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MOZA RS0005

MOZA CM2 HD Racing Dash Sim Racing Dashboard Display User Manual

Model: RS0005

1. INTRODUCTION

The MOZA CM2 HD Racing Dash is a high-performance sim racing dashboard display designed to enhance your racing simulation experience. Featuring a 5-inch 720P HD touchscreen, customizable user interface, and integrated shift indicators, it provides essential real-time data and visual cues directly within your line of sight. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

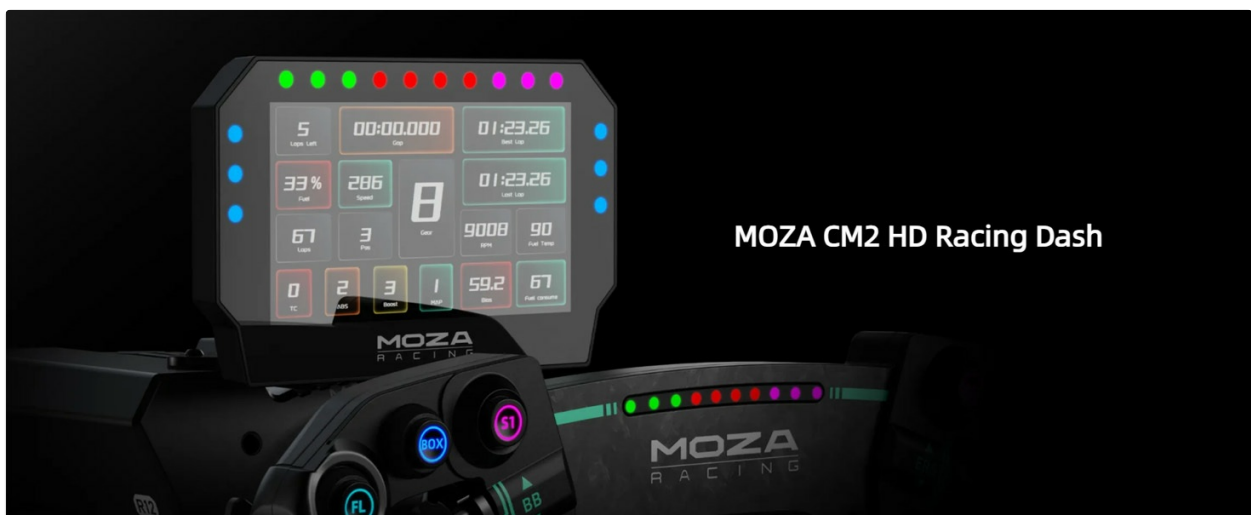


Image 1.1: The MOZA CM2 HD Racing Dash, a compact and powerful sim racing display.

2. WHAT'S IN THE BOX

Please verify that all the following items are included in your package:

- Dash Monitor
- Hexagon Wrench
- M3*8 Socket Head Screws
- M3*14 Socket Head Screws
- 3M Foam Adhesive

3. SETUP

3.1 Mounting the Racing Dash

The MOZA CM2 HD Racing Dash is designed for easy integration with your sim racing setup. It can be mounted directly to compatible MOZA wheelbases or other rigs using the provided screws and adhesive.

1. Identify the mounting points on your wheelbase or rig.
2. Use the supplied M3*8 or M3*14 Socket Head Screws to securely attach the dash monitor. Ensure a firm connection to prevent movement during use.
3. For additional stability or alternative mounting, utilize the 3M Foam Adhesive as needed.

