

PXN A7

PXN A7 Gaming Gear Shifter Instruction Manual

Model: A7

1. INTRODUCTION

Thank you for purchasing the PXN A7 Gaming Gear Shifter. This manual provides detailed instructions for setting up, operating, and maintaining your new gear shifter. The PXN A7 is designed to enhance your racing simulation experience on PC and with compatible PXN steering wheels, offering a realistic 6+1 shift pattern, integrated handbrake, and high/low gear shift buttons.



Image: Front view of the PXN A7 Gaming Gear Shifter, showcasing its compact design and gear knob.

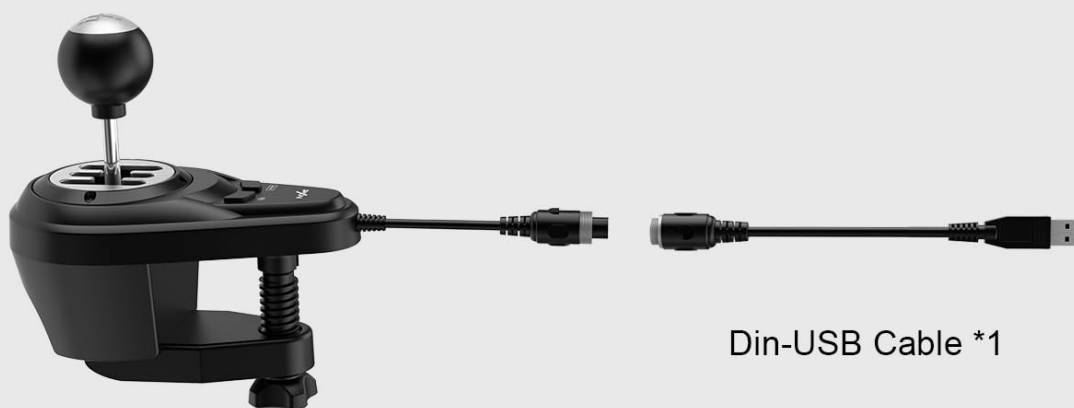
2. PRODUCT FEATURES

- **Plug and Play Connectivity:** Supports direct connection to PC via USB and to PXN steering wheels (V9, V10, V99, V12Lite) via RJ11 cable for PS3, PS4, Xbox One, and Xbox Series X/S.
- **Integrated Function Buttons:** Features standard handbrake and high/low shifting switch function buttons for convenient in-game control.
- **Stable Fixing Design:** Equipped with robust mount clamps for secure and stable attachment to your desk or racing rig, preventing movement during intense gameplay.
- **6+1 Gear Shifter with Unique Reverse:** Offers a 6-speed forward gear pattern plus a unique reverse gear design. To engage reverse, return the lever to the neutral (middle) position, then press the shift lever downwards and move it into the 6th gear position.
- **Durable Construction:** Built to withstand rigorous use, ensuring long-lasting performance.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- PXN A7 Shifter x 1
- User Manual x 1
- Din-USB Cable (approx. 1.5m) x 1
- Din-RJ11 Cable (approx. 1.5m) x 1
- Din-Din Cable x 1



Shifter *1

Din-USB Cable *1



User Manual *1



Din-RJ11 Cable *1



Din-Din Cable *1

Image: Overview of the PXN A7 package contents, showing the shifter, various connection cables, and the user manual.

4. SETUP

4.1 Mounting the Shifter

The PXN A7 Shifter comes with integrated mount clamps for secure attachment to a desk or racing cockpit.

1. Place the shifter on a stable surface where you intend to use it.
2. Locate the adjustable clamps on the underside of the shifter.
3. Tighten the clamps by rotating the knobs until the shifter is firmly secured to the surface. Ensure it is stable and does not wobble during use.

