

PXN V10 Ultra racing wheel

PXN V10 Ultra Direct Drive Racing Wheel Instruction Manual

Model: V10 Ultra Racing Wheel | Brand: PXN

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your PXN V10 Ultra Direct Drive Racing Wheel. Please read this manual thoroughly before using the product to ensure optimal performance and safety. The PXN V10 Ultra is designed to deliver a realistic racing simulation experience with its direct drive force feedback system, compatible with PC, Xbox, and PlayStation 4.

2. SAFETY INFORMATION

- Keep the device away from water and moisture.
- Do not expose the device to direct sunlight or high temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Use only the provided power adapter and cables.
- Ensure proper ventilation around the wheel base during use.
- Keep out of reach of small children.

3. PACKAGE CONTENTS

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

- Racing Wheel x1
- Pedals x1
- Clamp x1
- Power Adapter x1
- USB-C to USB-C Cable x1
- USB-C to USB-A Cable x1
- User Manual x1



PACKAGE CONTENTS

- Racing Wheel x1
- Pedals x1
- Clamp x1
- Power Adapter x1

Image: All components included in the PXN V10 Ultra Racing Wheel package.

4. PRODUCT OVERVIEW

The PXN V10 Ultra features a direct drive servo motor, a 270mm microfiber leather wheel, and Hall-effect metal pedals for a realistic racing experience.



Image: The PXN V10 Ultra Direct Drive Racing Wheel and its accompanying pedal set.

PXN V10 ULTRA

Direct Drive Sim Racing Wheel with Pedals



Image: Overview highlighting the 3.2Nm servo motor, 270mm racing wheel, Hall Effect 2-pedal system, and multi-platform compatibility.

4.1 Wheel Base

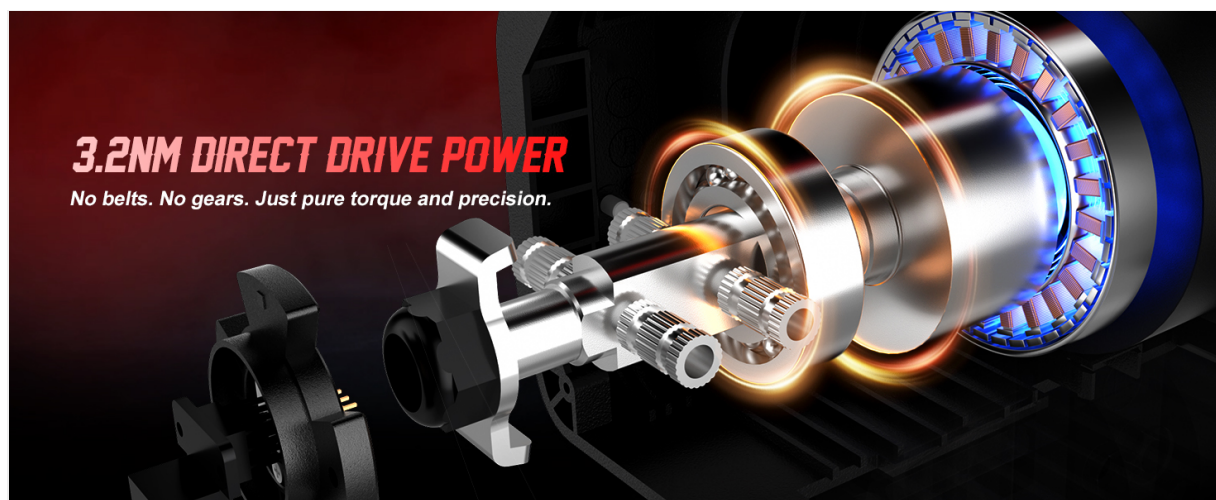


Image: Internal view of the 3.2Nm direct drive servo motor, illustrating its gearless and beltless design for pure torque and precision.

4.2 Racing Wheel



Image: The 270mm premium racing wheel, featuring microfiber leather for grip and comfort.