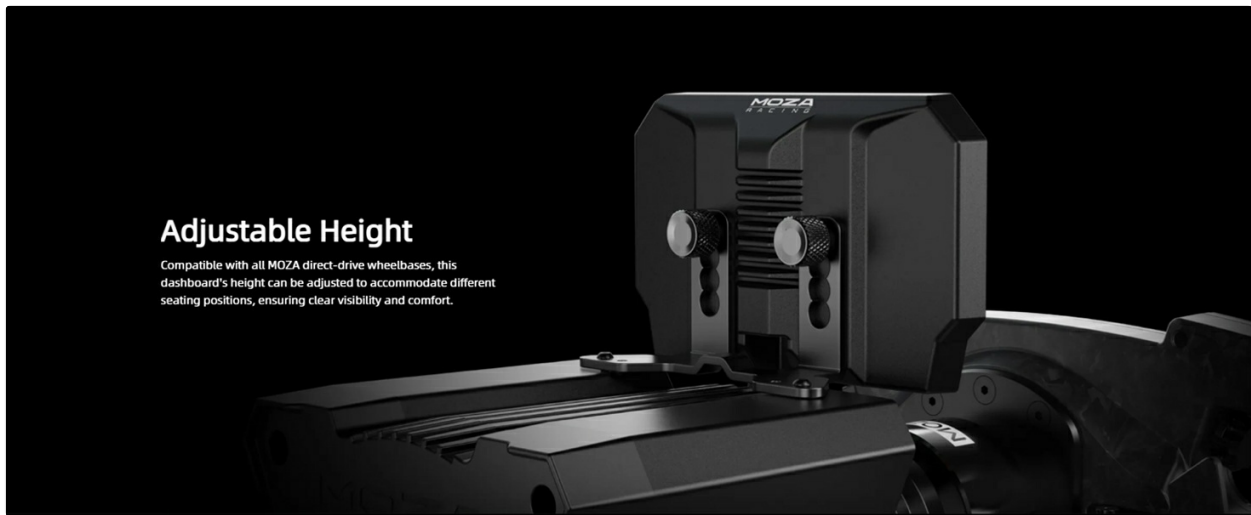


Image 3.1: The MOZA CM2 HD Racing Dash seamlessly integrated into a sim racing cockpit.

3.2 Adjusting Height

The dashboard's height can be adjusted to accommodate different seating positions, ensuring clear visibility and comfort during your racing sessions.

- Use the Hexagon Wrench to loosen the adjustment screws on the mounting bracket.
- Carefully slide the dash to your desired height.
- Tighten the adjustment screws firmly to secure the dash in place.



Adjustable Height

Compatible with all MOZA direct-drive wheelbases, this dashboard's height can be adjusted to accommodate different seating positions, ensuring clear visibility and comfort.

Image 3.2: Adjustable height feature for optimal viewing angle.

3.3 Connectivity

The MOZA CM2 HD Racing Dash offers versatile connectivity options:

- **MOZA Wheelbases:** Seamlessly connect via the RJ11 port for integrated functionality within the MOZA ecosystem.
- **PC Connectivity:** For setups outside the MOZA ecosystem, use the USB direct to PC connection. This ensures full compatibility with a wide range of third-party systems.



Image 3.3: The MOZA CM2 HD Racing Dash supports an open ecosystem for broad compatibility.

4. OPERATING INSTRUCTIONS

4.1 5-inch 720P HD Touchscreen

The dash features a high-resolution 5-inch (1280x720) capacitive touchscreen with a 60Hz refresh rate, delivering a responsive and vibrant display for all your racing data.



720P HD Touchscreen

The MOZA CM2 racing dash features a high-resolution 5-inch 720P (1280x720) capacitive touchscreen with a 60Hz refresh rate, delivering a responsive and vibrant display.

5 inch
Screen Size

720 P
Resolution

60 Hz
Refresh Rate

Image 4.1: The 720P HD Touchscreen provides clear and responsive feedback.

4.2 Customizable Dashboard UI System

MOZA offers a proprietary customizable UI system. Through MOZA Pit House software, users can choose from a range of pre-set dashboard layouts or design their own unique interface. These custom designs can be shared on the MOZA community platform, enabling users to showcase their creations or download and apply designs made by others.



Image 4.2: Customize your dashboard layout to suit your preferences.

