RC4 FlexRig by mariachi

RC4 FlexRig by mariachi was created to make this impressive masterpiece of gaming fun even better.

After spending hours of hours with racing, truck driving and flying,
one feature of my loved RC4 was getting more and more anoying.

Regardless of what I drove or flew:

- a Porsche in Assetto Corsa
- an Indycar in Project Cars 2
- a Peterbilt in American Truck Simulator
- Helicopters and Planes in several sims

my seating position was more or less always the same.

And I didn‘t like spending too much time with switching devices between racing, trucking, flying planes or helicopters.

So my goal was: A as much as possible immersive feeling and quick changes between set-ups.

Slides are showing a selection of options. Enjoy and have fun.

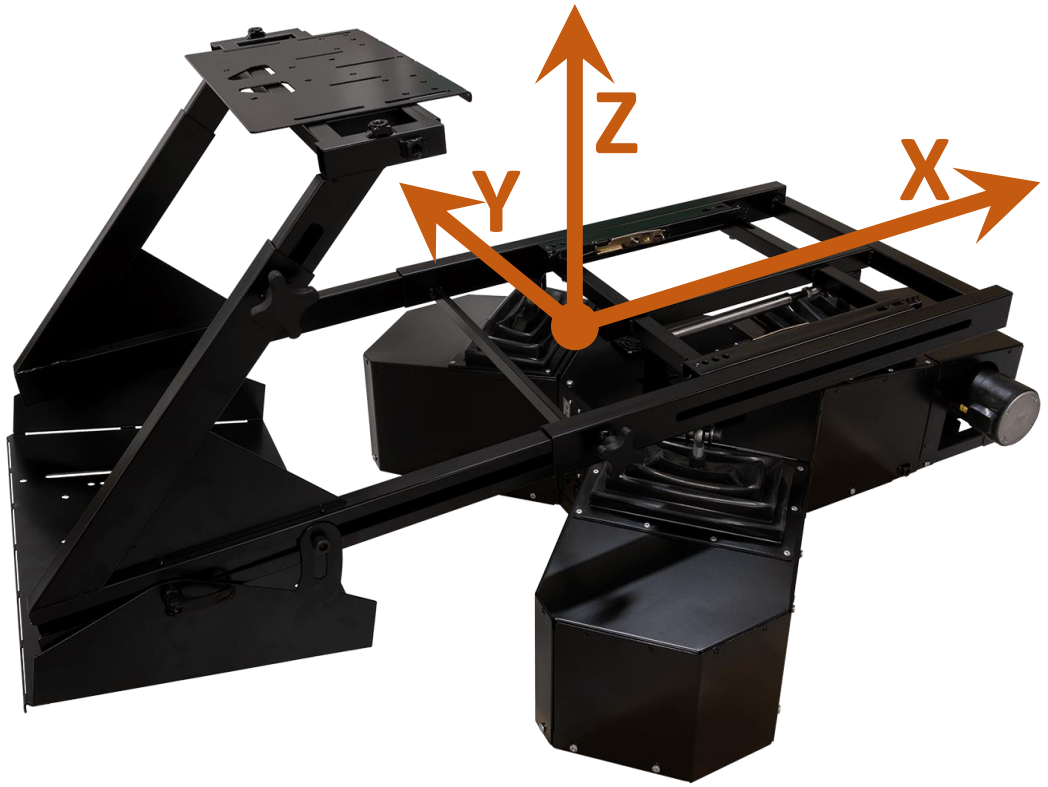
RC4 FlexRig by mariachi

Quick mount system:

Rivet nuts

plastic knob bolts

Adaptions made:



SEAT:

2 added and 1 extended DOF:

X: translatorial	0-150mm
Y: rotational axis	0 - 30°
Z: translatorial	0-150mm

Pedal Mount:

1 added and 1 extended DOF

X: translatorial	standard
Y: rotational axis	0 - 60°
Z: translatorial	0-280mm

Wheel Mount:

1 added DOF

X: translatorial	standard
Y: rotational axis	0 - 15°
Z: translatorial	standard

RC4 FlexRig by mariachi

Helicopter configuration: Thrustmaster T16000m FCS and Thrustmaster T-Flight Rudder

Cyclic control:

