

PXN V900 GEN2

PXN V900 GEN2 PC Racing Wheel Instruction Manual

Model: V900 GEN2

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your PXN V900 GEN2 PC Racing Wheel. Please read this manual thoroughly before use to ensure proper functionality and to maximize your gaming experience. The PXN V900 GEN2 is designed for use with PC, PlayStation 4, PlayStation 3, Xbox Series X|S, Xbox One, and Nintendo Switch.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- PXN V900 GEN2 Racing Wheel
- Pedal Unit (with Hall Magnetic Linear Pedals)
- Mounting Clamps (2 units)
- USB Cable (Type-C to USB-A)
- User Manual (this document)



Image 1: PXN V900 GEN2 Racing Wheel and Pedal Unit. This image displays the main racing wheel unit with its integrated buttons and paddle shifters, alongside the separate pedal unit featuring two pedals.

3. KEY FEATURES

- **Dual Mode Rotation:** Switch between 270° and 900° steering rotation for various game types.
- **Magnetic Sensors:** High-precision magnetic sensors for accurate steering response.
- **16-Bit High-Precision Steering:** Enhanced steering resolution for precise control.
- **Upgraded Type-C Interface:** Features 4 Type-C + 1 USB interface for stable connectivity.
- **RGB Pedals:** Dynamic RGB lighting on pedals for an immersive experience.
- **Vibration Feedback:** Supports dynamic vibration feedback across compatible platforms.
- **PXN Wheel App Support:** Customize settings such as sensitivity, vibration, and button mapping via the dedicated app.
- **Wide Compatibility:** Compatible with PC (Windows 7/8/10/11), PS4, PS3, Xbox Series X|S, Xbox One, and Switch (including Switch OLED).



Image 2: Overview of PXN V900 GEN2 features. This image highlights dual vibration feedback, Hall magnetic linear pedals, dynamic RGB lighting, paddle shifters, and the 11-inch steering wheel.

4. SETUP INSTRUCTIONS

4.1 Mounting the Racing Wheel

1. Place the racing wheel on a stable surface, such as a desk or table.
2. Secure the wheel using the two included mounting clamps. Insert the clamps into the designated slots on the bottom of the wheel unit and tighten them to the table. The clamps support table thicknesses up to 7.5 cm.
3. Alternatively, the wheel base features five suction cups for temporary placement on smooth surfaces.



Image 3: Steering wheel mounting options. This image illustrates how to attach the racing wheel to a desk using the included clamps, showing the maximum supported table thickness.

4.2 Connecting the Pedal Unit

Connect the cable from the pedal unit to the designated port on the back of the racing wheel base. Ensure the connection is secure.

The pedal unit features a foldable, extended foot pad for stability during use. Extend this pad for optimal comfort and grip.

Hall Magnetic Linear Pedal

Accelerate and Brake for an Adrenaline-Fueled Racing Experience



Two panels simulate the design of real pedals, with wear-resistant metal pedals



Hall magnetic high sensitivity sensor, precise output from the foot force



Foldable, extended foot pad, wear resistant, non-slip, easy to store



Image 4: Hall Magnetic Linear Pedal unit. This image shows the two-pedal unit with its metal pedals, highlighting the Hall magnetic sensor technology and the foldable foot pad.

4.3 Connecting to Gaming Platforms

The PXN V900 GEN2 racing wheel supports multiple platforms. Connection methods may vary:

- **PC (Windows 7/8/10/11):** Connect the racing wheel directly to your PC via the USB cable. The system should automatically detect the device. For optimal performance, ensure necessary drivers are installed (if prompted) or use the PXN Wheel App for configuration.
- **Nintendo Switch:** Connect the racing wheel to the Switch dock via the USB-A port. Ensure the Switch console is in TV mode. The wheel should be automatically recognized.
- **PlayStation (PS3/PS4):** Connect the racing wheel to the console via the USB cable. For PS4, you may need to connect the original PS4 controller to the wheel's guidance port for initial setup and authentication.
- **Xbox (Xbox One/Xbox Series X|S):** Connect the racing wheel to the console via the USB cable. You will need to connect the original Xbox controller to the wheel's guidance port for initial setup and authentication. The system may recognize it as a gamepad controller initially; configure it within game settings.



Image 5: Multi-platform compatibility of the PXN V900 GEN2. This image displays the racing wheel connected to various gaming systems including PC, Nintendo Switch, PS3, PS4, Xbox One, and Xbox Series X|S.

