

UNIFLEX-ELITE_X

SIMRACING STEERING WHEEL

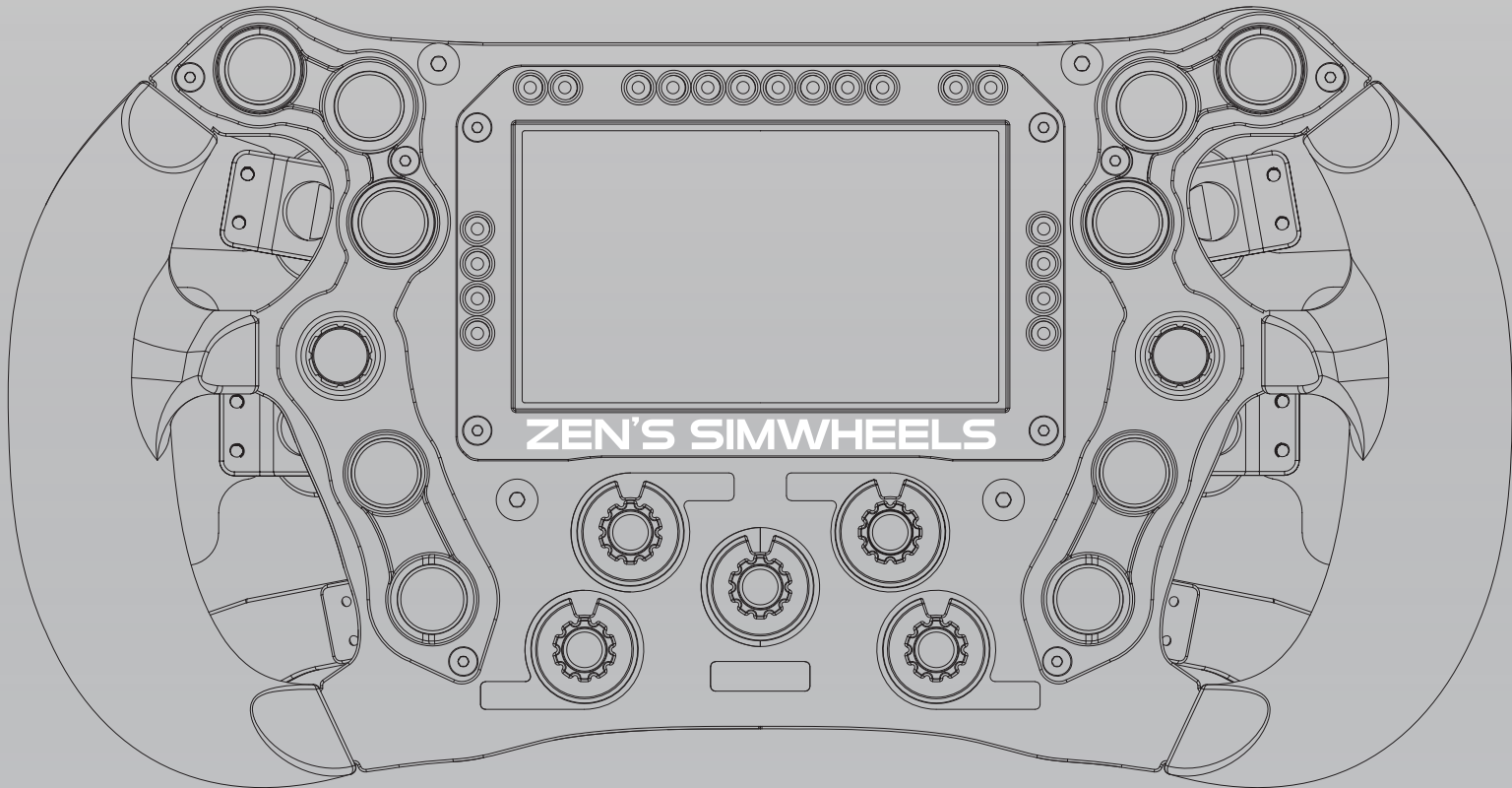


02-2025 v1.0



CHECK OUR OTHER PRODUCTS!

