

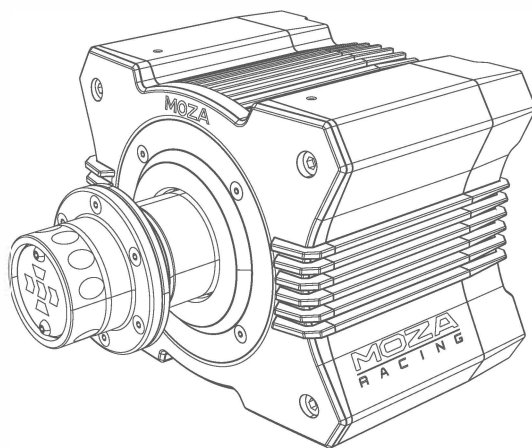
MOZA
R A C I N G

R5 Racing Simulator



User manual

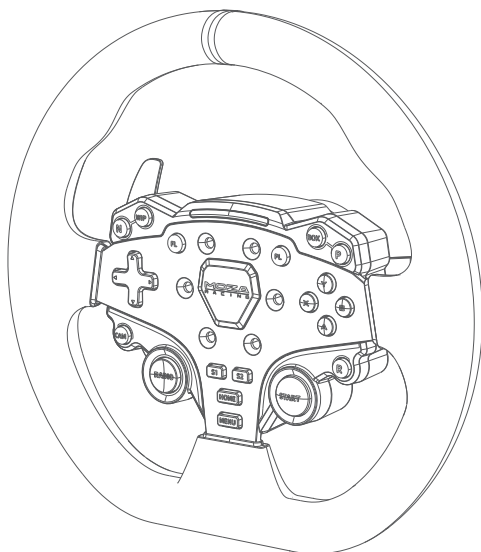
01 R5 Direct Drive Wheel Base



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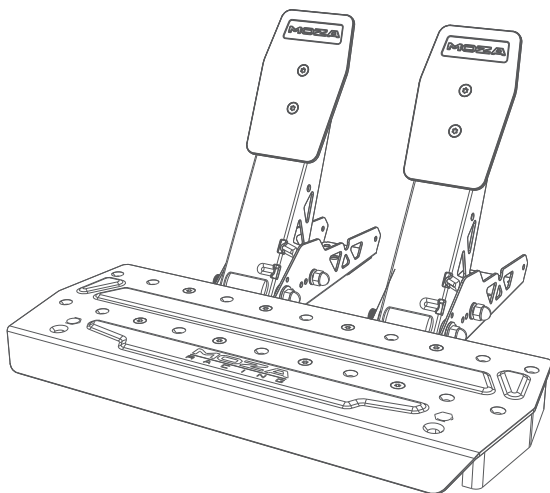
02 ES Steering Wheel



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03 SR-P Lite Racing Pedals



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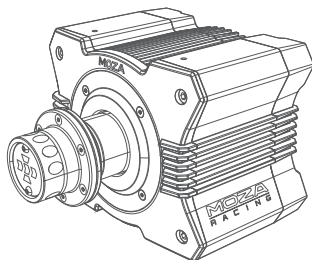
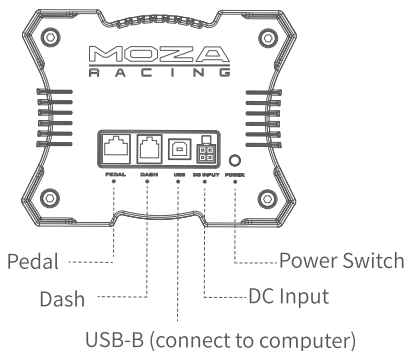
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01 R5 Direct Drive Wheel Base

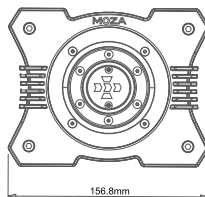
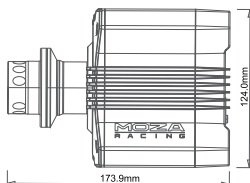
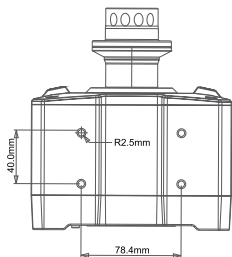
Product Features

