PXN PXN Steering Wheel - W AS

PXN W AS Gaming Racing Wheel User Manual

Model: PXN Steering Wheel - W AS | Brand: PXN

1. INTRODUCTION

This manual provides comprehensive instructions for the PXN W AS Gaming Racing Wheel. The W AS is an 11-inch sim racing wheel designed for use with PXN VD4 and VD6 direct drive wheel bases, offering an immersive and precise control experience for PC racing simulators.

Image: Front view of the PXN W AS Gaming Racing Wheel, showcasing its 11-inch design, control layout, and black and red color scheme.

2. KEY FEATURES

- **W AS Racing Wheel & Compatibility:** The W AS is a 28cm (11-inch) sim racing wheel featuring the D1 quick-release system, fully compatible with PXN VD4 and VD6 direct drive wheel bases. Designed for use with Windows 7-11, it works seamlessly with popular racing simulators such as iRacing, Assetto Corsa, the F1 series, and Euro Truck Simulator 2.

- **Premium Build with Comfortable Grip:** Built on a rigid aluminum alloy frame and wrapped in high-quality microfiber leather, the W AS gaming steering wheel delivers a lightweight yet solid feel (only 1.05kg), offering superior control and long-lasting comfort during intense racing sessions.

- **Full Control Layout for Racing Enthusiasts:** Equipped with 19 programmable buttons, 2 rotary encoders, and 4 aluminum paddle shifters (2 magnetic top paddles and 2 linear analog lower paddles), this racing wheel provides a comprehensive input solution for serious sim racers and PC gamers alike.

- **Quick-Release Hub System:** The quick-release mechanism enables fast, tool-free installation and removal from PXN VD-series bases. The secure locking system guarantees zero play or flex while racing. Note: Only compatible with PXN VD4 and VD6 bases.

- **Dynamic & Customizable RGB LED Lights:** Features dynamic and fully customizable RGB LED lights for an immersive racing atmosphere.
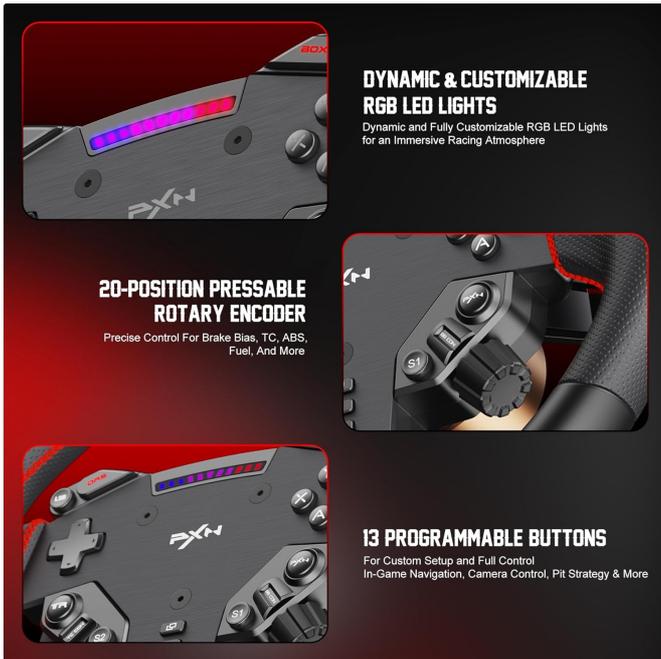

Image: Detailed view of the wheel's central panel, highlighting the dynamic RGB LED lights, a 20-position pressable rotary encoder, and multiple programmable buttons.
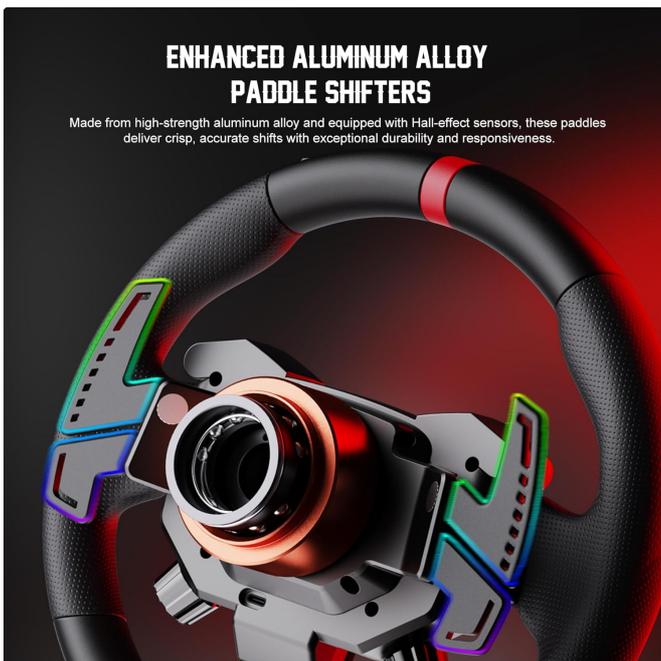