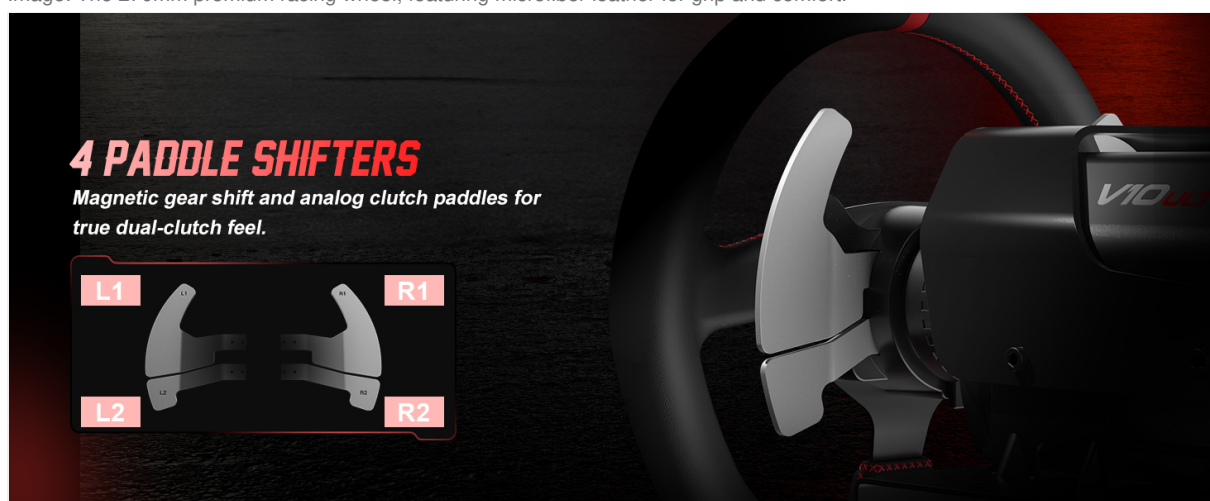


Image: Detail of the four paddle shifters, including magnetic gear shift and analog clutch paddles for dual-clutch feel.

4.3 Pedals



Image: The PD HM Hall Pedals, offering adjustable spacing and precise linear response.

5. SETUP INSTRUCTIONS

5.1 Connecting to PC

1. Connect the pedal set to the wheel base using the provided Type-C to Type-C cable.
2. Connect the power adapter to the wheel base and plug it into a power socket.
3. Connect the wheel base to your PC using the provided Type-C to USB-A cable.

4. Press the Power button on the back of the wheel base. The wheel will perform a self-test and return to the center. The indicator light on the wheel will turn red, indicating a successful connection.

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Video: A step-by-step tutorial on how to connect the PXN V10 Ultra Racing Wheel to a PC, covering cable connections and power-on sequence.

5.2 Connecting to Xbox

1. Ensure the original Xbox controller is turned off before starting the connection process.
2. Connect the pedal set to the wheel base using the provided Type-C to Type-C cable.
3. Connect the power adapter to the wheel base and plug it into a power socket.
4. Connect the original Xbox controller to the 'CONTROLLER' port on the wheel base using the provided Type-C to USB-A cable.
5. Connect the wheel base to your Xbox console using the provided Type-C to USB-A cable.
6. Press the Power button on the back of the wheel base. The wheel will perform a self-test and return to the center. The indicator light on the wheel will turn green, indicating a successful connection.

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Video: A detailed guide on connecting the PXN V10 Ultra Racing Wheel to an Xbox console, including connecting the original Xbox controller.

5.3 Connecting to PS4

The PXN V10 Ultra is compatible with PS4. For connection, follow similar steps as for Xbox, ensuring the original PS4 controller is connected to the wheel base's 'CONTROLLER' port.

5.4 Mounting Options

The wheel base can be securely mounted to desks or racing stands using the heavy-duty clamps (fits surfaces up to 2.2" thick) or via pre-drilled baseplate holes for compatible sim rigs.



Image: Illustration of the flexible mounting options, showing desk clamps and pre-drilled holes for sim rig compatibility.

6. OPERATING INSTRUCTIONS

6.1 Game Setup and Button Mapping

After connecting your racing wheel, it is crucial to configure in-game settings for optimal performance. This typically involves mapping controls and adjusting force feedback settings.

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Video: A setup guide for the PXN V10 Ultra Racing Wheel in Forza Horizon 5, demonstrating in-game control mapping.

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Video: A setup guide for the PXN V10 Ultra Racing Wheel in Assetto Corsa Competizione (ACC), showing how to configure settings for optimal gameplay.

6.2 Customization Software

Fine-tune your racing experience using the PXN NEXUS app (iOS/Android) or PXN SIMRACING PC software. These tools allow you to adjust steering angle, force feedback, pedal sensitivity, and button mapping. One-click game profile loading is supported for quick setup.