CONTENTS



Package Includes

- UNIFLEX-ELITEx Steering Wheel
- SA40 Spacer/Adapter (if ordered)
- Extra Sticker sheet + tweezer
- Coiled USB Cable (SF12 connector)
- Set of bolts, nuts and tools
- (non-choosen clutch spring set - if ordered clutch)

User Manual

- Mounting the Spacer/Adapter
- Mounting your Quick Release
- Installing the wheel (Simhub)
- Calibrating & Configuring Clutches

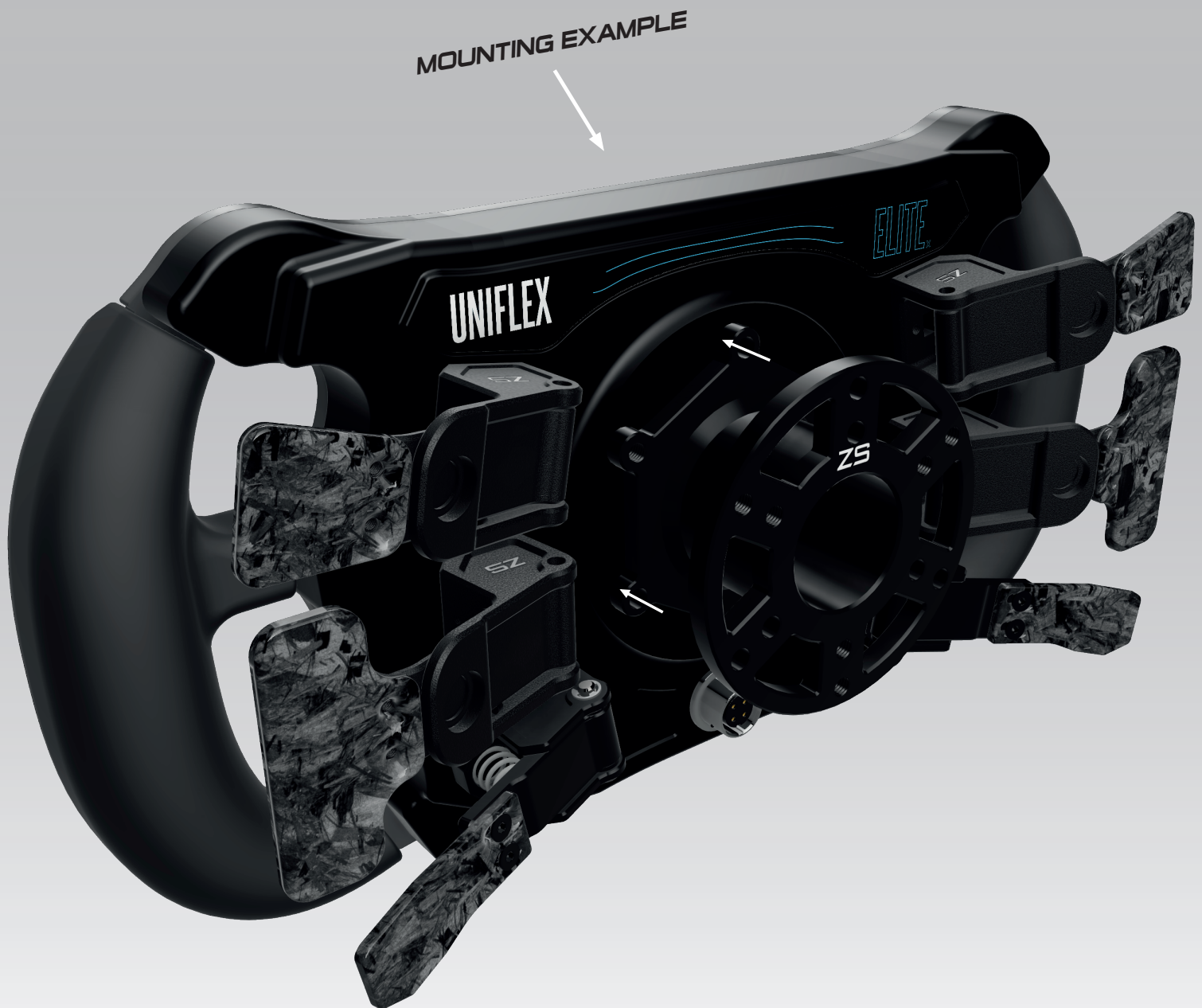
MOUNTING THE ADAPTER

The wheel has 3x M5 threaded & 3x non-threaded holes on the back of the housing.

