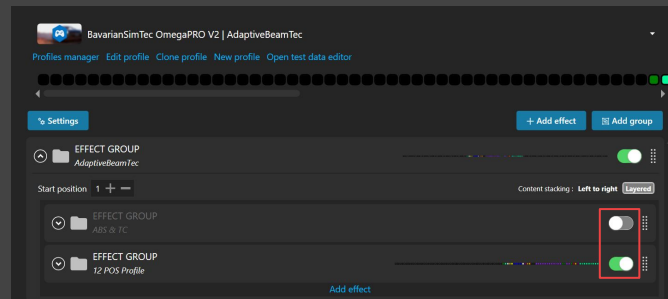
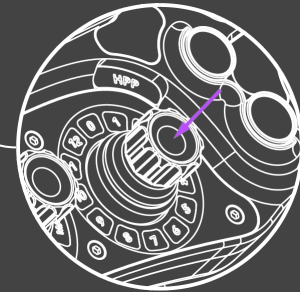
AdaptiveBeamTec Mode

The left and right AdaptiveBeamTec switches support two different modes: Encoder Mode and 12-Position Mode. To use these modes, you need to adjust the SimHub AdaptiveBeamTec LED profile accordingly. We recommend using the "ABS & TC" profile for Encoder Mode and the "12 POS Profile" for 12-Position Mode.

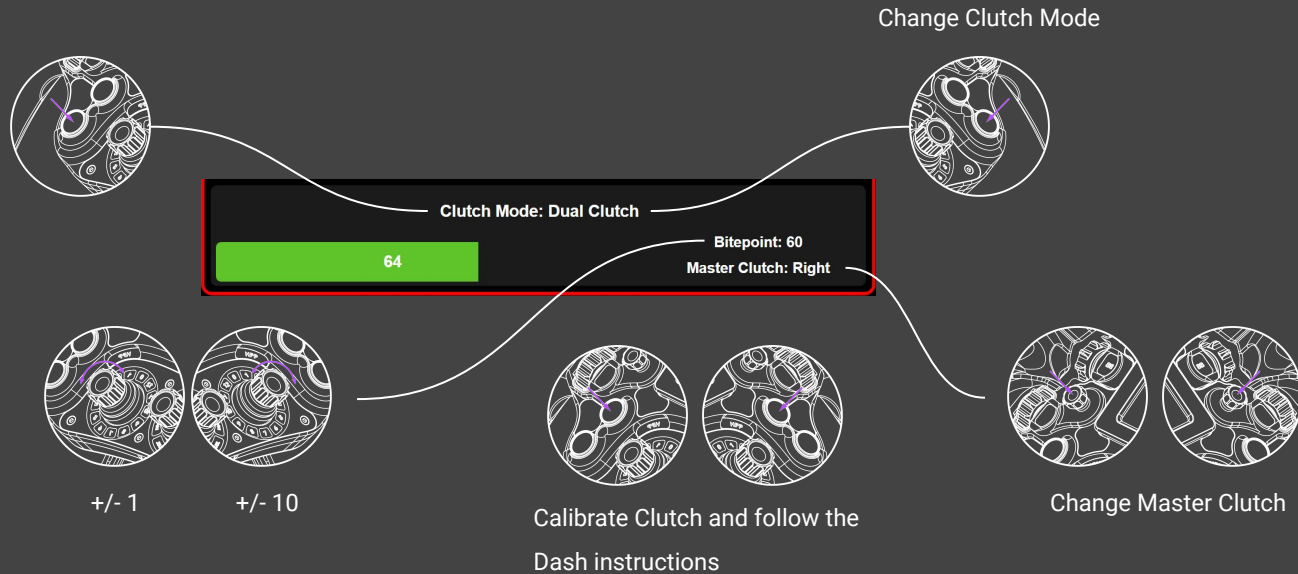


EditMode Dashboard

Press the left or right AdaptiveBeamTec switch to toggle between the two modes.