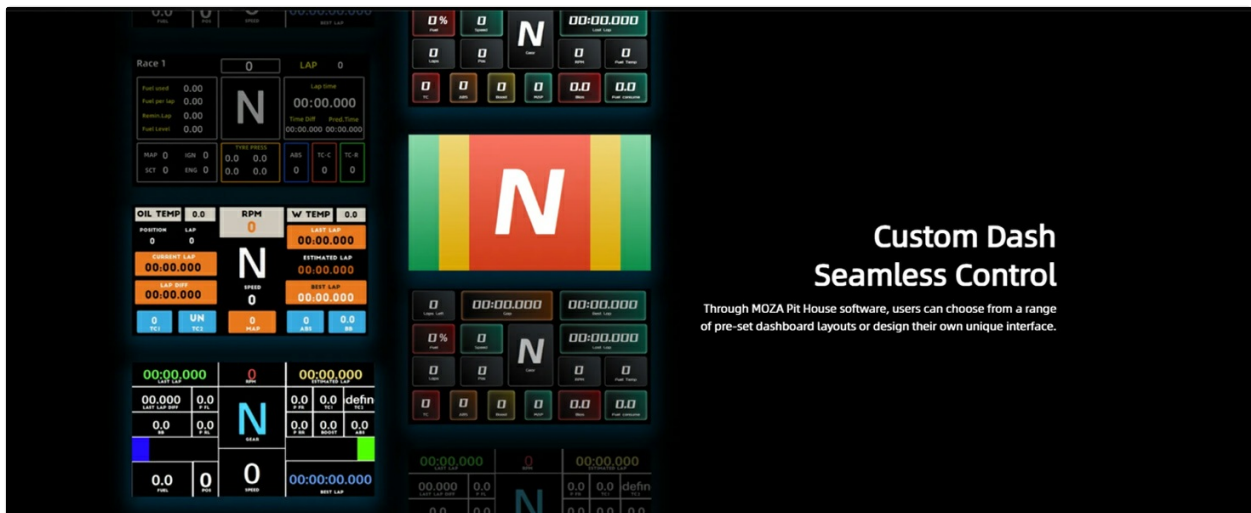


Image 4.3: Seamless control over custom dash designs.

4.3 Shift Indicators and Flag Lights

Equipped with 10 high-brightness RGB shift lights in a professional top-mounted LED layout, this dashboard helps drivers shift at the perfect moment without looking down, using data such as speed and engine RPM. Additionally, 6 flag lights provide crucial race information, enhancing smooth, efficient driving, especially in precision racing.

Shift Indicators

Equipped with 10 high-brightness RGB shift lights in a professional top-mounted LED layout, this dashboard helps drivers shift at the perfect moment without looking down, using data such as speed and engine RPM. This setup enhances smooth, efficient driving, especially in precision racing.

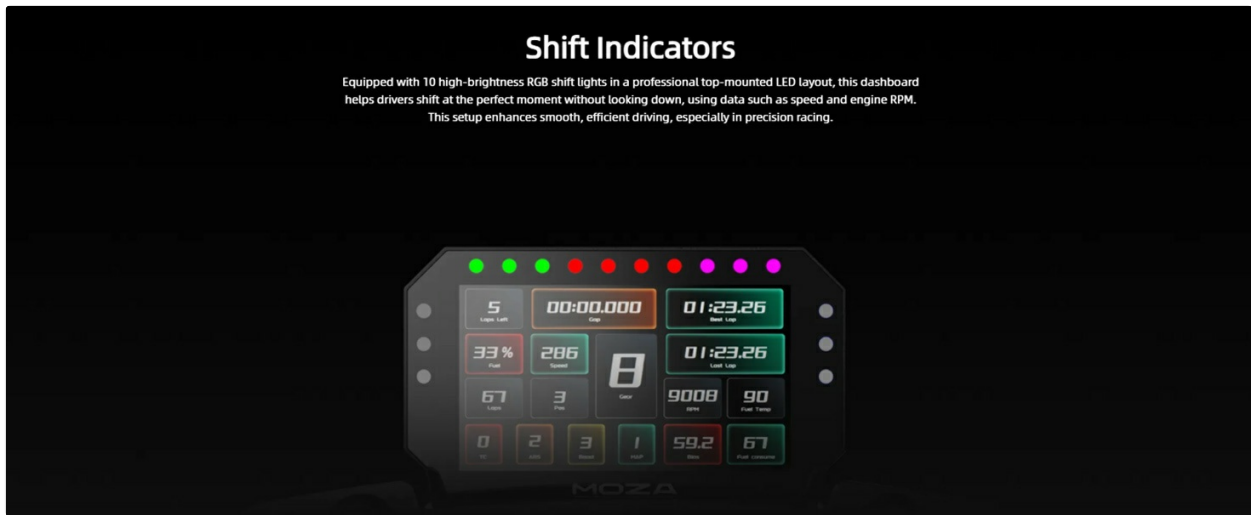


Image 4.4: RGB shift indicators and flag lights for real-time race data.

4.4 Supported Racing Simulations

The MOZA CM2 HD Racing Dash supports popular racing simulations such as Assetto Corsa, Assetto Corsa Competizione, F1, Project Cars 2, DiRT Rally 2, and many more, providing immediate support for mainstream racing games.



Image 4.5: The dashboard is compatible with a wide range of popular racing simulators.

4.5 Video Demonstration

Video 4.1: This video demonstrates the MOZA ecosystem, including the dashboard's features and integration with other MOZA accessories.

5. MAINTENANCE

To ensure the longevity and optimal performance of your MOZA CM2 HD Racing Dash, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, anti-static cloth to clean the touchscreen and casing. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Storage:** When not in use for extended periods, store the dash in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure all cables are neatly routed and not under tension to prevent damage to connectors or wires.