Image: Close-up of the enhanced aluminum alloy paddle shifters, designed for crisp and accurate shifts.
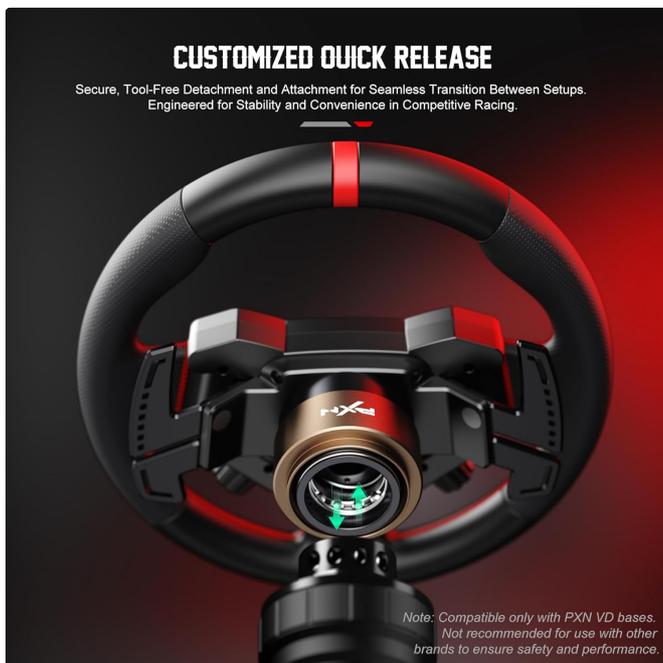
Image: The customized quick-release hub system, showing how the wheel attaches to the base for secure and tool-free installation.
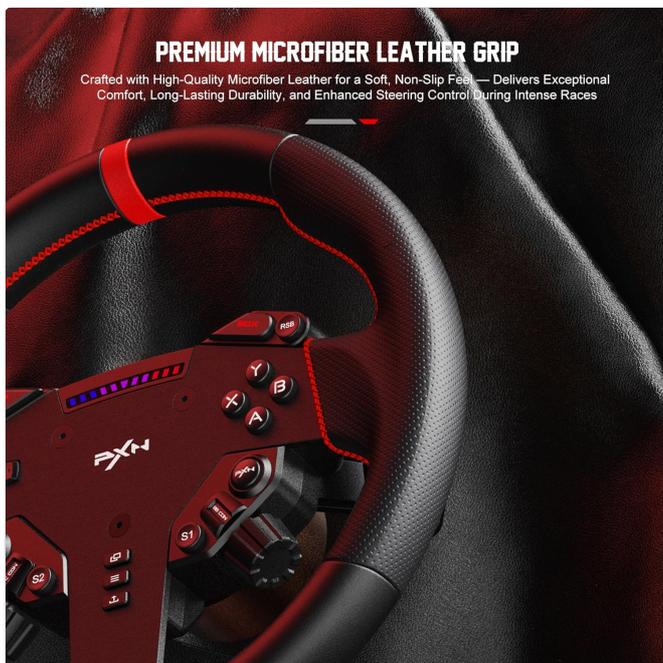

Image: A close-up view of the premium microfiber leather grip, highlighting its texture and stitching for comfort and durability.

3. SETUP

3.1 Unboxing and Initial Inspection

Upon receiving your PXN W AS Gaming Racing Wheel, carefully unbox all components. Verify that all items listed in the package contents are present and inspect for any visible damage. If any items are missing or damaged, please contact customer support immediately.

The package includes the W AS steering wheel and a user manual. Please note that the direct drive base is not included and must be purchased separately (compatible with PXN VD4 and VD6 bases).

3.2 Attaching to a PXN VD Series Base

The PXN W AS steering wheel utilizes a D1 quick-release system for easy attachment and detachment from compatible PXN VD4 or VD6 direct drive bases. Align the quick-release mechanism on the steering wheel with the shaft on your direct drive base and

push firmly until it clicks into place. Ensure the connection is secure to prevent any play or flex during use.

For a visual guide on setting up PXN VD Direct Drive Servo Motor Bases, please refer to the video below:

Your browser does not support the video tag.

Video: An unboxing and initial setup guide for PXN VD Direct Drive Servo Motor Bases, demonstrating how to connect the wheel.