Center mounted
T16000m FCS Flightstick

Pedals control:

Adjustable, quick mount
Thrustmaster TFRP

Collective control:

Vertical mounted
Thrustmaster TWCS Throttle

RC4 FlexRig by mariachi

Jet fighter and center stick planes configuration: Thrustmaster T16000m FCS and Thrustmaster T-Flight Rudder

Jet or First Officer setup (right seat)

Captain setup (left seat)

Center stick control:

Center mounted
T16000m FCS Flightstick

Pedals control:

Adjustable, quick mount
Thrustmaster TFRP

Thrustlever: Captain and First Officer configuration

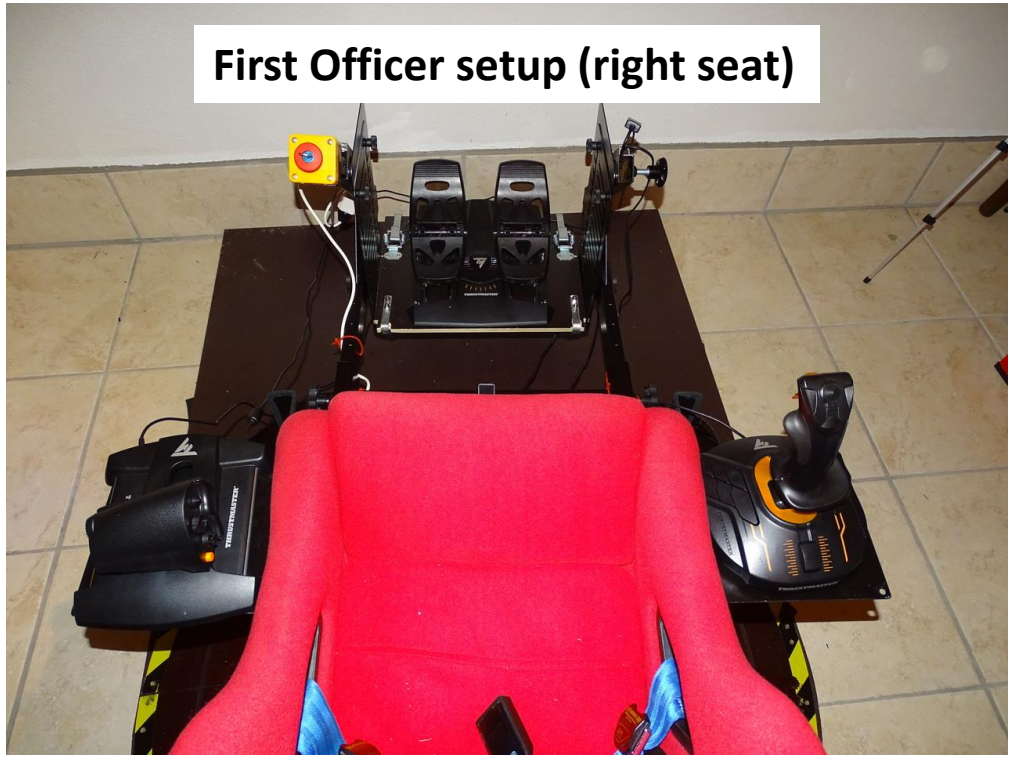
Horizontal mounted left or right side
Thrustmaster TWCS Throttle

RC4 FlexRig by mariachi

Airbus or side stick planes configuration: Thrustmaster T16000m FCS and Thrustmaster T-Flight Rudder

Captain setup (left seat)

First Officer setup (right seat)



Side stick control:

Side mounted left or right
T16000m FCS Flightstick

Pedals control:

Adjustable, quick mount
Thrustmaster TFRP

Thrustlever: Captain and First Officer configuration

Horizontal mounted right or left side
Thrustmaster TWCS Throttle

RC4 FlexRig by mariachi

Boeing or yoke planes configuration: SAITEK Pro Flight Yoke System with Thrustmaster T-Flight Rudder

Yoke control:

Saitek Pro Flight Yoke
0° tilt

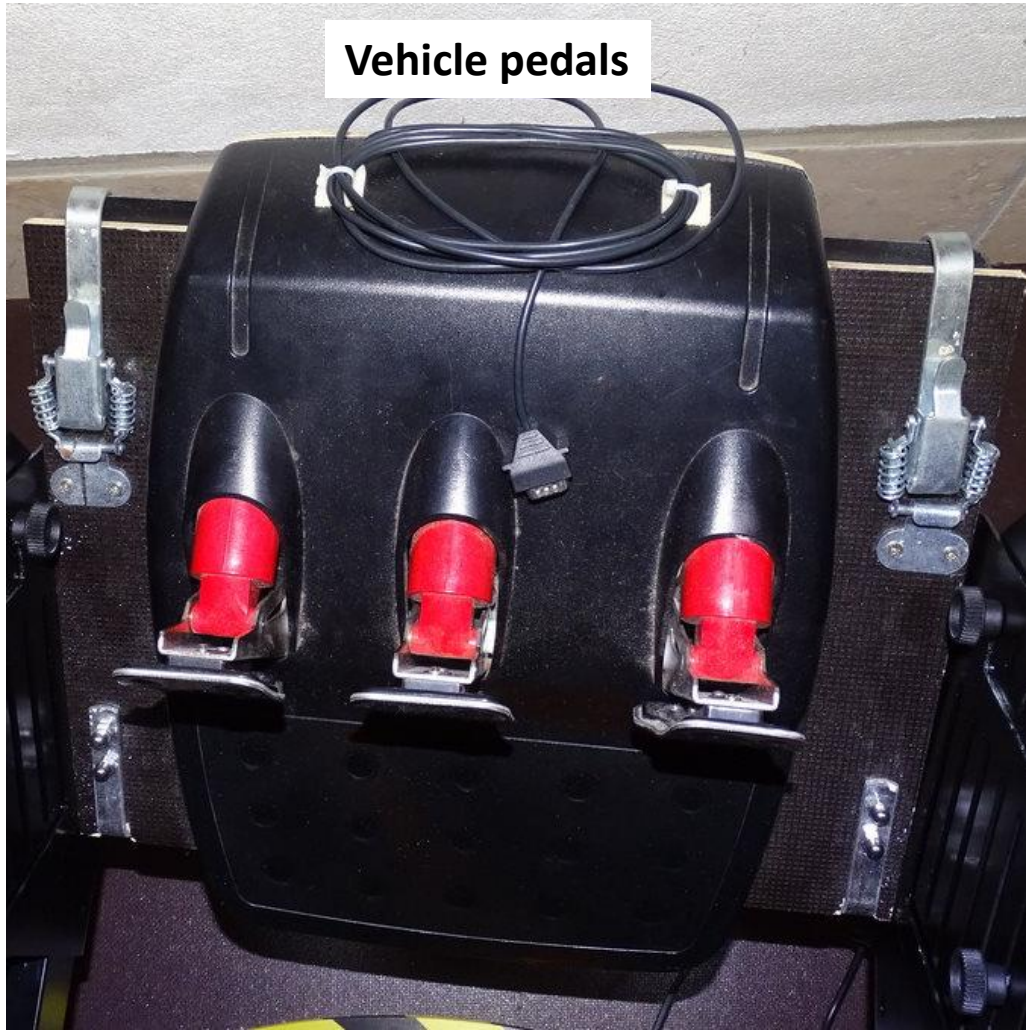
Throttle Quadrant: Captain configuration

Horizontal mounted left or right side
Saitek Pro Flight Yoke Throttle Quadrant

Pedals control:

Adjustable, quick mount
Thrustmaster TFRP

SMED (single minute exchange of device): Quick release and lock system for pedal systems



LHD and RHD configuration: Customized Logitech G25

RC4 FlexRig by mariachi

Truck configuration: Customized Logitech G25

SEAT:

Highest postion
0° tilt

Steering wheel and shifter

15° tilt wheel
Shifter in LHD configuration

Pedal:

Lowest position
0° tilt

RC4 FlexRig by mariachi

Racecar configuration: Customized Logitech G25

SEAT:

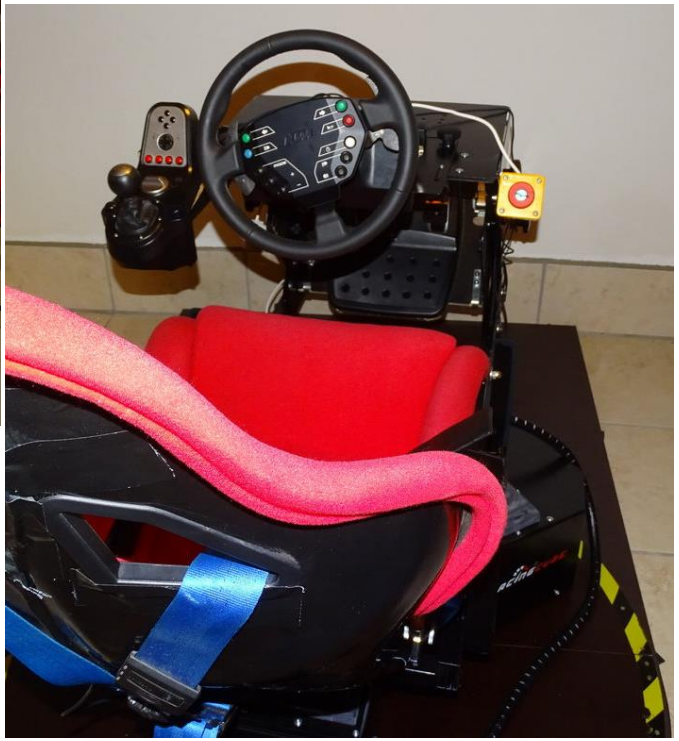
Lowest postion
30° tilt

Steering wheel and shifter

0° tilt wheel
Shifter in RHD configuration

Pedal:

Highest position normal range
30° tilt



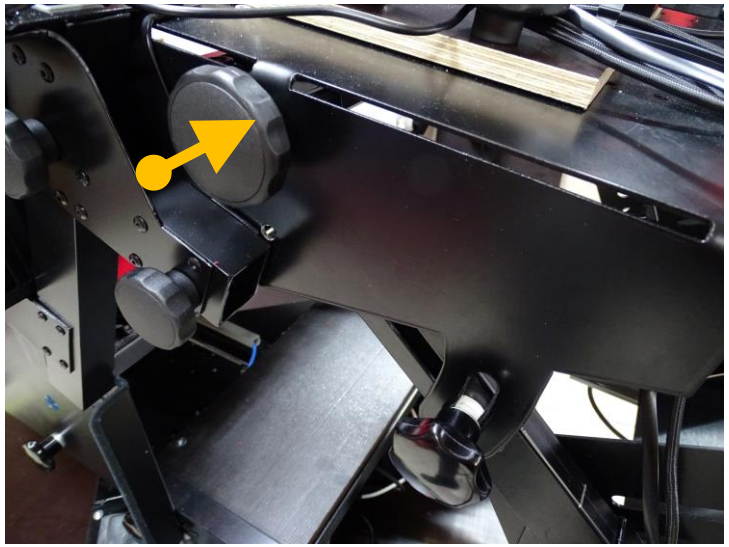
v3 Update:

Changing from customized Logitech G25 To Fanatec Podium DD1, CS Pedals and Shifter

v3 Update:

Wheel mount adaptions for Fanatec Podium DD1

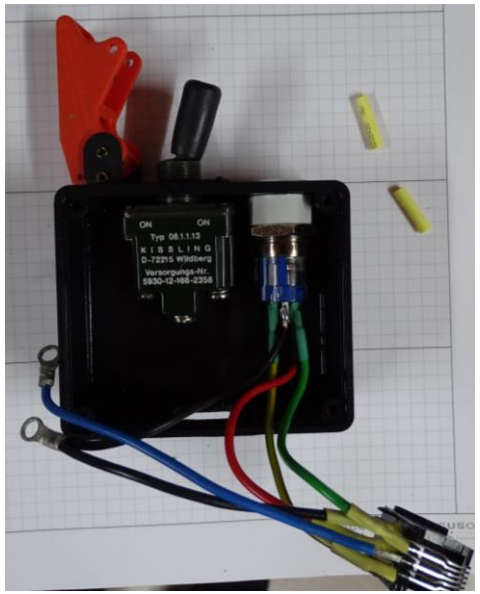
1) Rotation point of wheelsupport moved 45mm