If you have ordered the SA40 Spacer/Adapter, this will already be installed.

If you have a similar (70mm PCD) adapter, you can mount it directly onto the back of the housing using the 3x M5x10 Bolts, see example below:

**make sure to use correct size bolts when mounting your own Spacer/Adapter*



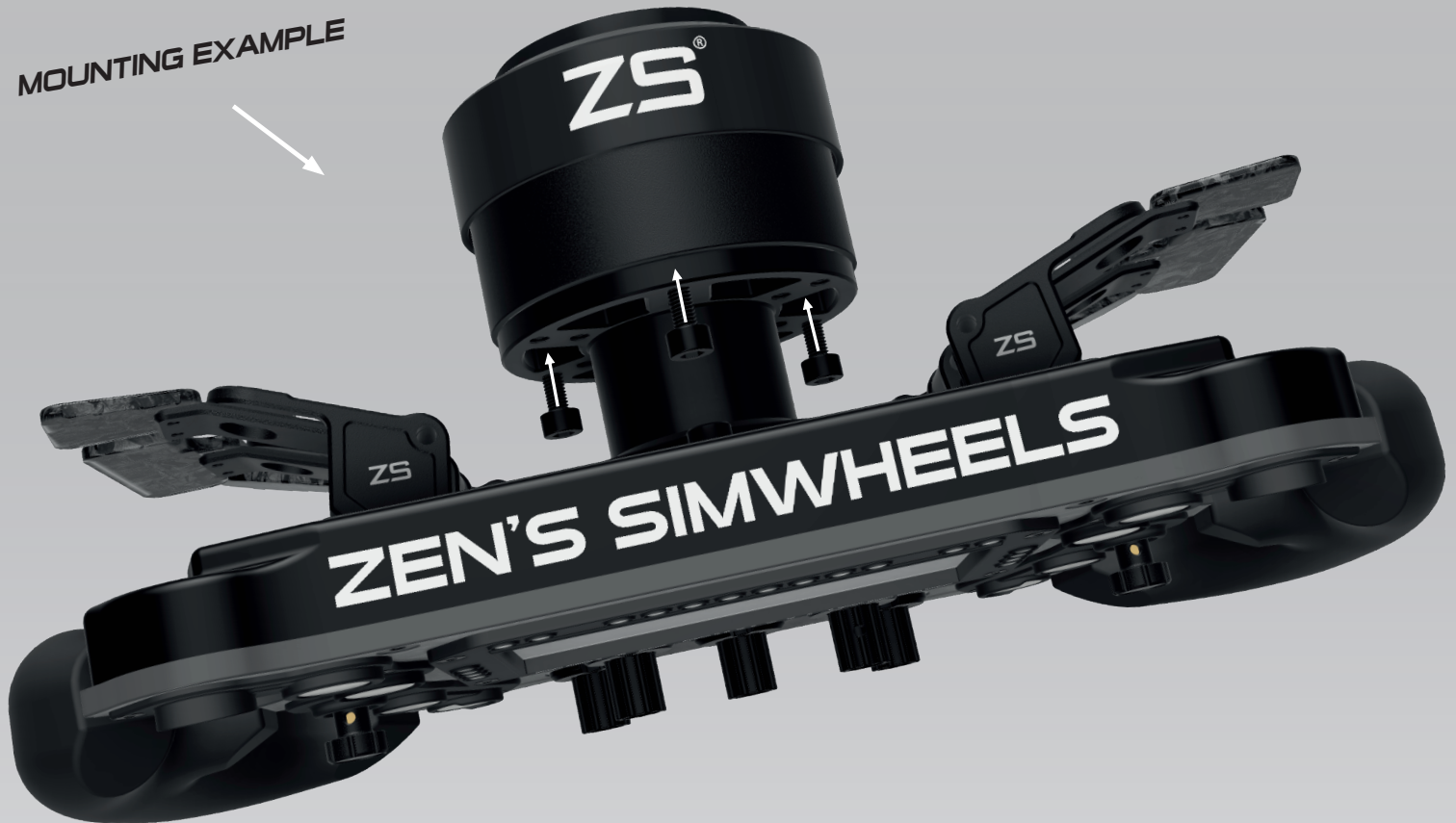
**Never use the M5 threaded holes of the SA40 Spacer/adapter when mounting it directly onto the housing - must use the 3x non-threaded holes!*