Fixed Clip Device, Portable And Stable Installation

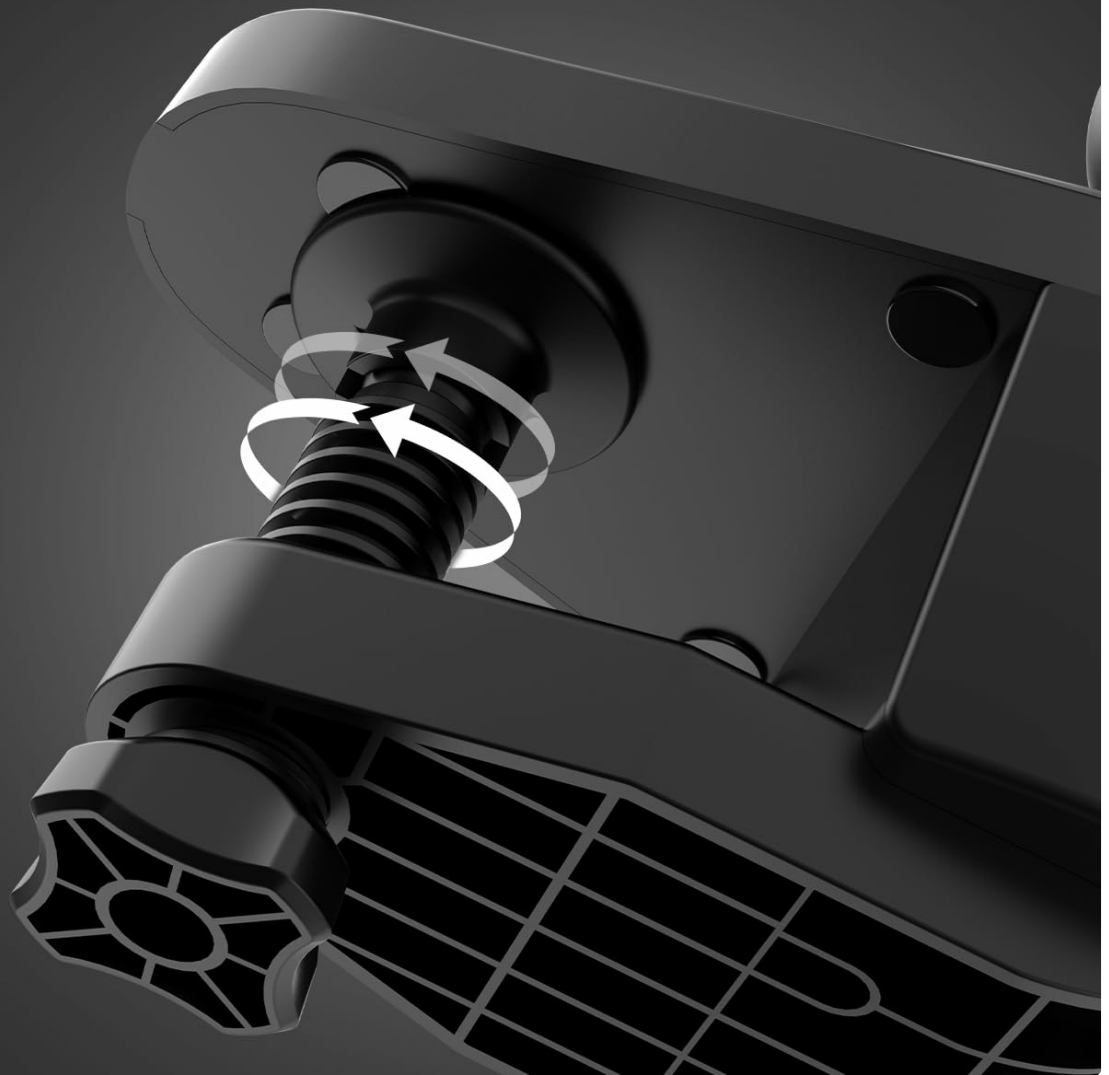


Image: Detail of the shifter's mounting clamp mechanism, illustrating how it secures to a surface.

4.2 Connecting the Shifter

The PXN A7 Shifter offers versatile connectivity options:

- **For PC (Standalone Use):**
 - a. Connect one end of the Din-USB Cable to the shifter's port.
 - b. Connect the USB end of the cable to an available USB port on your PC.
 - c. The shifter is plug-and-play and should be recognized automatically by your operating system.

- For PXN Steering Wheels (V9, V10, V99, V12Lite on PS3/PS4/Xbox One/Xbox Series X/S):

- a. Connect one end of the Din-RJ11 Cable to the shifter's port.
- b. Connect the RJ11 end of the cable to the designated RJ11 port on your compatible PXN steering wheel.
- c. Ensure your steering wheel is properly connected to your console/PC. The shifter will function through the steering wheel's connection.

01 Support PXN steering wheel



02 Support PC plug and play



Image: Visual guide demonstrating how to connect the shifter to a PC via USB and to a PXN steering wheel via RJ11 cable.

5. OPERATING INSTRUCTIONS

5.1 Shifting Gears (6+1 Pattern)

The PXN A7 features a realistic 6-speed H-pattern shifter with a unique reverse gear engagement.