- 5.5 N-m Peak Torque
- Servo Direct Drive System
- Aviation-grade Aluminum Alloy
- Ultra-low Torque Ripple and Cogging
- Intelligent Temperature Control System
- 15-bit Resolution
- MOZA Pit House Control Center Software
- MOZA App Cloud Control

Wheelbase Interface



Basic Parameters

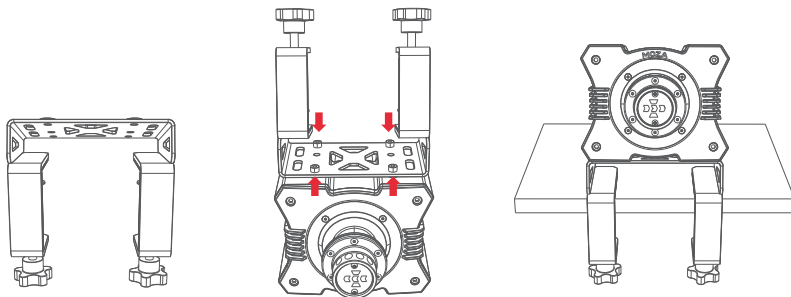


Installation Guide

1. Fix the base to the bracket through the 2-4 screw holes on the bottom of the base.
2. Insert the Type-B end of USB cable and power cable into corresponding ports on the rear of the R5 base.
3. Short press the power button (located on the rear of the R5 base) to power on the R5.
4. Navigate to MOZA Racing (www.mozaracing.com) and download the latest version of the MOZA Pit House Software Suite. Install it and start your racing journey!
5. For installation videos and further information, visit our official website (www.mozaracing.com)

Desk Clamp Installation Guide

Align the four screw holes on the bottom of the base with the mounting holes on the desk clamp and fix it to the desk clamp with 4 screws. Tighten the knobs on the desk clamp to the desktop and be sure to tighten up the knobs again to avoid the desk clamp from loosening and falling off during intense driving.



Precautions

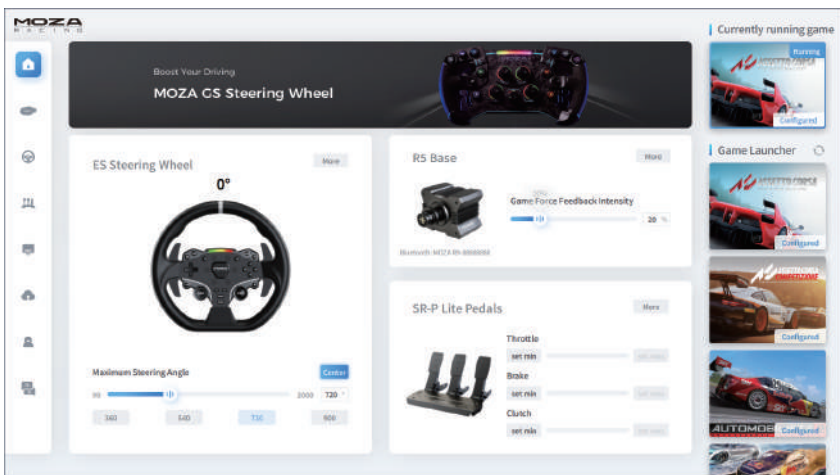
- Never expose the unit to rain or water to avoid fire / electric shock.
- Do not expose the unit to direct sunlight for extended periods as this may damage the unit.
- Excessive use may cause health risks to users, for the average user it is recommended to use no more than 2 hours a day.
- The R5 is not suitable for children under the age of 6, and smaller parts may present a choking hazard.
- Children under the age of 13 should be accompanied by a guardian when using the R5.
- It is forbidden to disassemble the device without the permission of MOZA, otherwise the user voluntarily voids their warranty.
- The R5 must be connected to a safe electronic power supply.