MOUNTING YOUR QUICK RELEASE

Using the SA40 Spacer/Adapter:

It has 3x M5 threaded & 3x non-threaded holes on the back (on both the 70mm outer PCD and the inner 50.8mm PCD).

You can then mount your Quick Release with the 3x M5x10 or M5x18 bolts. In this case we use a NRG Style QR (Simagic/Moza/Cammus), see example below:



*Other QR types such as the Simucube QR can be mounted the other way around. There are 2 ways:

1. Using the 3x M5x10 bolts, (from top) mount the QR directly onto the back of the SA40 - using the 3 M5 threaded holes.
2. Using the 3x M5x18 bolts + locknuts (provided in the package) - using the 3 non-threaded holes.

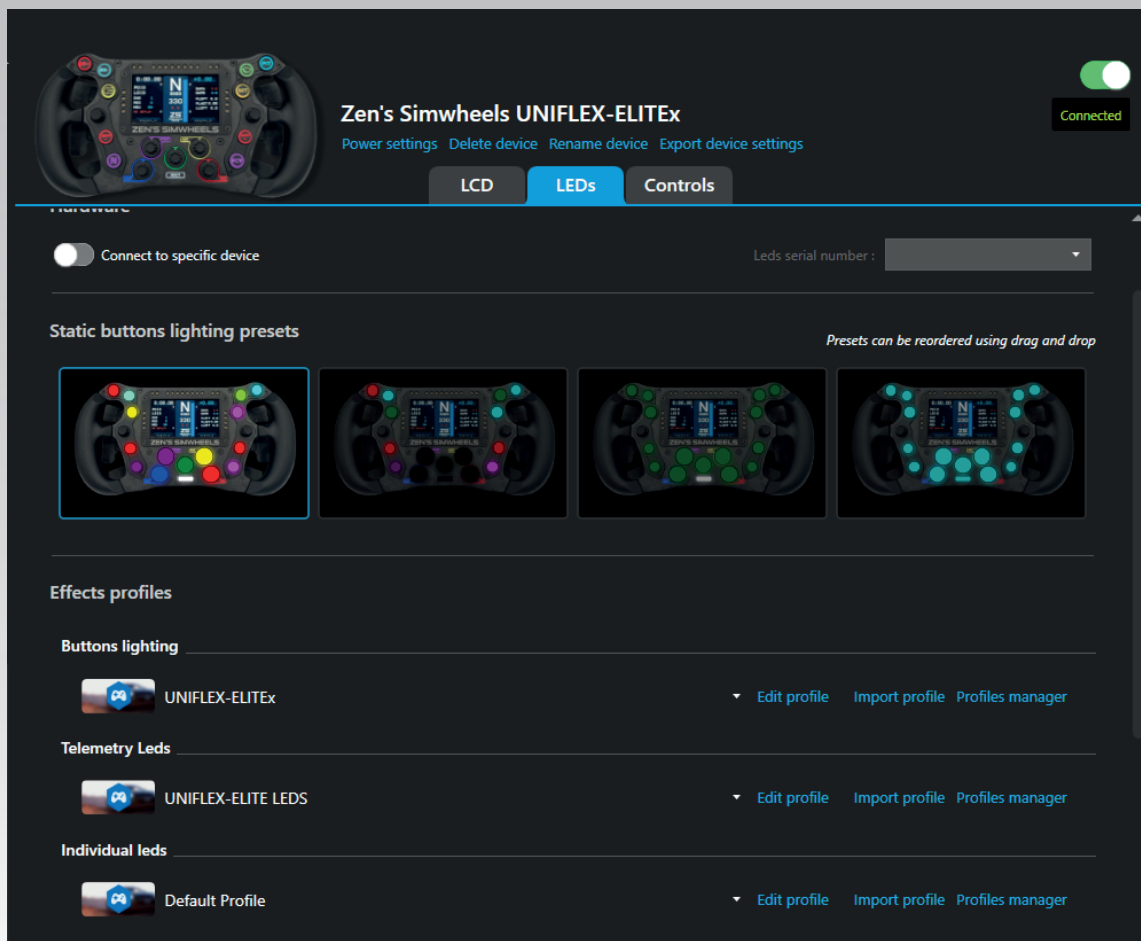
INSTALLING THE WHEEL WITH



This steering wheel is mainly Plug&Play but needs some installation for the LEDs & Clutches.

