

## PXN P50L

# PXN P50L Wireless Switch Pro Controller User Manual

Model: P50L | Brand: PXN

## 1. INTRODUCTION

Welcome to the user manual for your new PXN P50L Wireless Switch Pro Controller. This controller is designed to enhance your gaming experience across multiple platforms, including Nintendo Switch, Switch Lite, Switch OLED, iOS (version 16 and above), and PC (Windows). It features advanced functionalities such as dual shock vibration, macro programming, gyro axis support, and a convenient wake-up function. Please read this manual carefully to ensure proper setup and optimal use of your controller.

## 2. PRODUCT FEATURES

- MULTI-FUNCTION:** Our switch pro controller is able to be connected to Switch/Switch Lite/iOS(16 versions only)/PC Windows (Bluetooth Connection and Connect via USB cable). Easy to pair with the machine, quick connection, simple setup. (Note: Bluetooth connection PC only for Steam games, and desktop computers need to provide their own Bluetooth Receiver).
- ERGONOMIC DESIGN:** Ergonomic design with standard button layout. This switch pro controller is light, the palm is very comfortable to hold. And supports 4 people to play games at the same time, ideal for family fun and parties.
- SOMATOSENSORY and VIBRATION:** there are two vibrating motors in the game-pad, so the game vibration of SWITCH console and PC is available, Four-speed vibration adjustable, There is a six-axis gyroscope sensor in the controller, which supports SWITCH motion-sensing game. provides precise motion control, which can offer a real scene to gamer for ultimate gaming experience.
- LITHIUM BATTERY:** built-in high-quality 550mAh lithium battery, requiring only 2.5 hours of charging time and up to 20 hours of playtime. When the battery is low, you can connect the controller to the game device with a data cable, then works fine even during charging.
- WAKE up FUNCTION and APP FUNCTION:** PXN P50 pro controller for switch comes with a wake-up feature. When the game console is in sleep mode, you just need to press one key 'HOME' button to wake up the console. Visible programming in app—APP supports controller macro function setting and sharing,

controller rocker sensitivity adjustment, controller vibration intensity adjustment, controller button Turbo adjustment.

### 3. PACKAGE CONTENTS

- 1 x PXN P50L Wireless Switch Pro Controller
- 1 x USB-C Charging Cable
- 1 x User Manual

### 4. CONTROLLER LAYOUT

Familiarize yourself with the buttons and components of your PXN P50L controller.



A front view of the PNX P50L Wireless Switch Pro Controller, showcasing its ergonomic design, dual analog sticks, D-pad, action buttons (A, B, X, Y), Home button, Capture button, Plus and Minus buttons, and indicator lights.

- **Left Analog Stick:** For movement and camera control.
- **Right Analog Stick:** For camera control and aiming.
- **D-Pad:** Directional input for menus and certain games.
- **A/B/X/Y Buttons:** Standard action buttons.
- **L/R Buttons:** Shoulder buttons.
- **ZL/ZR Buttons:** Trigger buttons.
- **HOME Button:** Powers on the controller, wakes up the console, and returns to the home screen.
- **Capture Button:** Takes screenshots or records video clips.
- **+/- Buttons:** Plus and Minus buttons for in-game functions.
- **M1/M2 Buttons:** Programmable back buttons for macro functions.
- **Turbo Button:** Activates turbo function for rapid firing.
- **Infinity Symbol Button:** Used for macro or special functions.
- **USB-C Port:** For charging and wired connection.
- **Indicator Lights:** Show connection status and battery level.

## 5. SETUP INSTRUCTIONS

### Charging the Controller

Before first use, fully charge the controller.

# LARGE CAPACITY

High-quality 550mAh lithium battery



**2.5 HRS**  
Charging Time



**20 HRS**  
Playtime



**FAST**  
Type-C

An image illustrating the controller's large capacity 550mAh lithium battery, showing a 2.5-hour charging time and up to 20 hours of playtime via a Type-C port.

1. Connect the supplied USB-C cable to the controller's charging port.
2. Connect the other end of the cable to a USB power source (e.g., Nintendo Switch dock, PC USB port, or USB wall adapter).
3. The indicator lights will show charging status and turn off when fully charged.

## Connecting to Nintendo Switch/Switch Lite/OLED

This video shows the process of pairing the Pxn P50L controller with a Nintendo Switch console, highlighting the ease of connection and the controller's compatibility.

1. From the HOME Menu, select "Controllers" > "Change Grip/Order".
2. Press and hold the HOME button on the Pxn P50L controller for 3 seconds until the indicator lights start flashing.
3. Once connected, the corresponding player indicator light(s) on the controller will remain solid.
4. To wake up the console from sleep mode, simply press the HOME button on the controller.

## Connecting to PC (Windows)

### Bluetooth Connection (for Steam games only)

1. Ensure your PC has Bluetooth functionality. (Desktop PCs may require a Bluetooth receiver, not included).
2. On your PC, go to "Settings" > "Devices" > "Bluetooth & other devices".
3. Turn on Bluetooth and click "Add Bluetooth or other device".
4. Select "Bluetooth" and then choose "PXN P50L" from the list of available devices.
5. The controller's indicator lights will stop flashing and remain solid once paired.

