

DOYO R270

DOYO R270 Racing Steering Wheel User Manual

MODEL: R270

Introduction

This manual provides essential instructions for the setup, operation, and maintenance of your DOYO R270 Racing Steering Wheel. This device is designed to enhance your racing simulation experience across multiple gaming platforms, including PC, Xbox Series X|S, Xbox One, PS4, PS3, and Nintendo Switch. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

Package Contents

- DOYO R270 Racing Steering Wheel
- Pedal Unit (Accelerator and Brake)
- Gear Shifter
- Mounting Clamps
- User Manual (This Document)

Product Overview

Familiarize yourself with the components of your DOYO R270 Racing Steering Wheel system.



Image: The complete DOYO R270 Racing Steering Wheel setup, including the steering wheel, pedal unit, and gear shifter.

Key Components:

- **Steering Wheel:** Main control unit with buttons, D-pad, and paddle shifters.
- **Pedal Unit:** Separate unit with accelerator and brake pedals.
- **Gear Shifter:** External lever for manual gear changes.
- **Mounting Clamps:** For securing the steering wheel to a desk or table.

Setup Instructions

1. Mounting the Steering Wheel

The steering wheel can be securely attached to a desk or table using the included clamps. Alternatively, its curved base allows for comfortable lap play.

Innovation Design Clamps



Image: Detailed view of the clamp mounting system, showing how to attach the steering wheel to surfaces of varying thickness (0.2 inches to 2.44 inches).

1. Place the steering wheel on a stable surface.
2. Attach the mounting clamps to the underside of the steering wheel and tighten them to secure the unit to your desk or table. Ensure the clamps are firmly fastened to prevent movement during use.

2. Connecting Pedals and Gear Shifter

Connect the pedal unit and gear shifter to the designated ports on the back of the steering wheel unit. Ensure all connections are firm.

3. Platform Connection

The DOYO R270 is compatible with multiple platforms. Connect the main USB cable from the steering wheel to an available USB port on your gaming console or PC.

For 7 gaming platforms

Plug & play



Xbox one



PS4



PC



Xbox360



Switch



PS3



Android TV



Image: Visual representation of the steering wheel's compatibility with various gaming platforms, including Xbox One, PS4, PC, Xbox 360, Nintendo Switch, PS3, and Android TV.

- **PC:** Connect via USB. Drivers may be required for some games; check the DOYO support website for the latest drivers if needed.
- **Xbox Series X|S / Xbox One / PS4 / PS3 / Nintendo Switch:** Connect via USB. The system should automatically recognize the device.

Operating Instructions

1. Basic Controls

- **Steering:** The wheel offers 270 degrees of rotation for precise control.
- **Acceleration:** Press the right pedal on the pedal unit.
- **Braking:** Press the left pedal on the pedal unit.
- **Gear Shifting:** Use the external gear shifter or the paddle shifters located behind the steering wheel.



Image: A user demonstrating the 270-degree rotation capability of the DOYO R270 steering wheel, highlighting its range of motion.

2. Sensitivity Adjustment

The steering wheel features 7 levels of sensitivity adjustment to suit different driving styles and game requirements. The default setting is Grade 4.

7-Level Sensitivity modes



Image: A close-up of the steering wheel's 'SEN' button and corresponding LED indicators, illustrating the 7-level sensitivity modes from Grade 1 to Grade 7.

To adjust sensitivity, press the 'SEN' button on the steering wheel. The LED indicators will change to reflect the current sensitivity grade.

3. Dual Vibration Feedback

The steering wheel is equipped with dual vibration motors that provide realistic force feedback, simulating in-game events such as collisions, road textures, and engine vibrations.

DOUBLE MOTOR VIBRATION

Real vibration, simulate the real gaming experience according to the scene



Foot Pedals

Customizable input Sensitivity Adjust pedal sensitivity for nuanced acceleration.
Big size and comfortable for foot.
Four Powerful suction pads
Firmly attach the pedals to any flat floor surface



Image: An illustration highlighting the dual motor vibration feature of the steering wheel and the customizable input sensitivity of the foot pedals, which include four powerful suction pads for stability.