1. Installing the wheel into Simhub.
Install and open the latest version of Simhub (Version 9.7.4 minimum)
<https://www.simhubdash.com/download-2/>
2. Go to devices and click "Add new device".
3. Search for "Zen's Simwheels UNIFLEX-ELITEx" and click on OK.
4. It will automatically recognise the wheel and turn on the LEDs.

You can now customise all the LED Buttons, Dash LEDs, Display and many more!



CALIBRATING THE CLUTCHES

Out of the box, the clutches will already be calibrated. In case you need to recalibrate the clutches, follow the steps below.

Calibrating the Clutches

An easy way to calibrate 1 or 2 clutches as a separate analog output we recommend doing this is DView

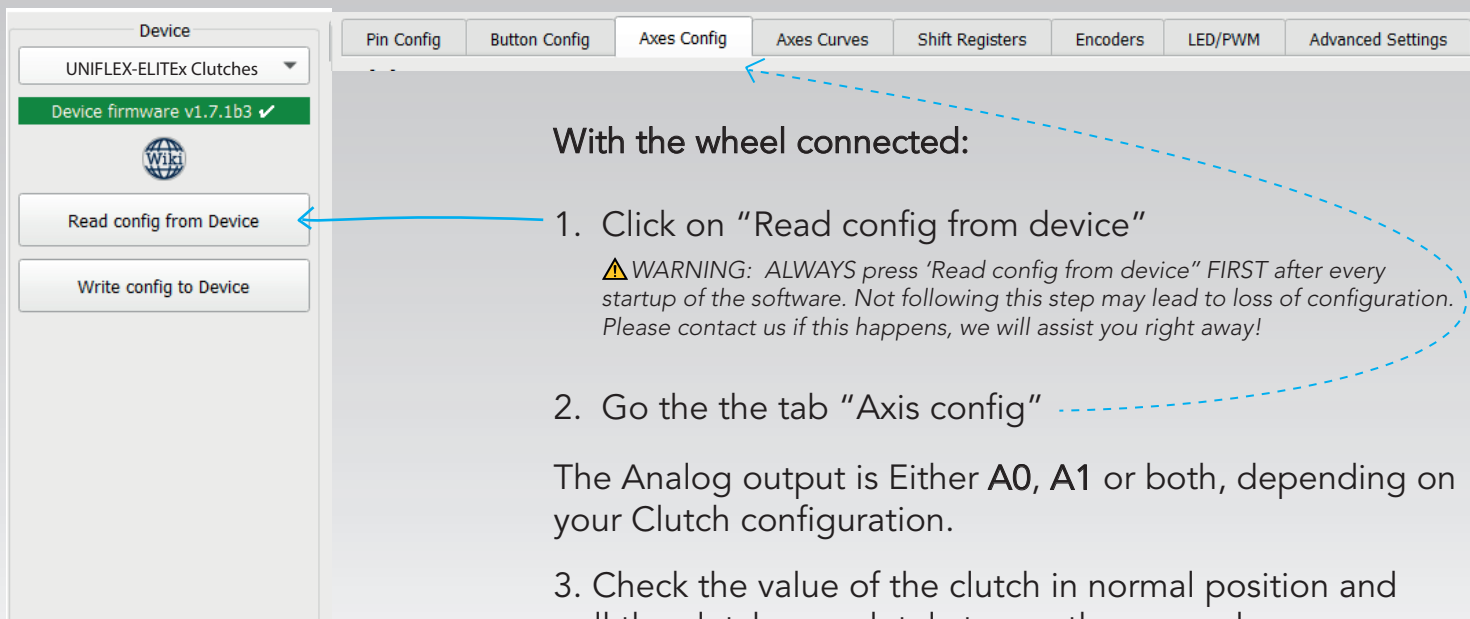
Download here: <https://heusinkveld.com/download-diview/>
User Manual can be found on this website aswell