3.3 Software Installation and Configuration

To fully customize button mappings, LED settings, and optimize performance, download and install the PXN SimRacing software from PXN's official website. This software allows for fine-tuning of force feedback and importing game profiles. Ensure your PC is running Windows 7-11 for compatibility.

Image: Screenshot of the PXN SimRacing software interface, showing options for device preview, button settings, RPM light configuration, and paddle settings.

4. OPERATING INSTRUCTIONS

4.1 Button and Control Layout

The PXN W AS features a comprehensive control layout for optimal racing performance:

- **19 Programmable Buttons:** Utilize these buttons for in-game navigation, camera control, pit strategy, and other functions.
- **2 Rotary Encoders:** These 20-position pressable rotary encoders provide precise control for adjustments such as brake bias, traction control (TC), anti-lock braking system (ABS), and fuel mixture.
- **4 Aluminum Paddle Shifters:**
  - 2 Magnetic Top Paddles: For quick and responsive gear shifts.
  - 2 Linear Analog Lower Paddles: Offer nuanced control for clutch or other analog functions.

4.2 Dynamic RGB Rev Lights

The integrated dynamic RGB Rev Lights provide visual feedback on engine RPM, shift points, and other in-game telemetry. These lights can be customized via the PXN SimRacing software to match your preferences and enhance immersion.

4.3 Game Compatibility

The PXN W AS Gaming Racing Wheel is compatible with Windows 7-11 PCs and a wide range of popular racing titles. Some recommended games include:

- iRacing
- Assetto Corsa series (Assetto Corsa, Assetto Corsa Competizione, Assetto Corsa EVO)
- F1 series (F1 2021, F1 22, F1 23, F1 24)
- Forza series (Forza Horizon 4, Forza Horizon 5, Forza Motorsport)
- Euro Truck Simulator 2
- Dirt Rally 2.0
- Project CARS 2
- And many more.

For certain games, manual setup or specific force feedback configuration files may be required. Refer to the PXN official website for detailed instructions and downloads under the Tool section. If you have any questions regarding game compatibility or setup procedures, please contact PXN Support Team at support@e-pxn.com.

Image: A visual representation of various PC racing games compatible with the PXN W AS wheel, including Assetto Corsa, Forza Horizon 5, Dirt Rally 2.0, EA WRC, LMU, F1 Series, Project CARS 2, American Truck Simulator, and Euro Truck Simulator 2.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PXN W AS Gaming Racing Wheel.

- **Cleaning:** Use a soft, dry cloth to wipe down the wheel and its components. For stubborn dirt, a slightly damp cloth with mild soap can be used, but ensure no liquid enters the internal mechanisms. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the racing wheel in a clean, dry environment away from direct sunlight, extreme temperatures, and excessive dust.
- **Cable Management:** Ensure all cables are neatly organized and not under tension to prevent damage to connectors or wires.

6. TROUBLESHOOTING

If you encounter issues with your PXN W AS Gaming Racing Wheel, please refer to the following common troubleshooting steps:

- **No Power/Recognition:**
    - Ensure the direct drive base is properly connected to power and turned on.
    - Verify the quick-release connection between the wheel and the base is secure.
    - Check USB connections to your PC. Try a different USB port.
    - Restart your PC.

- **Buttons/Paddles Not Responding:**
    - Ensure the PXN SimRacing software is installed and updated.
    - Check button mappings within the software and in-game settings.
    - Perform a calibration through the PXN SimRacing software if available.

- **Force Feedback Issues:**
    - Adjust force feedback settings within the PXN SimRacing software and in-game.
    - Ensure the latest drivers and firmware for your PXN direct drive base and wheel are installed.
    - Some games may require specific force feedback profiles; check the PXN official website for game-specific guides.

If these steps do not resolve the issue, please contact PXN customer support for further assistance.

7. SPECIFICATIONS

Attribute	Detail
Brand	PXN
Model	PXN Steering Wheel - W AS
Item Weight	5.1 pounds (approx. 2.3 kg)
Package Dimensions	15.59 x 14.92 x 6.77 inches
Color	Black
Material	Microfiber Leather, Aluminum
Item Diameter	11 Inches (28 cm)
Grip Size	11 inches
Compatibility	PXN VD4/VD6 Direct Drive Bases, Windows 7-11
Buttons	19 Programmable Buttons
Rotary Encoders	2 (20-position pressable)
Paddle Shifters	4 Aluminum (2 magnetic, 2 linear analog)

8. WARRANTY AND SUPPORT

The PXN W AS Gaming Racing Wheel includes a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures product quality.
For any technical assistance, product inquiries, or warranty claims, PXN offers 24/7 expert customer support. You can reach the PXN Support Team via email at support@e-pxn.com.
Please retain your proof of purchase for warranty validation.

For more information, visit the official PXN website.