PXN PXN-V9 GEN2

PXN V9 Gen2 Racing Wheel
INSTRUCTION MANUAL

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your PXN V9 Gen2 Racing Wheel. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

The PXN V9 Gen2 Racing Wheel setup, including the steering wheel, pedals, and shifter.

Package Contents

Verify that all items are present in the package:

- PXN V9 Gen2 Steering Wheel
- 3-Pedal Unit (Accelerator, Brake, Clutch)
- 6+1 H-Shifter
- Desk Mounting Clamps (for steering wheel and shifter)
- USB-A to USB-C Data Cable
- Power Adapter
- User Manual

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Official unboxing video for the PXN V9 Gen2 Steering Wheel, demonstrating package contents and initial components.

Product Features

The PXN V9 Gen2 Racing Wheel offers advanced features for an immersive racing simulation experience:

- **Dual Rotation Modes:** Easily switch between 270° for precise racing and 900° for realistic simulation.
- **Magnetic Encoder:** Features a 16-bit magnetic encoder for high precision and smooth operation, capturing wheel movements in real-time.
- **Dual Vibration Motors:** Built-in motors provide nuanced multi-level feedback, simulating road textures and collisions.
- **Ergonomic Design:** Thermoplastic rubber grip and ergonomic button layout ensure comfort and quick access during gameplay.
- **Hall-Effect Pedals:** Three pedals (accelerator, brake, clutch) with Hall-effect sensors for precise and lag-free input. Features a foldable extended footpad for storage.
- **6+1 H-Shifter:** Manual gear shifter with 6 forward gears and 1 reverse gear (engage by pressing down the lever).
- **Multi-Platform Compatibility:** Compatible with PC (Windows 7-11), PS3, PS4, Xbox One, and Xbox Series X|S.
- **PXN Wheel App:** Customize settings such as vibration intensity, button mapping, and RGB lighting effects via the dedicated mobile application (iOS/Android).

Ergonomic design with accessible buttons and a comfortable grip.

Hall-effect Pedal

Shift, accelerate, and brake effortlessly.

High-Precision Linear Braking
Sensitively detect every pedal press.

Folding Extended Foot Pad
Wear-resistant and non-slip, easy to store.

Hall-effect pedals for precise acceleration and braking.

Installation Method

6+R shifter is equipped with customizable buttons for high/low gear shifting and handbrake operation. Comes with a clamp, compatible with a table up to 4.5cm thickness.

The steering wheel bottom features five suction cups and comes with two table clamps, which support to clip a table with 7.5cm thickness.

The 6+1 H-shifter with desk clamp for secure mounting.

PXN Wheel APP

PXN Wheel APP supports personalized steering wheel settings, including effective angle adjustment, vibration adjustment, lighting adjustment, button settings, etc.

The PXN Wheel App allows for personalized settings

and customization.

Setup Instructions

Follow these steps to set up your PXN V9 Gen2 Racing Wheel:

1. **Mounting the Steering Wheel:**

   - Attach the included desk clamps to the bottom of the steering wheel unit.
   - Securely fasten the steering wheel to a desk or racing stand (up to 7.5cm thick) using the clamps. Ensure it is stable and does not wobble.
   - Alternatively, use the five suction cups on the bottom for temporary placement on smooth surfaces.

2. **Mounting the H-Shifter:**

   - Attach the shifter clamp to the H-shifter unit.
   - Secure the shifter to a suitable position on your desk or stand (up to 4.5cm thick).

3. **Connecting the Pedals:**

   - Place the 3-pedal unit on the floor in a comfortable position. The foldable footpad can be extended for better stability.
   - Connect the pedal unit's cable to the "PEDAL" port on the back of the steering wheel base.

4. **Connecting the H-Shifter:**

   - Connect the H-shifter's cable to the "SHIFTER" port on the back of the steering wheel base.

5. **Power Connection:**

   - Connect the power adapter to the steering wheel base and then to a power outlet.

6. **Connecting to PC/Console:**

   - For PC, PS3, PS4, Xbox One, or Xbox Series X|S, connect the USB-A to USB-C data cable from the "PC/CONSOLE" port on the steering wheel base to an available USB port on your gaming platform.
   - Ensure the rotation angle switch on the back of the steering wheel is set to your desired mode (270° or 900°).