- If repair or replacement is required, only conduct this with MOZA directly or relevant authorized repair centers.
- Non-standard power supplies are prohibited from use.
- Use only AC power provided by a standard wall outlet to avoid damage to the R5.
- Do not expose the device to heat sources as this will damage the R5.
- If the R5 will not be used for an extended period, unplug the device.
- If you find an abnormality with the R5, please stop using the device immediately and contact MOZA directly or a relevant authorized dealer / center.
- Please follow the MOZA official website or relevant social media for the latest information on the R5 or related products.

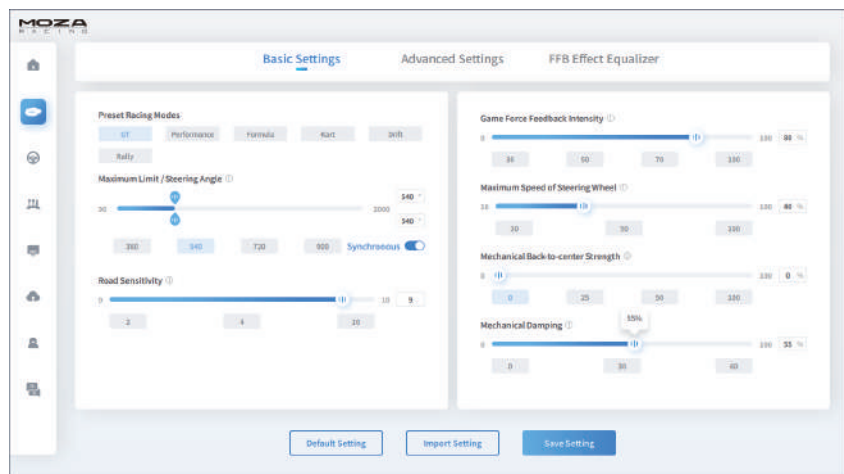
⚠ This product is designed as a simulator! Please remember to distinguish simulations from reality and drive safely!

Software Introduction

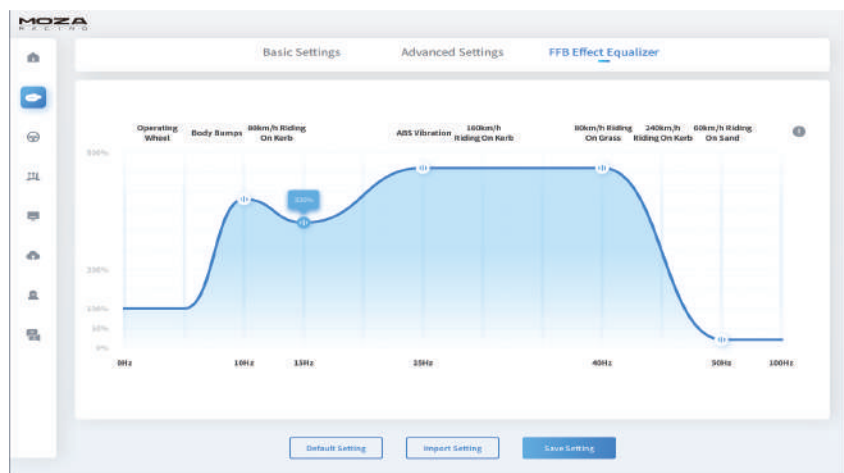
MOZA Pit House is MOZA's one stop software solution for the MOZA ecosystem. Here, users can check the status of all their connected MOZA devices. This also allows for vast configurations, including setting the base angle of the wheel, force feedback, pedal adjustments, HUD settings, game settings and more. It also allows for quick starting of relevant games if they have been detected on the computer.



