

USER MANUAL





09-2024 v1.0



CHECK OUR OTHER PRODUCTS!







- ZS | LMP2-x Steering Wheel
- 50.8 70mm Spacer/Adapter (if ordered)
- Extra Sticker sheet + tweezer
- ZSnap-on Coiled USB Cable (sf12 connector)
- Set of bolts, nuts and tools

## MOUNTING THE QR/ADAPTER

The wheel has 3x m5 bolt, these go through the Main plate and the housing. These will be bolted directly onto the Adpater

If you ordered the 50.8 - 70mm adapter, it will already be installed.



2 ways of mounting your Quick Release:

- 1. Take of the Adapter and add your Quick Relase onto the back side of the Adapter
- 2. Leave the adapter on the wheel, and mount your Quick Release (directly) onto the Adapter while still being on the wheel



## INSTALLING THE WHEEL WITH

## 🙉 SimHub

This steering wheel is mainly Plug&Play but needs some installation for the LEDs, Display and Clutch(es)

- 1. Installing the wheel into simhub Install and open the latest version of Simhub (Version 9.4.1 minimum) https://www.simhubdash.com/download-2/
- 2. (With the wheel connected) Go to devices and click "Add new device"
- 3. Search for "Zen's Simwheels LMP2-x" and click on OK.
- 4. It will automatically recognise and turn on the LEDs and Display.

You can now customise all the LED Buttons, Encoders, Display templates and many more.

### CALIBRATING THE CLUTCHES

The ZS | LMP2-x can be provided with a single or dual clutch system. If you have opted for the wheel without any clutches, you can skip this step.

Read further to learn about how to set up your clutches:

- 1. Install the 'FreeJoy' Software https://bit.ly/48G9fvK
- 2. It's VERY IMPORTANT to ALWAYS press "Read config from device" first. After every startup of the program, this must always be done at first.

Missing this step could lead to loss of settings. If it did happen on accident, you can download the 'Standard' config here: https://bit.ly/lmp2x-clutch-cfg



# CALIBRATING THE CLUTCHES



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 completly to see the max value.

Fill in the value's in the Calibration tab

Device									
ZS LMP2-x Clutche's	Pin Config Button Config	Axes Config	Axes Curves	Shift Registers	Encoders	LED/PWM	Advanced Settings		
	Slider 1								
Device firmware v1 7 1b2									
	✓ Output Out			P				Calibrate	Set Center
	Inverted Raw			p				Minimum	-20000 🜲
	Buttons from axes 0							Center	-10000 🌲
							255	Maximum	0
Read config from Device	AU - AXIS ANI V AXIS SOURCE Show extended settings							Reset calibration	
	Slider 2								
	Sider 2								
Write config to Device	✓ Output Out			þ				Calibrate	Set Center
$\sim$	Inverted Raw			p				Minimum	-20000 \$
								Center	-10000 \$
	Buttons from axes		1 1 1 1	1 I I I I			1 1 1	Maximum	0 \$
	A1 - Axis Ani 💌 Axis source Show extended settings						Reset calibration		

Ones you calibrated the clutches correctly, you can now press 'Write config to Device' on the left side to apply the settings.

You can now check if they are calibrated correctly, if not, make changes and press Write config to Device again until you found the perfect configuration.



#### Dual Clutch Mode | Bite point



### FINISH! HAVE FUN!

#### Have fun!

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

If you have any questions or need help with the installation, don't hesitate to contact us any time. We are able to help from distance through Teamviewer or Discord.

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