5. OPERATING INSTRUCTIONS

5.1 Steering Rotation Modes (270°/900°)

The PXN V900 GEN2 offers two steering rotation modes:

- **270° Mode:** Ideal for fast-paced racing games where quick steering inputs are required.
- **900° Mode:** Provides a more realistic driving experience, suitable for simulation games like truck simulators.

To switch between modes, locate the mode switch button on the wheel base. Pressing this button will toggle between 270° and 900° rotation. The current mode is typically indicated by an LED or on-screen display if supported by the game/app.



Image 6: Dual angle and dual input modes. This image illustrates the switch between 270° and 90° steering angles and the dual input modes (X-INPUT for controller, D-INPUT for steering wheel) on PC.

5.2 Pedals and Paddle Shifters

- **Accelerator Pedal:** Press the right pedal to accelerate in-game.
- **Brake Pedal:** Press the left pedal to apply brakes in-game.
- **Paddle Shifters:** Use the paddles located behind the steering wheel for quick gear changes in games that support manual shifting.

5.3 PXN Wheel App Customization

The PXN Wheel App allows for advanced customization of your racing wheel settings. Download the app on your mobile device (if available) or PC. Through the app, you can:

- Adjust steering sensitivity.
- Modify vibration intensity.
- Remap buttons to suit your preferences.

5.4 PC Dual Input Mode (X-INPUT / D-INPUT)

When connected to a PC, the PXN V900 GEN2 supports two input modes:

- **X-INPUT (Controller Mode):** The wheel functions as a standard Xbox controller. This mode is widely supported by modern PC games.
- **D-INPUT (Steering Wheel Mode):** The wheel functions as a dedicated steering wheel device. This mode may be preferred for older games or specific racing simulations.

Refer to your game's settings to select the appropriate input mode if issues arise.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the racing wheel and pedal unit. 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 Care:** Avoid bending or twisting cables excessively to prevent damage.

7. TROUBLESHOOTING

- **Device Not Recognized:**
 - Ensure all cables are securely connected.
 - Try connecting to a different USB port.
 - For consoles (PS4/Xbox), ensure the original controller is connected to the wheel's guidance port for authentication.
 - Restart your console or PC.
 - Check for updated drivers on PC.
- **Paddle Shifters Not Working (Xbox):**
 - On Xbox, the wheel may be recognized as a standard gamepad. You might need to configure a new controller profile within the game settings to map the paddle shifters correctly.
- **No Vibration Feedback:**
 - Verify that vibration feedback is enabled in the game's settings.
 - Check the PXN Wheel App for vibration intensity settings.
 - Ensure the game supports vibration feedback with racing wheels.
- **Steering Sensitivity Issues:**
 - Adjust steering sensitivity via the PXN Wheel App or within the game's controller settings.
 - Ensure you are in the correct 270° or 900° rotation mode for your game type.

8. SPECIFICATIONS

Supported Platforms	PC (Windows 7/8/10/11), PS3/PS4, Xbox One/Xbox Series Switch (including Switch Lite, Switch OLED, and Hong Kong, Japan, and Mainland China versions)	PC (Windows 7/8/10/11), PS3/PS4, Xbox One/Xbox Series Switch (including Switch Lite, Switch OLED, and Hong Kong, Japan, and Mainland China versions)
Steering Wheel Size	280mm	280mm
Steering Wheel Buttons	10 function buttons, 1 D-pad, 4 auxiliary buttons, 2 paddles	10 function buttons, 1 D-pad, 4 auxiliary buttons, 2 paddles
Steering Wheel Material	Made of ABS material, with rubberized grips on both sides	Made of ABS material, with rubberized grips on both sides
900°/270° Switch	Yes	Yes
Rotation Mechanism	Gear + spring (no force feedback)	Gear + spring (no force feedback)
Steering Resolution	16-bit	10-bit
Base Sensor	Magnetic encoder	Regular potentiometer
Base Rear Interface	4 Type-C + 1 USB	1 crystal interface + 1 USB + 1 audio port
Console Audio Function	None	Yes
Pedal Indicator Lights	Yes, RGB light strips	None
Pedal Sensor	Hall effect sensor	Potentiometer
Vibration Function	Full platform support	Full platform support (PC platform requires driver installation)
App	Supported	Not supported

Image 7: Comparison of PXN V900 GEN2 and PXN V900 specifications. This table details differences in supported platforms, steering wheel size, buttons, material, rotation mechanism, steering resolution, base sensor, rear base interface, console audio function, pedal indicator lights, pedal sensor, vibration function, and app support.