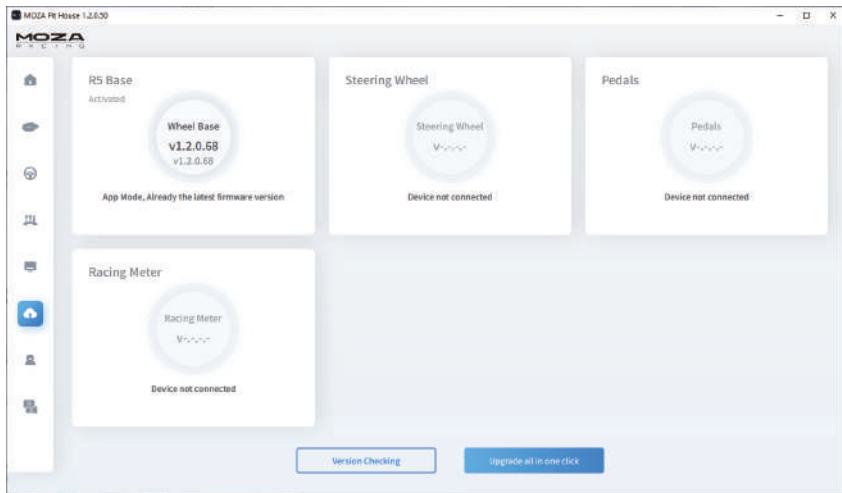
The included presets allow for beginners to quickly select a comfortable setting and get started in the world of racing, whereas more professional players have access to detailed and advanced configurations of their MOZA products should they wish to adjust.



One of our latest additions is the FFB Effect Equalizer, which allows for adjustments to give the best feeling of the road through the steering wheel as well as other surfaces (such as grass, or dirt).



Our one-click update system allows for a fast and seamless upgrade of the entire MOZA ecosystem, allowing users to quickly get into the action.



*For further software instructions, visit the official MOZA Racing website (www.mozaracing.com) help center page to download the latest instructions and manuals.

Product Parameters

Supported Platform: PC

Drive Form: Direct Drive

Maximum Turning Angle: 2700°

Base Material: Aviation-grade Aluminum Alloy

Base Color: Black

Maximum Torque Output: 5.5 Nm

Input Voltage: 110V~220V AC →12V DC

Resolution: 15-bit

USB Refresh Rate: 1000Hz

App Functionality: Supported

Quick Release System: Supported

Interface: Base, Power Port, Data Port, Display Support, Pedal Interface

Accessories: Product Manual and Warranty Card, Power Supply, Data Cable, Toolkit

Installation Method: 4 screws on bottom of base

Desktop Mount: Included

Online Firmware Upgrade Function: Supported

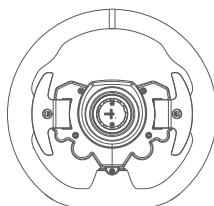
02 ES Steering Wheel

Product Description

- High-grade Leather and Stitching
- Aluminum Alloy Frame
- MOZA Racing Custom Quick Release
- Aluminum Alloy Shifter Paddles
- 22 Configurable Keys
- MOZA Flow Shift Color Indicator Lighting

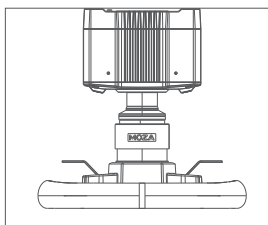
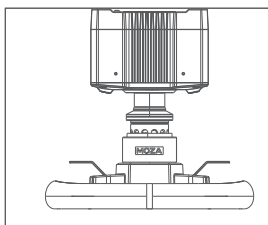
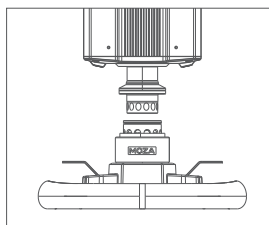