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   Detailed setup tutorial for connecting the PXN V9 Gen2 Racing Wheel to a PC, including pedal and shifter connections.

Operating Instructions

Familiarize yourself with the operational aspects of your racing wheel:

- **Steering Wheel Rotation:**

   - Use the physical switch on the back of the steering wheel to select between 270° and 900° rotation angles. 270° is suitable for F1-style precision, while 900° offers realism for truck simulations.

- The PXN Wheel App allows fine-tuning of steering sensitivity.

- **PC Modes (X-Input/D-Input):**

    - **X-Input Mode (Purple Light):** Provides instant plug-and-play functionality for many racing games.
    - **D-Input Mode (Red Light):** Allows for advanced customization and button remapping via in-game settings, ideal for simulators.

- **Paddle Shifters:**

    - Utilize the Formula-style dual paddle shifters for quick and effortless gear changes.

- **H-Shifter Operation:**

    - Engage gears by moving the shifter lever into the desired position. For reverse gear, press down on the lever before moving it.

- **Pedal Usage:**

    - Apply pressure to the accelerator, brake, and clutch pedals as needed for realistic driving control. The Hall-effect sensors ensure accurate response.

- **App Customization:**

    - Download the PXN Wheel App (iOS/Android) to adjust vibration intensity, button mapping, and RGB lighting effects to your preference.

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Overview of the PXN V9 Gen2 Steering Wheel features and operational highlights.

Maintenance

To ensure the longevity and optimal performance of your racing wheel, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the steering wheel, pedals, and shifter. Avoid abrasive cleaners or solvents that could damage the finish.
- **Storage:** When not in use, store the racing wheel in a clean, dry place away from direct sunlight and extreme temperatures. The foldable pedals help save space.
- **Cable Management:** Avoid sharp bends or kinks in the cables to prevent damage. Use cable ties to keep them organized.
- **Inspection:** Periodically check all connections and mounting points to ensure they are secure.

Troubleshooting

If you encounter issues with your PXN V9 Gen2 Racing Wheel, refer to the following common solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Wheel not recognized by PC/Console	Incorrect connection, driver issue, or mode setting.	Ensure all cables are securely connected. Try a different USB port. Verify the correct PC mode (X-Input/D-Input) is selected. Install/update drivers if necessary (for PC).
Pedals not responding	Loose cable connection or incorrect in-game settings.	Check the pedal cable connection to the steering wheel base. Ensure pedals are mapped correctly in the game's control settings.
Shifter not working	Loose cable connection or incorrect in-game settings.	Verify the shifter cable connection. Ensure the game's transmission setting is set to manual and gears are mapped correctly.
No vibration feedback	Vibration setting disabled in-game or via PXN Wheel App.	Check in-game force feedback/vibration settings. Adjust vibration intensity in the PXN Wheel App.
Steering wheel feels unresponsive or too sensitive	Incorrect rotation angle or sensitivity settings.	Adjust the 270°/900° switch. Fine-tune steering sensitivity using the PXN Wheel App or in-game control options.
Xbox compatibility issues (e.g., reverse gear, disconnection)	Specific game compatibility or firmware issues.	Ensure the latest firmware is installed. Check PXN's official support for game-specific setup guides or known issues. Some games may require specific button remapping.

For further assistance, please refer to the PXN official website or contact customer support.

Specifications

- **Compatible Devices:** PC, Playstation 4, Xbox One, Xbox Series S, Xbox Series X
- **Controller Type:** Steering Wheel
- **Connectivity Technology:** USB
- **Button Quantity:** 18
- **Hardware Platform:** Gaming Console, PC
- **Power Source:** Corded Electric
- **Item Weight:** 10.8 Pounds (approx. 4.9 kg)
- **Item Dimensions (D x W x H):** 13.38"D x 11.22"W x 11.02"H (approx. 34cm x 28.5cm x 28cm)
- **Model Name:** PXN-V9 GEN2
- **Color:** Black Racing Wheel

Warranty and Support

Your PXN V9 Gen2 Racing Wheel is covered by a warranty:

- **Warranty Description:** 365 days from date of purchase.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please visit the official PXN website or contact their customer service. You may also find helpful resources and community support on the PXN Discord channel.

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