Calibrating the Clutches | Seperate axis mode or Bitepoint mode

If you have 2 Clutches on the wheel you can set them to '2 seperate axis mode' and 'Bite point mode'.

You can also have both clutches outputting the same value on 1 Analog output.

Download Freejoy here: <https://gforcecontrol.com/software/>
Follow the steps below



Device

UNIFLEX-ELITEx Clutches

Device firmware v1.7.1b3 ✓

Read config from Device

Write config to Device

Pin Config Button Config **Axes Config** Axes Curves Shift Registers Encoders LED/PWM Advanced Settings

With the wheel connected:

1. Click on "Read config from device"

⚠ WARNING: ALWAYS press 'Read config from device' FIRST after every startup of the software. Not following this step may lead to loss of configuration. Please contact us if this happens, we will assist you right away!

2. Go the the tab "Axis config"

The Analog output is Either **A0**, **A1** or both, depending on your Clutch configuration.

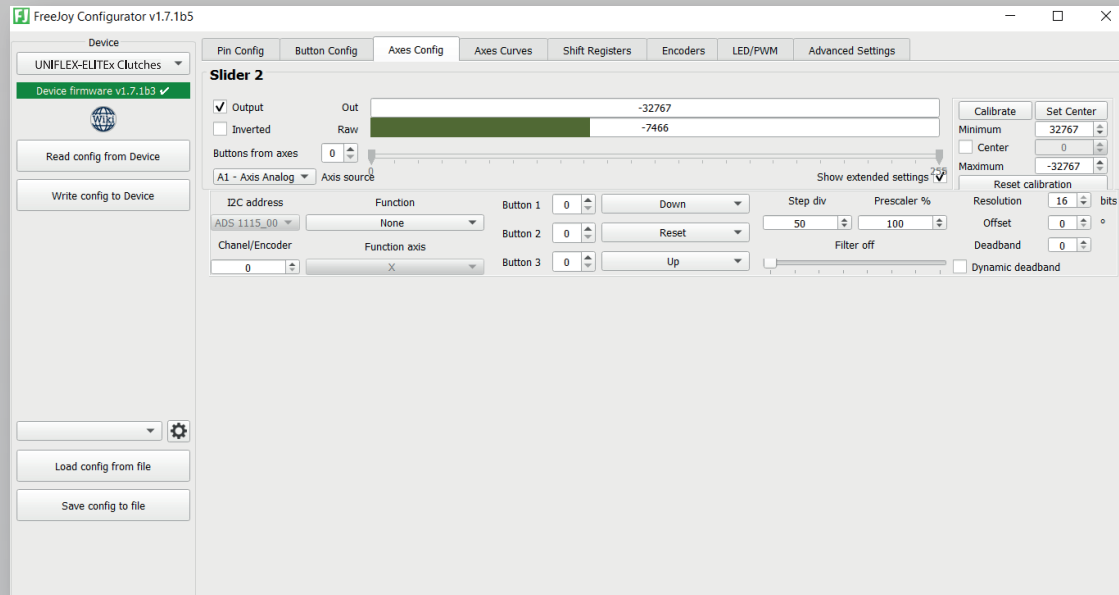
3. Check the value of the clutch in normal position and pull the clutch completely to see the max value.