6. TROUBLESHOOTING

If you encounter any issues with your MOZA CM2 HD Racing Dash, please refer to the following common troubleshooting steps:

- **No Power/Display:** Check all power connections and ensure the USB or RJ11 cable is securely connected to both the dash and your PC/wheelbase.
- **Display Not Responding:** Restart your PC and the racing simulation software. Ensure MOZA Pit House software is up-to-date.
- **Incorrect Data Display:** Verify that the dash is correctly configured within your racing simulation software and MOZA Pit House. Ensure the game is supported.
- **Physical Damage:** Inspect the dash for any visible damage. If damage is present, contact MOZA support for assistance.

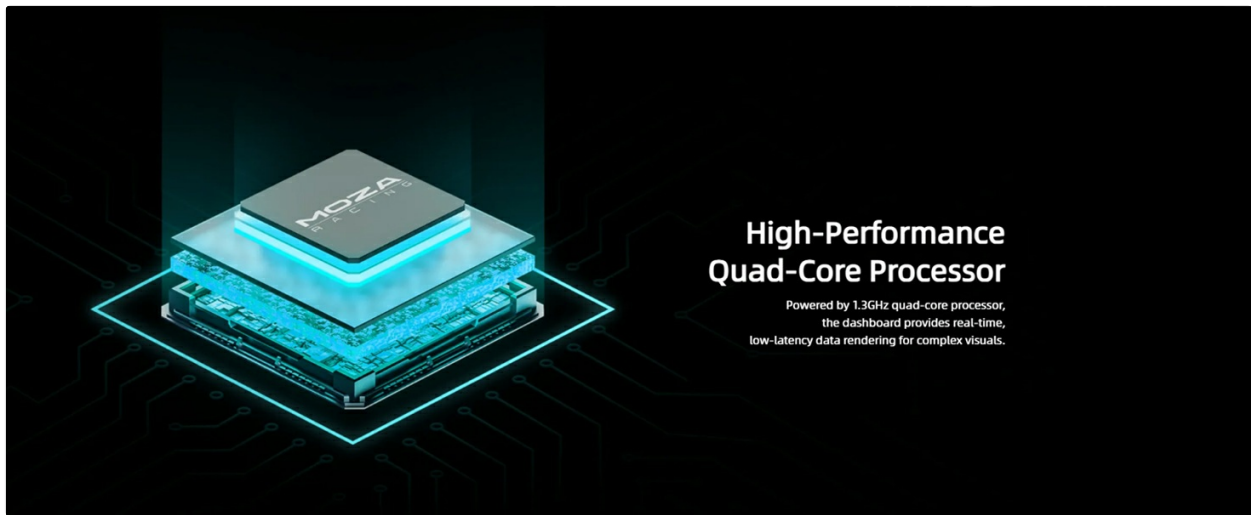
7. SPECIFICATIONS

Key technical specifications for the MOZA CM2 HD Racing Dash:

Feature	Specification
Screen Size	5 inches
Resolution	720P HD (1280x720)
Refresh Rate	60Hz
Processor	High-Performance Quad-Core Processor (1.3GHz)
Shift Indicators	10 RGB LEDs
Flag Lights	6 LEDs
Casing Material	Durable Aluminum Alloy Rear Casing
Design	Sleek Ultra-Slim Floating Design
Connectivity	RJ11 (MOZA wheelbases), USB (PC)
Item Weight	1.54 pounds
Package Dimensions	8.31 x 5.35 x 2.91 inches
Item Model Number	RS0005

7.1 Internal Components

The dash is powered by a 1.3GHz quad-core processor, providing real-time, low-latency data rendering for complex visuals.



High-Performance Quad-Core Processor

Powered by 1.3GHz quad-core processor, the dashboard provides real-time, low-latency data rendering for complex visuals.

Image 7.1: High-performance quad-core processor for smooth data display.

7.2 Construction

Designed with an aluminum alloy rear casing and high-strength steel mount, this dashboard is durable yet lightweight, ensuring stability and longevity.



Durable Aluminum Alloy Rear Casing

Designed with an aluminum alloy rear casing and high-strength steel mount, this dashboard is durable yet lightweight.

Image 7.2: Durable aluminum alloy rear casing for robust construction.



Sleek Ultra-Slim Floating Design

Inspired by modern automotive screens, the dashboard features a slim, floating design with a sleek, minimalist aesthetic.

Image 7.3: The sleek, ultra-slim floating design offers a minimalist aesthetic.

8. WARRANTY INFORMATION

For detailed warranty information regarding your MOZA CM2 HD Racing Dash, please refer to the official MOZA Racing website or contact their customer support. Warranty terms and conditions may vary by region and retailer.

9. SUPPORT

For further assistance, technical support, or to explore additional MOZA Racing products and accessories, please visit the official MOZA Racing website:

[Visit the MOZA Store](#)