### Wired Connection (USB Cable)

1. Connect the USB-C cable to the controller and the other end to a USB port on your PC.
2. The controller will be automatically recognized by your PC.

### Connecting to iOS (16 versions only)

1. Ensure your iOS device is running iOS 16 or later.
2. On your iOS device, go to "Settings" > "Bluetooth".
3. Press and hold the HOME button on the PXN P50L controller for 3 seconds until the indicator lights start flashing.
4. Select "PXN P50L" from the list of "Other Devices" to pair.
5. The controller's indicator lights will stop flashing and remain solid once paired.

## 6. OPERATING INSTRUCTIONS

### Turbo Function

The Turbo function allows for rapid, continuous input of a button press.

# TURBO Function

**TURBO Function** Three-gear adjustable function support for choosing different continuous shooting speeds in different games



This image illustrates the three-gear adjustable Turbo function, allowing users to select continuous shooting speeds of 5, 10, or 15 presses per second for different games.

1. To activate Turbo: Press and hold the "Turbo" button, then press the desired action button (A/B/X/Y/L/R/ZL/ZR). The button will now continuously input when held down.
2. To adjust Turbo speed: While Turbo is active, press and hold the "Turbo" button and move the Left Analog Stick Up or Down to cycle through speeds (e.g., 5/s, 10/s, 15/s).
3. To deactivate Turbo: Press and hold the "Turbo" button, then press the same action button again.

## Macro Function (M1/M2 Buttons)

The M1 and M2 buttons on the back of the controller can be programmed to execute a sequence of button presses.



An image detailing the Macro function, where M1 and M2 back buttons can be assigned up to 16 basic button functions to optimize gameplay and reduce finger strain.

1. Macro programming is primarily done through the PNX Play APP.
2. Download the "P NX Play" APP from your device's app store.
3. Connect your controller to the APP.
4. Follow the in-app instructions to record and assign macro sequences to the M1 and M2 buttons.

### **Gyro Axis and Somatosensory**

The controller features a built-in six-axis gyroscope sensor for precise motion control in compatible games.

# Built in 6-axis Gyro

**TURBO Function** Three-gear adjustable function support for choosing different continuous shooting speeds in different games



This image shows the controller being used for a racing game, highlighting the built-in 6-axis gyro for all-round somatosensory control, providing precise motion control.

## Vibration Adjustment

Adjust the intensity of the dual shock vibration motors to suit your preference.

# Three Speed Vibration Adjustable



Collision



Take off



Fighting



An image demonstrating the three-speed vibration adjustment feature, showing different vibration intensities for various in-game scenarios like collisions, take-offs, and fighting.

1. While the controller is connected, press and hold the "Turbo" button and move the Left Analog Stick Left or Right to adjust vibration intensity.
2. There are four levels of vibration intensity: 0%, 20%, 40%, 100%.

## Wake-Up Function

The controller supports a one-button wake-up function for the Nintendo Switch console.

1. When the Nintendo Switch console is in sleep mode, simply press the "HOME" button on the PXN P50L controller.
2. The console will wake up and connect to the controller automatically.

## 7. MAINTENANCE

- Store the controller in a dry place away from direct sunlight and extreme temperatures.
- Clean the controller with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid dropping the controller or exposing it to strong impacts.
- If not using the controller for an extended period, charge it periodically to maintain battery health.

## 8. TROUBLESHOOTING

### **Controller does not power on.**

Ensure the controller is fully charged. Connect it to a power source using the USB-C cable.

### **Controller does not connect to Switch/PC/iOS.**

- Verify Bluetooth is enabled on your device.
- Ensure the controller is in pairing mode (indicator lights flashing).
- Forget the device in your device's Bluetooth settings and try pairing again.
- Try connecting via USB cable to check if the controller is functional.
- For PC Bluetooth, ensure you have a Bluetooth receiver if using a desktop.

### **Buttons are unresponsive or stuck.**

- Clean around the buttons to remove any debris.
- Try resetting the controller (refer to the PXN Play APP or manufacturer's website for specific reset procedures if needed).

### **Vibration is not working or too weak/strong.**

Adjust the vibration intensity using the "Turbo" button and Left Analog Stick (refer to "Vibration Adjustment" section).

### **Macro function not working.**

Ensure the macro is correctly programmed via the PXN Play APP and assigned to the M1/M2 buttons.

## 9. SPECIFICATIONS

Feature	Detail
Dimensions	6.61 x 4.61 x 3.46 inches
Weight	11.3 ounces
Brand/Manufacturer	PXN
Battery Type	1 Lithium Polymer battery (included)
First Available	June 7, 2022

Feature	Detail
Connectivity	Wireless (Bluetooth), Wired (USB-C)
Compatibility	Nintendo Switch/Lite/OLED, iOS (16+), PC (Windows)
Battery Capacity	550mAh

## 10. WARRANTY AND SUPPORT

The PNX P50L Wireless Switch Pro Controller comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact PNX customer service through their official website or the contact information provided in your product packaging.

You can also visit the official PNX store on Amazon for more information and support:[PNX Official Store](#)