Fill in the value's in the Calibration tab

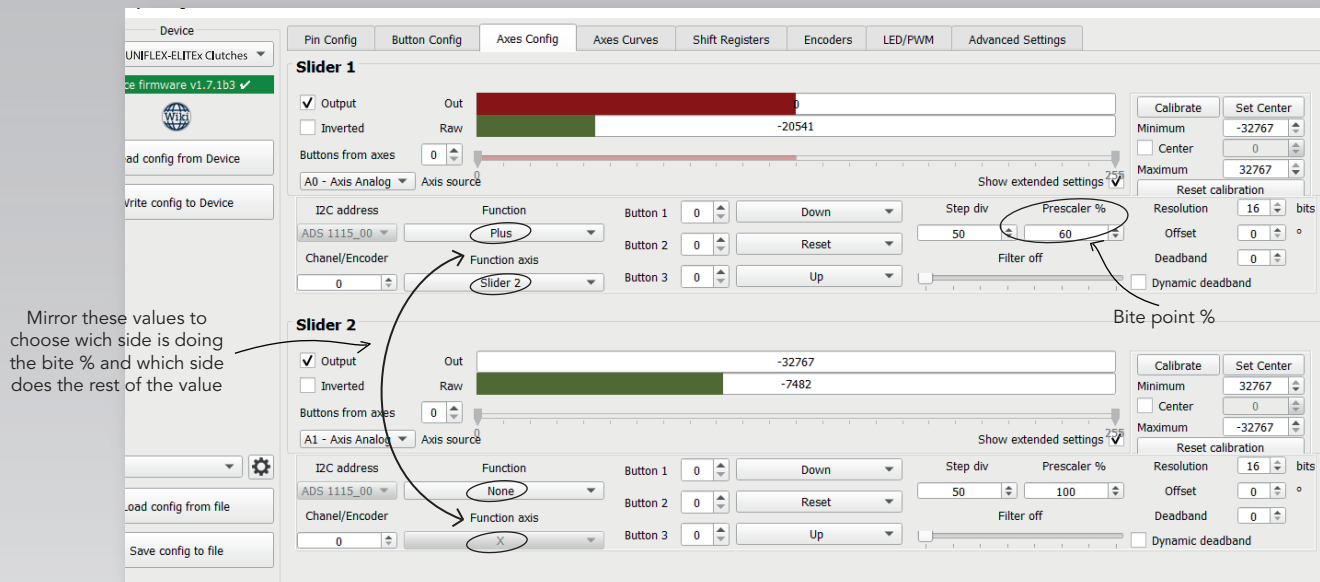
(we recommend adding a offset of ~200 on both the start- and endpoint)

CALIBRATING THE CLUTCHES

'Seperate Clutch' mode | Full 0-100 output



'Dual Clutch/Bite point mode' | Bite % + master



When you are done calibrating the clutches, click "Write config to device" to save all settings. You can also do this while setting up to test if the values and modes are correct and working properly.

FINISH! HAVE FUN!

Have fun!

We hope the installation and the steps were successfully done and we wish you a lot of fun with your new steering wheel!

If you have any questions or you need help with the installation, don't hesitate to contact us any time.

We are able to help from distance through Teamviewer or Discord.

Contact information:

E-Mail: info@zenssimwheels.com

Discord: Zen Metternich#2446

Discord server: <https://discord.gg/3m7FkP97td>

Phone: (+31) 6 40493394

OUR APPROACH

Simracing has been my passion for a very long time.

From having a simracing setup myself, being a fan of motorsport to finding the limit on tracks. But there has always been a struggle when it comes down to the equipment I raced with in my simulator. It was never perfect for me.

In 2020 I thought; why shouldn't I make my own wheel?

I believe that you can perform at your best when you have the right equipment. My motivation is to help other simracers that have the same struggle.

I think it's a great idea that you see a piece of yourself in the material you use when racing, but this is only possible if you have influenced the product yourself.

What started as a hobby has turned into my own company where I work with passion every day.

I am looking forward to build your dream wheel and create something unique!