- **Forward Gears (1-6):** Shift the lever into the desired gear position as you would in a real manual transmission.
- **Reverse Gear (R):** To engage reverse, first return the shift lever to the neutral (middle) position. Then, press the shift

lever downwards and move it into the 6th gear position. This design prevents accidental engagement of reverse during forward driving.

6+1 Shifter with Downward-Pressing Reverse Gears



Image: Detailed view of the shifter's gear knob and gate, highlighting the 6+1 shift pattern and the reverse gear position.

5.2 Using Handbrake and High/Low Shift Buttons

The shifter is equipped with dedicated buttons for enhanced control:

- **Handbrake Button:** Activates the handbrake function in compatible games. This button is typically located near the top of the shifter unit.
- **High/Low Shifting Switch Buttons:** These buttons allow for quick toggling between high and low gear ranges in games that support this feature, providing more granular control over your vehicle's transmission.

Standard With Handbrake And High / Low Shifting Switch Function Buttons to Make Game Setting More Convenient



Image: Close-up view of the handbrake and high/low gear shift buttons located on the top panel of the shifter.

6. MAINTENANCE

To ensure the longevity and optimal performance of your PXN A7 Gaming Gear Shifter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the shifter and cables. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the components.
- **Storage:** When not in use, store the shifter in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the cables. Do not pull on the cables to disconnect them; always grasp the connector.
- **Avoid Impact:** Protect the shifter from drops or impacts, which can damage internal mechanisms.

7. TROUBLESHOOTING

If you encounter issues with your PXN A7 Gaming Gear Shifter, please refer to the following common solutions:

Problem	Possible Cause	Solution
Shifter not recognized by PC/Console.	Incorrect connection, faulty cable, or driver issue.	Ensure the correct cable (USB for PC, RJ11 for PXN wheel) is used and securely connected. Try a different USB port on your PC. If connected to a PXN wheel, ensure the wheel itself is properly connected and functioning. Restart your PC/console. Check the PXN official website for any specific drivers or firmware updates for the A7 shifter.
Gears not registering correctly in game.	Game settings, calibration issue, or physical obstruction.	Verify in-game control settings to ensure the shifter is properly mapped and calibrated. Ensure the shifter is firmly mounted and not moving during use. Check for any physical obstructions preventing full gear engagement. Recalibrate the shifter through your PC's game controller settings (if applicable).
Handbrake/High-Low buttons not working.	Game compatibility or mapping issue.	Confirm that the game you are playing supports these specific functions and allows for custom button mapping. Map the buttons within the game's control settings.

If the problem persists after trying these solutions, please contact PXN customer service for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model	PXN A7
Connectivity	USB (PC), RJ11 (PXN Wheels)
Gear Pattern	6+1 (H-pattern with push-down reverse)
Additional Functions	Handbrake button, High/Low shifting switch buttons
Mounting	Integrated mount clamps
Package Dimensions	9.06 x 9.02 x 4.69 inches
Item Weight	2.16 pounds
Manufacturer	PXN
Date First Available	June 13, 2023





9. WARRANTY AND SUPPORT

PXN offers a **12-month warranty** for the PXN A7 Gaming Gear Shifter from the date of purchase. This warranty covers manufacturing defects and ensures the quality of your product.

If you encounter any product problems, require technical assistance, or need to claim warranty service, please contact PXN customer service. You can typically find contact information on the official PXN website or through the retailer where you purchased the product.

For the most up-to-date support information, please visit the official PXN website:[PXN Official Store on Amazon](#)

Related Documents

	<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 V99 Force Feedback Racing Wheel User Manual</p> <p>This user manual provides instructions for the PXN V99 Force Feedback Racing Wheel, covering setup, operation, and specifications for PC, PS4, and Xbox One/Series consoles.</p>
	<p>PXN V10 Racing Wheel User Manual</p> <p>Comprehensive user manual for the PXN V10 racing wheel, detailing installation, setup, connectivity for PC, PS4, and Xbox consoles, advanced settings via the PXN Wheel app, and important safety precautions.</p>
	<p>PXN V10 3-in-1 Gaming Racing Wheel User Manual</p> <p>User manual for the PXN V10 3-in-1 Gaming Racing Wheel, detailing setup and usage for PC, PS4, Xbox One, and Xbox Series X S. Includes instructions for connecting pedals and shifter, installation, advanced settings via the PXN Wheel app, and precautions.</p>