Clutch Settings



Replacing Labels

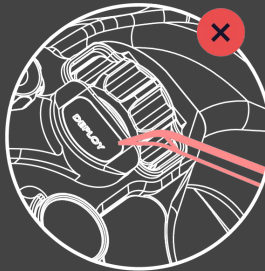
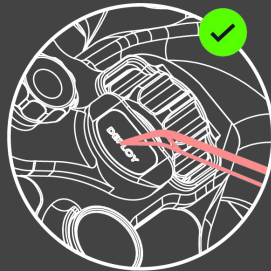
The OmegaPRO V2 offers full customization to suit your preferences. This guide provides step-by-step instructions for safely replacing the decals on your OmegaPRO V2, including the Encoder Stickers, Bottom Labels, and Bottom Encoder Labels.

WARNINGS

- We recommend pre-heating the sticker using a blow torch at a temperature not exceeding 100°C, ensuring that the heat is directed solely at the sticker.
- When using tweezers to remove the sticker, take care to avoid contact with the anodized aluminum surface, as any scratching may result in permanent damage.

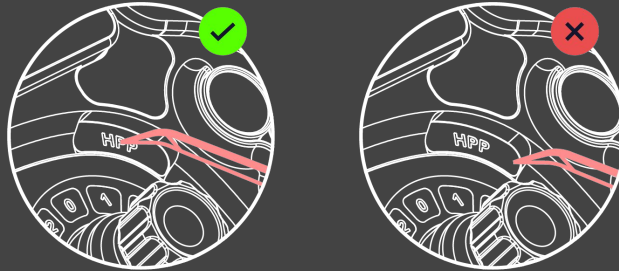
Replace Encoder Labels

- We recommend pre-heating the sticker using a blow torch at a temperature not exceeding 100°C, ensuring that the heat is directed solely at the sticker.
- Pinch through the decal right where the text is. Underneath the text, there's an empty channel. After piercing through, angle your tweezers slightly and carefully pull the decal out.
- (Optional) Clean any leftover adhesive using a bit of IPA alcohol.
- Apply the new decal