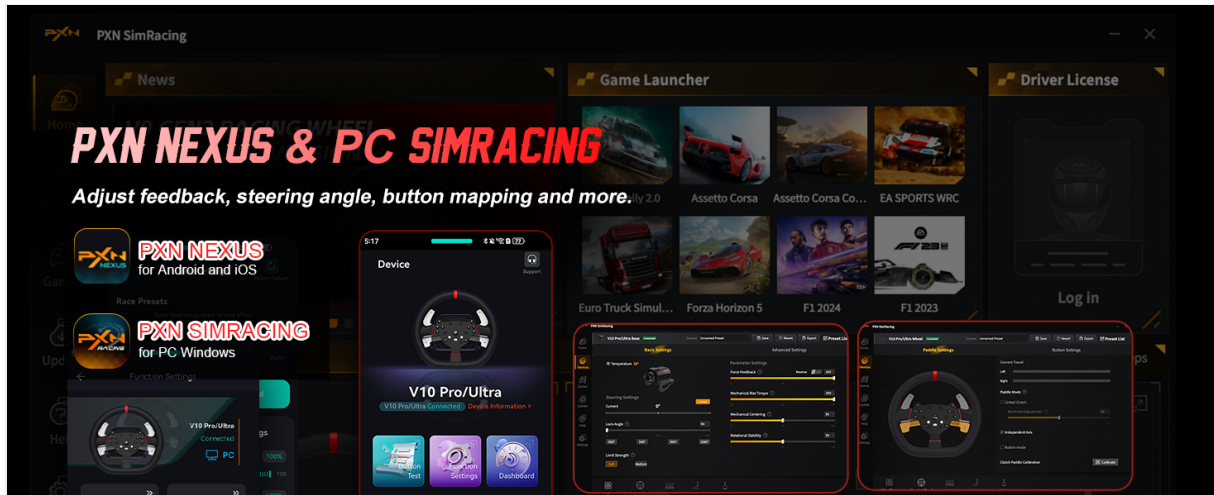


Image: Screenshots of the PXN NEXUS mobile app and PXN SIMRACING PC software, demonstrating various customization options for the racing wheel.

7. COMPATIBILITY

The PXN V10 Ultra is compatible with a wide range of platforms and racing titles:

- **Platforms:** Windows PC, Xbox One, Xbox Series X|S, PlayStation 4.
- **Supported Games (Examples):** Forza Horizon 5, Gran Turismo 7, F1 23, Assetto Corsa, Dirt Rally 2.0, Euro Truck Simulator 2, and many more.



Image: Visual representation of the PXN V10 Ultra's compatibility with PC, PS4, Xbox One, and Xbox Series X|S.

8. MAINTENANCE

- Regularly clean the racing wheel and pedals with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents.
- Store the device in a clean, dry environment when not in use.

- Check cable connections periodically to ensure they are secure.

9. TROUBLESHOOTING

If you encounter any issues, please refer to the following general troubleshooting tips:

- **No Power:** Ensure the power adapter is securely connected to both the wheel base and a working power outlet.
- **Not Recognized by PC/Console:** Verify all USB and controller connections. For PC, check 'Set up USB game controllers' in Windows settings. For Steam games, ensure Steam Input is disabled if necessary.
- **No Force Feedback:** Check in-game force feedback settings and ensure they are enabled and configured correctly. Update drivers or software if available.
- **Buttons Not Responding:** Test button functionality via PC game controller settings. Re-map controls in-game if needed.

For more specific issues or advanced troubleshooting, please visit the official PXN support website or contact customer service.

10. SPECIFICATIONS

Item Model Number	V10 Ultra racing wheel
Product Dimensions	16 x 14 x 12 inches
Item Weight	15 pounds
Force Feedback	3.2Nm Direct Drive
Wheel Diameter	270mm
Steering Angle	Adjustable 80°-1080°
Pedals	Dual Hall-effect metal pedals
Compatibility	PC, Xbox One, Xbox Series X S, PS4

11. WARRANTY AND SUPPORT

The PXN V10 Ultra is backed by PXN's reliable customer support and warranty services. For detailed warranty information, product registration, or to contact support, please visit the official PXN website. Keep your purchase receipt as proof of purchase for warranty claims.