4. Analog Pedal Control

The pedal unit features 256-level analog change, allowing for nuanced acceleration and braking control, enhancing the realism of your driving experience.

256-Level analog change



Image: A close-up of the pedal unit, illustrating the 256-level analog change capability for precise control over acceleration and braking.

5. Recommended Games

The DOYO R270 Racing Steering Wheel is compatible with a wide range of racing titles across various platforms.

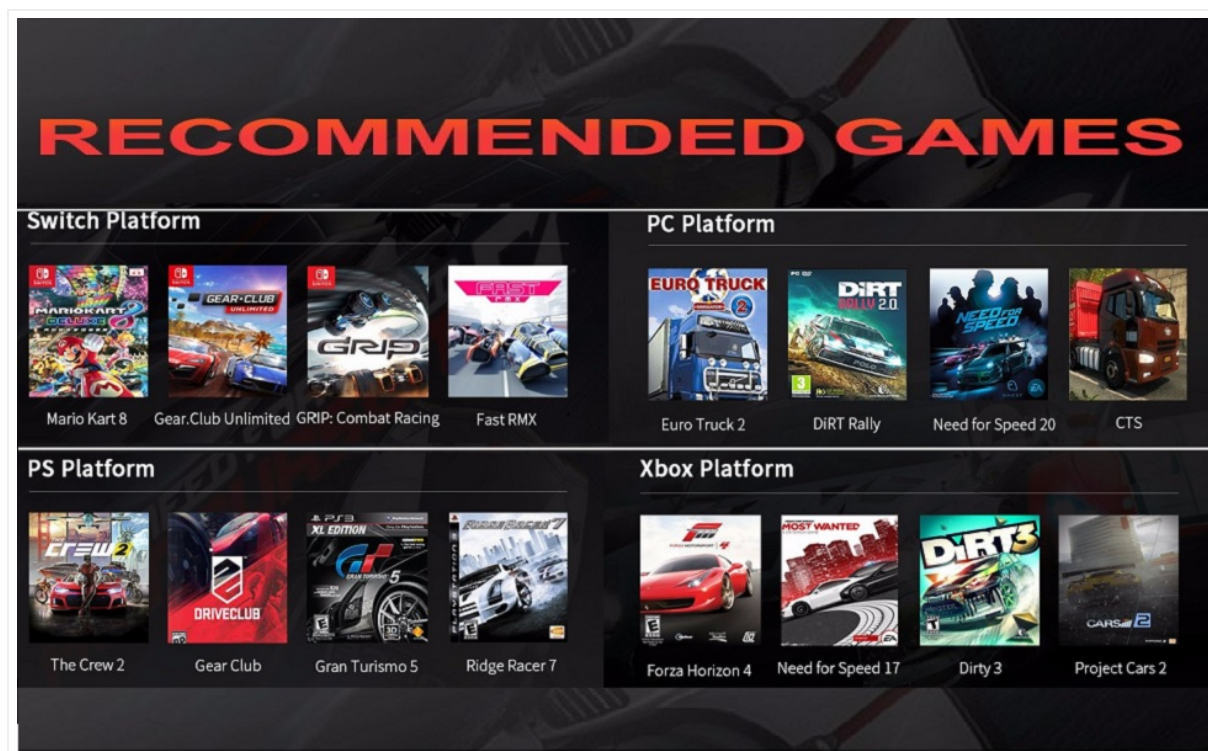


Image: A grid displaying recommended racing games categorized by platform (Switch, PC, PlayStation, Xbox) that are compatible with the DOYO R270 Racing Steering Wheel.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the steering wheel, pedals, and shifter. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the device in a clean, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure cables are not tangled or pinched to prevent damage.

Troubleshooting

If you encounter issues, please refer to the following common solutions:

- **Device Not Recognized:** Ensure all USB cables and interfaces are firmly connected. Try connecting to a different USB port. Restart your console or PC.
- **Abnormal Input / Calibration Issues:** Check your console or PC button mapping and driver settings. Recalibrate the device within the game settings if necessary. If using a wireless receiver (not applicable for this wired model, but generally for other devices), check for possible signal interference.
- **No Vibration Feedback:** Verify that vibration settings are enabled in your game and system settings. Ensure the device is properly connected.
- **Pedals Not Responding:** Check the connection of the pedal unit to the steering wheel. Ensure no debris is obstructing the pedals.