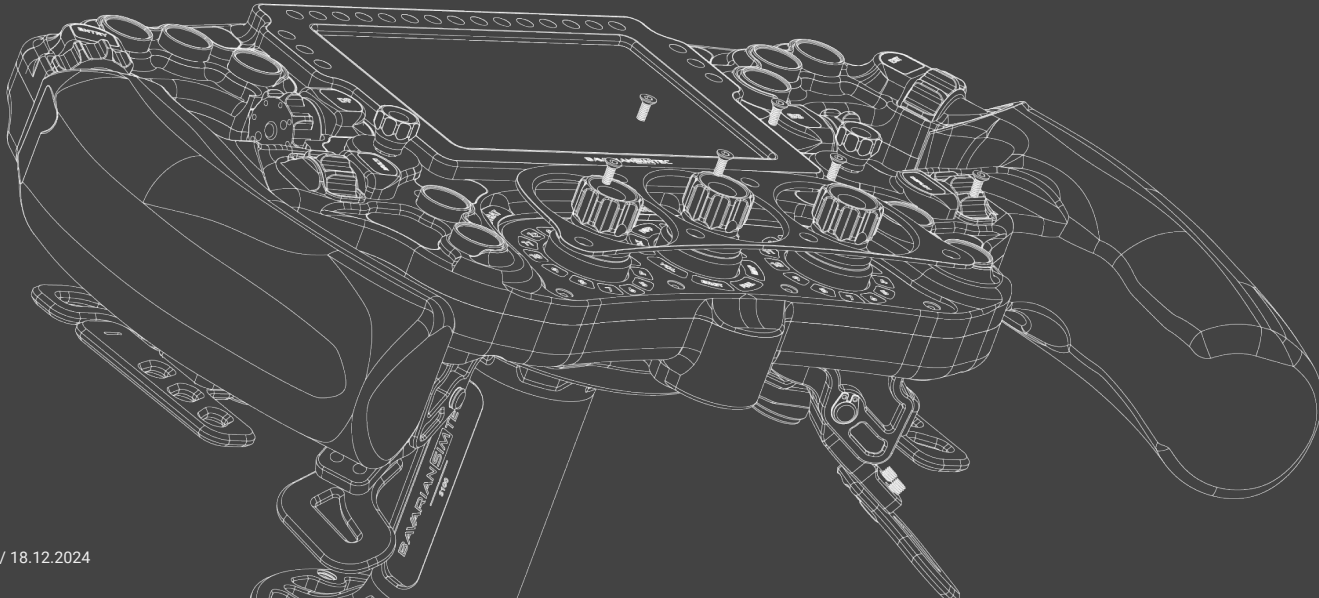
Replace Bottom Labels

- We recommend pre-heating the sticker using a blow torch at a temperature not exceeding 100°C, ensuring that the heat is directed solely at the sticker.
- Pinch through the decal right where the text is. Underneath the text, there's an empty channel. After piercing through, angle your tweezers slightly and carefully pull the decal out.
- (Optional) Clean any leftover adhesive using a bit of IPA alcohol.
- Apply the new decal



Replace Bottom Encoder Labels

- Unscrew the 6x M2x4mm screws to loosen the carbon bracket
- We recommend pre-heating the sticker using a blow torch at a temperature not exceeding 100°C, ensuring that the heat is directed solely at the sticker.
- Pinch through the decal right where the text is. Underneath the text, there's an empty channel. After piercing through, angle your tweezers slightly and carefully pull the decal out.
- (Optional) Clean any leftover adhesive using a bit of IPA alcohol.
- Apply the new decal



Troubleshooting

To ensure proper operation, it is essential to maintain a clean, reliable USB data signal and minimize Electro Magnetic Interference (EMI) from other devices.

- Connect the BST Omega Pro V2 via a powered USB hub or directly to your computer.
- Avoid using excessively long USB extension cables, as data quality degrades with length.
- For AMD systems with known USB performance issues, update to AGESA BIOS version 1.2.0.2 or higher (check your motherboard manufacturer's website).
- Monitor for EMI and ground your rig if necessary.
- If one USB port is not performing optimally, try an alternate port.
- Make sure the USB cable is securely connected at both ends.
- Be mindful that USB data throughput is shared among all devices on your system; avoid overloading the USB tree.
- Consider using a dedicated PCIe USB card (NEC chipset cards are recommended).

Safety

For further details, please review the full Terms & Conditions.

Warnings & Instructions for Safe Usage

WARNING: CHOKING HAZARD – Small parts. Adult supervision is required. Children should never use the BST Omega Pro V2 or any associated parts or tools without direct adult supervision.

- Do not use any damaged or defective products. Cease use immediately and contact the reseller or manufacturer.
- Wear protective gloves when installing, removing, or modifying parts on BST Omega Pro V2.
- Ensure that anyone using the BST Omega Pro V2 has read and understood the manual.
- Always verify that all connections and quick releases are securely tightened before use.
- DO NOT open the BST Omega Pro V2.
- The BST Omega Pro V2 and its components are intended solely for use as a USB input device on a computer. They must not be used in a real vehicle. The manufacturer is not liable for any damages resulting from improper use of the product.
- Secure the BST Omega Pro V2 to the direct drive base using three M5 bolts. It is the user's responsibility to ensure that the mounting platform is capable of safely supporting the BST Omega Pro V2.

Warranty

Operating Environment and Safe Storage Conditions

- Temperature: 15°C – 35°C, with non-condensing humidity.
- Avoid exposing the BST Omega Pro V2 or any parts to direct sunlight or moisture.
- Intended for indoor use and storage only.

Warranty

The product includes a 2-year warranty, except in the following situations:

- Failure to follow the provided instructions for use or care.
- Misuse or careless handling of the product
- Damage caused by an accident or other external factors after the product has been received.
- Normal wear and tear from use.