Front



Rear

Quick Release Instructions

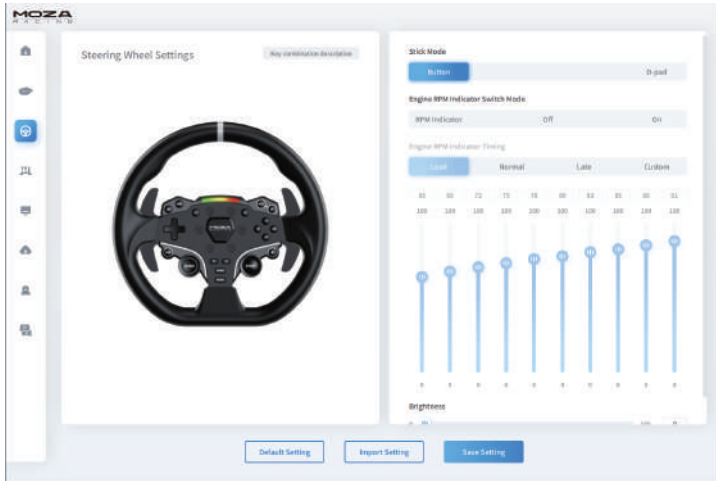


1. Align the 6 steel balls on the steering wheel with the 6 grooves on the wheelbase.
2. Press the wheel into the wheelbase, keeping the balls aligned with each other.
3. The quick release will automatically snap into place, locking the wheel to the base. If the quick release does not lock, try rotating the panel on the base to its default position, and try again until it locks correctly.
4. To remove the wheel from the base, simply use two hands to pull back on the outer ring (black color) and pull the wheel out at the same time.

Wheel Configuration

Using MOZA Pit House, our software suite, the ES steering wheel can easily be set up and configured to your liking.

- Joystick Mode: Can be configured as buttons or keys.
- Indicator Light Switch: Allows for switching the indicator light off, on, or specific speed settings.
- Indicator Light Display Mode: Divided into two modes, toggled in the MOZA Pit house suite.
- Speed Adjustment: Adjustable according to speed and the timing of the shift indicator light, with different presets available.
- Brightness Adjustment: Allows for adjusting of the brightness of the shift indicator.



(For further information on specific steering wheel settings or functions using the MOZA Pit House Suite, visit our official website at www.mozaracing.com)

Product Parameters

Wheel Material: Microfiber Leather

Frame Material: Aluminum Alloy

Shifter Material: Aluminum Alloy

Size: 11 Inches

Buttons: 22 (Configurable)

LED Count (Strip): 10 LEDs

Smart Telemetry: Supported

MOZA Pit House Light Configuration: Supported

Quick Release: Supported

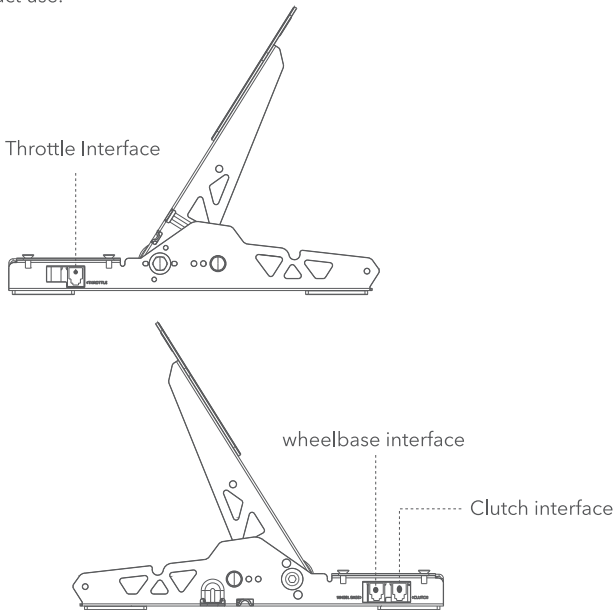
03 SR-P Lite Racing Pedals

Product Description

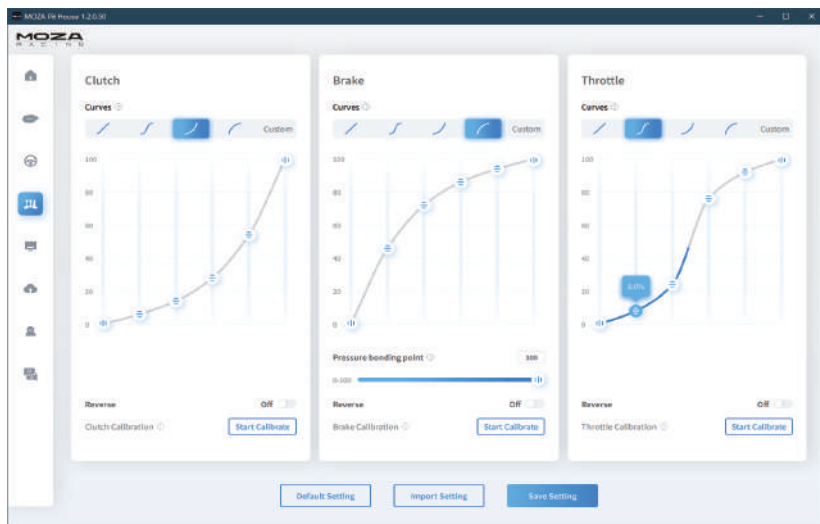
- High-strength Steel Pedals
- High Precision Hall Sensor
- Compatible with a variety of setups
- Adjustable Pedal Spacing
- Detachable Pedals
- Pedal Input Adjustable (Software)