Specifications

Model Number	R270
Rotation Angle	270 degrees

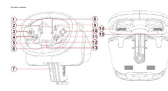


Vibration	Dual Motor Vibration Feedback
Pedal Type	Analog (256-level change)
Connectivity	USB Wired
Compatibility	PC, Xbox Series X S, Xbox One, PS4, PS3, Nintendo Switch
Product Dimensions	9.6 x 13 x 9.6 inches
Item Weight	5.73 pounds

Warranty and Support

DOYO is committed to providing quality products and customer satisfaction. Your purchase includes reliable customer support. For any issues or inquiries not covered in this manual, please contact DOYO customer service. Specific warranty details may vary by region and retailer; please refer to your purchase documentation for more information.

Related Documents - R270

<div><p>DOYO Racing Wheel Driver Download and PC Connection Troubleshooting Guide</p><p>Download drivers for your DOYO racing wheel and find solutions to common PC connection issues, including pedal and vibration problems. Compatible with Xbox, PS4, and PC.</p></div>	<div><p>DOYO Racing Wheel Driver Download and PC Connection Troubleshooting Guide</p><p>Download drivers for your DOYO racing wheel and find solutions to common PC connection issues, including pedal and vibration problems. Compatible with Xbox, PS4, and PC.</p></div>
<div><p>DOYO R808 Steering Wheel PC Connection Guide and Troubleshooting</p><p>Troubleshooting guide for the DOYO R808 steering wheel, covering PC connection issues, driver downloads, and input mode settings for optimal gaming performance.</p></div>	<div><p>DOYO R808 Steering Wheel PC Connection Guide and Troubleshooting</p><p>Troubleshooting guide for the DOYO R808 steering wheel, covering PC connection issues, driver downloads, and input mode settings for optimal gaming performance.</p></div>
<div><p>R808A 1080 Degree Guided Wired Steering Wheel</p><p>This document provides a comprehensive guide to the R808A 1080 Degree Guided Wired Steering Wheel, covering precautions, function introductions, connection guides for various platforms (PC, PS3, PS4, PS5, Nintendo Switch, Xbox One, Xbox Series X), driver installation, and troubleshooting.</p></div>	<div><p>R808A 1080 Degree Guided Wired Steering Wheel User Manual</p><p>This document provides a comprehensive guide to the R808A 1080 Degree Guided Wired Steering Wheel, covering precautions, function introductions, connection guides for various platforms (PC, PS3, PS4, PS5, Nintendo Switch, Xbox One, Xbox Series X), driver installation, and troubleshooting.</p></div>

<p>DOYO 820 270 Degree Bluetooth Steering Wheel User Manual</p> 	<p>DOYO 820 270 Degree Bluetooth Steering Wheel User Manual</p> <p>Comprehensive user manual for the DOYO 820 270 Degree Bluetooth Steering Wheel, detailing its features, setup, and usage across multiple platforms including PS4, PS3, Nintendo Switch, PC (Windows), iOS, and Android. Learn about connection methods, button functions, advanced settings like dead zone and sensitivity adjustment, vibration control, firmware upgrades, and troubleshooting.</p>
<p>KT612 Wireless Guitar Controller</p> 	<p>KT612 Wireless Guitar Controller for PC/PS3 - Function Instructions and Setup Guide</p> <p>Comprehensive instructions for the KT612 wireless 2-in-1 guitar controller, covering setup, connection to PS3 and PC, game mode switching, button functions, and troubleshooting for Guitar Hero and Rockband games, plus Clone Heroes setup.</p>
<p>711B PC 2.4G Wireless Controller</p> 	<p>711B PC 2.4G Wireless Controller User Manual</p> <p>User manual for the 711B PC 2.4G Wireless Controller, covering product functions, special features, connection to PC, driver installation (Xinput and Directinput), function detection (button test, joystick calibration, vibration test), sleep/wake modes, low voltage reminders, and electrical parameters.</p>