PXN V900 GEN2 Technical Specifications

Feature	Specification
Supported Platforms	PC (Windows 7/8/10/11), PS4, PS3, Xbox Series X S, Xbox One, Switch (including Switch OLED)
Steering Wheel Size	280mm (11 inches)

Feature	Specification
Steering Wheel Buttons	10 function buttons, 1 D-pad, 4 auxiliary buttons, 2 paddles
Steering Wheel Material	ABS material, with rubberized grips on both sides
Rotation Angle	270° / 900° (Switchable)
Rotation Mechanism	Gear + spring (no force feedback)
Steering Resolution	16-bit
Base Sensor	Magnetic encoder
Rear Base Interface	4 Type-C + 1 USB
Pedal Indicator Lights	Yes, RGB light strips
Pedal Sensor	Hall effect sensor
Vibration Function	Full platform support
App Support	Supported (PXN Wheel App)
Product Dimensions	12.8 x 12.1 x 11.61 inches
Item Weight	9.78 pounds



9. WARRANTY AND SUPPORT





For warranty information and technical support, please refer to the official PXN website or contact PXN customer service directly. Keep your purchase receipt for warranty claims.

PXN Official Website: www.pxn.cn (Note: This is a placeholder URL, please verify the actual support URL for PXN products.)

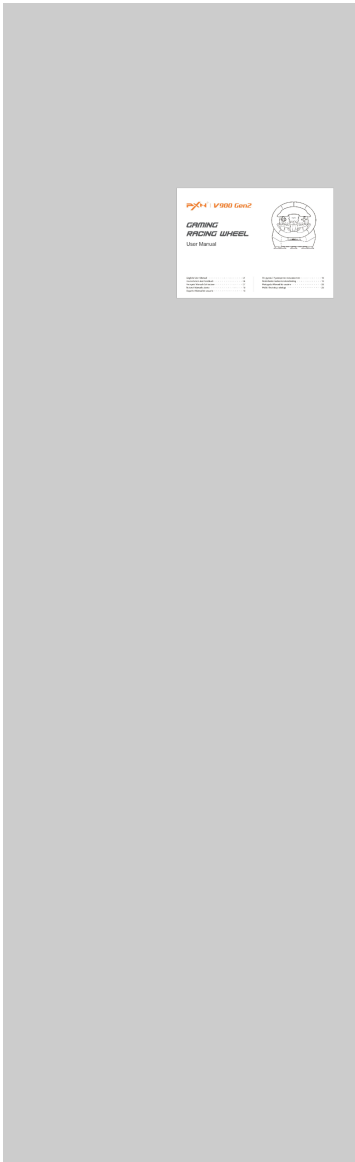


Related Documents - V900 GEN2

	<p>PXN-V900 Racing Wheel User Manual: Setup, Features, and Compatibility</p> <p>Comprehensive user manual for the PXN-V900 Racing Wheel. Covers setup, features, compatibility with PC, PS3, PS4, Xbox One, Xbox Series X&S, and Nintendo Switch, sensitivity settings, and button programming.</p>
	<p>PXN-V900 Racing Wheel User Manual: Setup, Features, and Connectivity Guide</p> <p>Comprehensive user manual for the PXN-V900 Racing Wheel, covering its features, installation, connectivity to various gaming platforms (PC, PS3, PS4, Xbox One, Xbox Series X&S, Nintendo Switch), sensitivity settings, programmable buttons, and safety precautions.</p>

	<p>PXN V9 Gen2 Gaming Racing Wheel User Manual</p> <p>Comprehensive user manual for the PXN V9 Gen2 Gaming Racing Wheel, covering setup, operation, troubleshooting, and specifications for PC, PS3, PS4, Xbox One, and Xbox Series X/S.</p>
	<p>PXN V9 Gen2 Gaming Racing Wheel User Manual</p> <p>Comprehensive user manual for the PXN V9 Gen2 Gaming Racing Wheel, covering setup, features, troubleshooting, and specifications for PC, PS3, PS4, and Xbox One/Series consoles.</p>
	<p>PXN V900 Racing Wheel User Manual</p> <p>Comprehensive user manual for the PXN V900 racing wheel, detailing product features, compatibility with PC, PS3, PS4, Xbox One, and Nintendo Switch, installation, usage instructions, sensitivity adjustments, button programming, and important safety precautions.</p>
	<p>PXN-V3PRO Racing Wheel User Manual and Setup Guide</p> <p>Comprehensive user manual for the PXN-V3PRO racing wheel, detailing setup, connection to PC, Nintendo Switch, PS3, PS4, and Xbox consoles, programming, sensitivity adjustments, and specifications.</p>

Documents - PXN – V900 GEN2



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