2) New quickmount plate for DD1 wheelbase

v3 Update:
Wheel customization for Fanatec Podium DD1

1) DIY start- / kill switch for DD1

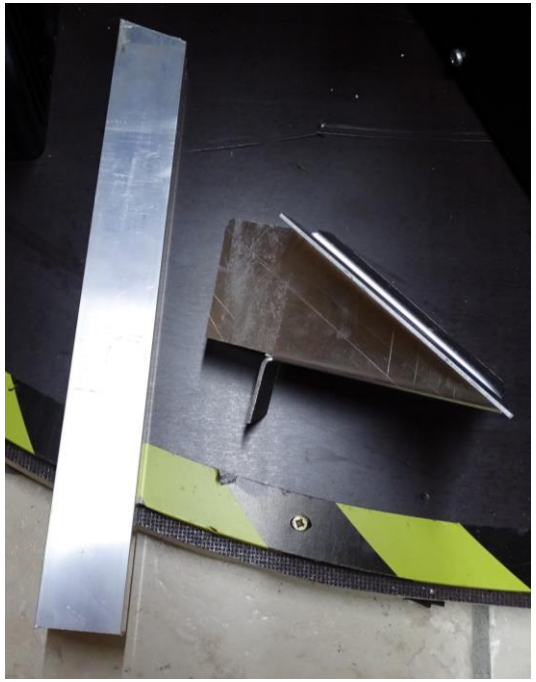


2) Karting wheel with button box mount

v3 Update:

Shifter customization for Fanatec ClubSport SQ

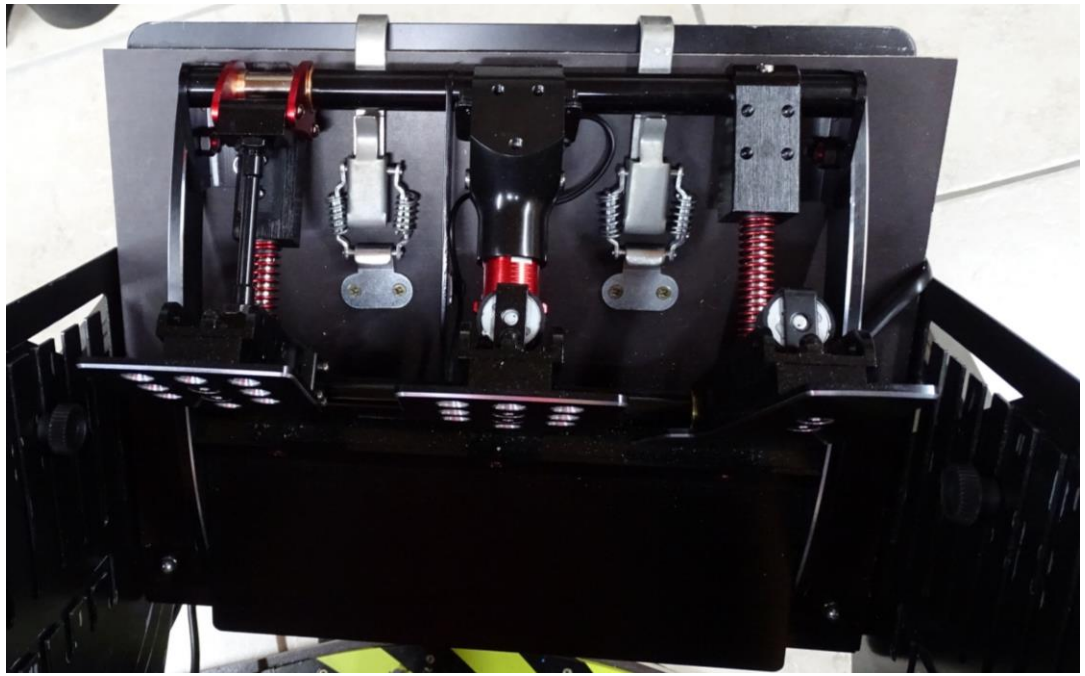
1) Aluminum quick mount for LHD / RHD use



v3 Update:

Customization for Fanatec ClubSport Pedals V3

1) New base plate for quick mount



v3 Update:
Cable optimization
2 cables only

All bolted to rivet nuts