Pedal Installation Process

1. Install the pedals onto the included footrest using the mounting holes. Use a 2.5mm hexagon wrench to fix the M4*10 screws into the footrest. To ensure stability and that the pedals will remain secure, it is recommended to use all four screws and install firmly.
2. Connect the pedal wires to the corresponding included interface, using the wire clip under the pedal base to clamp the wires, preventing them from coming loose or interfering with product use.



- Open the MOZA Pit House software suite to preview and confirm the status of each pedal. If the device is still colored grey or does not respond after using the pedal, please unplug the base, close the MOZA Pit House, restart your PC and reconnect the base, finally opening the MOZA Pit House again.
- The pedal input (start, end point, stroke detail) can all be adjusted within the MOZA Pit House suite.



Pedal Spacing Adjustment

Select the relevant screw holes of the pedal you wish to adjust, loosen the pedal, and move it either left or right to align the pedal as you wish, tightening the screws to lock the pedal into place (adjusting the distance between the throttle, brake and clutch is the same).

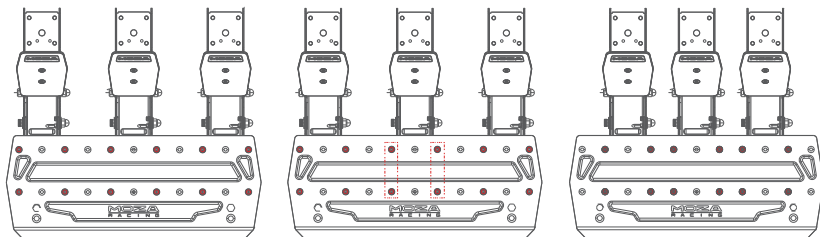
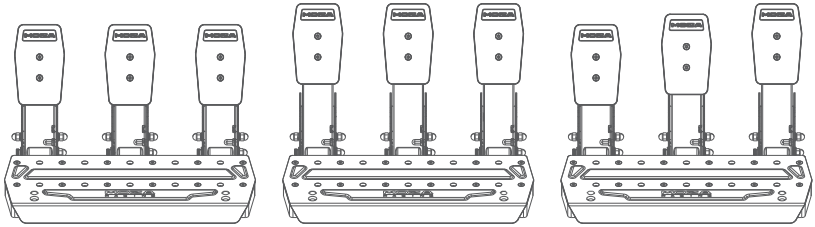


Plate Height Adjustment

Using a 2.5mm hexagon wrench, adjust the screws on the pedal board counterclockwise, then use a 7mm open-end wrench to remove the back nut and board screw. You may then move the board up and down to adjust the height according to your needs, then screwing the back nut and board screw back into place. Adjustments to the throttle, brake and clutch are done in the same way.



Product Parameters

Pedal Material: High-strength Steel

Panel Material: High-strength Steel

Color: Black

Throttle Sensor: Hall Sensor

Pedal Spacing: Adjustable

Pedal Height: Adjustable

Pedal Input Adjustment: Software Supported

Pedal Reversible Function: Supported

Pedal Output Curve Adjustment: Software Supported

Anti-slip Pedal Bottom: Included

04 Packing List

- R5 Direct Drive Wheelbase
- ES Racing Steering Wheel
- SR-P Lite Racing Pedals
- 15 Degree Desktop Mount