

NYXI SP5248LED-BK

NYXI Wireless Controller for Nintendo Switch, Switch Lite, and Switch OLED - User Manual

Model: SP5248LED-BK

1. INTRODUCTION

Thank you for purchasing the NYXI Wireless Controller. This controller is designed to enhance your gaming experience on Nintendo Switch, Switch Lite, and Switch OLED consoles. It features advanced functionalities such as customizable LED lighting, programmable back buttons, adjustable vibration, a 6-axis gyro sensor, and a TURBO function.

Please read this manual carefully before use to ensure proper operation and to fully utilize all features of your new controller.



Image 1.1: Front view of the NYXI Wireless Controller, showcasing its ergonomic design and illuminated joysticks.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- NYXI Wireless Controller x 1
- Type-C Charging Cable x 1
- Instruction Manual x 1



Image 2.1: The NYXI Wireless Controller and its retail packaging.

3. PRODUCT FEATURES

- **Colorful LED Lights:** Features 9 LED colors (Red, Orange, Green, Cyan, Blue, Purple, Pink, Rainbow) and 3 lighting modes to customize your gaming atmosphere.
- **Customizable Back Buttons:** Equipped with 4 programmable back buttons (M1, M2, M3, M4) that can be assigned to various functions, simplifying complex in-game actions.
- **Adjustable Vibration & 6-Axis Gyro:** Offers 4 levels of vibration intensity for immersive feedback and a 6-axis gyro sensor for precise motion control.
- **TURBO Function:** Includes a TURBO button for continuous firing, with 3 adjustable speed settings (5, 12, or 20 shots per second), reducing hand fatigue during prolonged gameplay.
- **Long Battery Life:** Built-in 600mAh battery provides approximately 10 hours of gameplay on a 2-hour charge. Supports both wireless and wired connections.
- **Wake-up Function:** Pressing the Home button can wake up the Nintendo Switch console from sleep mode.

9色LEDライト & 3種類発光モード

お気に入りのLED色を選択して、ゲームプレイ時の雰囲気盛り上げましょう。



Image 3.1: The controller's joysticks displaying various LED colors and lighting effects.



Image 3.2: The rear of the controller, showing the strategically placed and customizable M1, M2, M3, and M4 buttons.

4. SETUP AND CONNECTION

4.1 Wireless Pairing with Nintendo Switch

1. On your Nintendo Switch console, go to the HOME Menu.
2. Select "Controllers" > "Change Grip/Order".
3. Press and hold the Sync button on the back of the NYXI controller for 3-5 seconds until the LED indicators start flashing rapidly.
4. Once the controller is successfully paired, the player LED(s) on the controller will light up solid.

4.2 Wired Connection

To use the controller in wired mode, connect the Type-C charging cable from the controller to a USB port on the Nintendo Switch dock. Ensure that "Pro Controller Wired Communication" is enabled in the Switch System Settings.

4.3 Waking Up the Console

When the Switch console is in sleep mode, you can press the Home button on the NYXI controller to wake it up, provided the controller is already paired wirelessly.



Image 4.1: The controller in use with a Nintendo Switch console connected to a television.

5. OPERATING INSTRUCTIONS

5.1 LED Light Modes

The controller features 9 LED colors and 3 lighting modes. Use the dedicated LED button (often located near the Home button) to cycle through colors and modes. The available modes typically include:

- Standard Mode (solid color)
- Breathing Mode (fading in and out)
- Rainbow Mode (cycling through colors)

5.2 Customizing Back Buttons (M1-M4)

The 4 back buttons (M1, M2, M3, M4) can be programmed to replicate other button inputs or sequences. Refer to the detailed instructions in the included manual for specific programming steps. This feature allows for single button assignments or macro sequences.

5.3 Vibration Adjustment

The controller offers 4 levels of vibration intensity: 0% (off), 30%, 70%, and 100%. To adjust, press and hold the Vibration button (or a designated combination, refer to the manual) and use the D-pad or joystick to select your preferred intensity.



Image 5.1: Visual representation of the four adjustable vibration intensity levels.

5.4 TURBO Function

The TURBO function allows for rapid, continuous input of a selected button. It has 3 adjustable speeds: 5, 12, and 20 shots per second.

1. **To activate TURBO:** Press and hold the TURBO button, then press the button you wish to set for continuous fire (e.g., A, B, X, Y, L, R, ZL, ZR).
2. **To adjust TURBO speed:** While holding the TURBO button, move the Right Analog Stick Up or Down to cycle through the 3 speed settings.
3. **To deactivate TURBO:** Repeat the activation step (hold TURBO, then press the assigned button) or hold the TURBO button for 5 seconds.

3段階TURBO連射機能

長押し連射、連射ホールド、
連射速度調整に対応します。

5 発/秒 12 発/秒 20 発/秒



Image 5.2: The controller illustrating the TURBO function and its three speed levels.

5.5 Charging the Controller

Connect the provided Type-C charging cable to the controller's charging port and the other end to a USB power source (e.g., Switch dock, USB wall adapter, computer USB port). The LED indicators will show charging status and turn off when fully charged. A full charge takes approximately 2 hours and provides about 10 hours of gameplay.

6. KEYLINKER APP CUSTOMIZATION

The NYXI controller supports customization via the dedicated "KeyLinker" mobile application. This app allows for advanced configuration of various controller settings, including:

- Button remapping
- Adjusting joystick dead zones
- Fine-tuning vibration intensity
- Configuring TURBO function settings
- Programming back buttons (M1-M4)

- Advanced LED light adjustments (e.g., RGB values)

Download the "KeyLinker" app from your mobile device's app store and follow the in-app instructions to connect and customize your controller.



Image 6.1: The KeyLinker mobile application interface, showing various customization options for the controller.

7. MAINTENANCE

- Keep the controller dry and away from extreme temperatures.
- Clean the controller with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid dropping the controller or subjecting it to strong impacts.
- Store the controller in a safe place when not in use to prevent damage.

8. TROUBLESHOOTING

8.1 Controller Not Connecting/Pairing

- Ensure the controller is charged.
- Verify that the Switch console is updated to the latest system version.
- Try re-pairing the controller by following the steps in Section 4.1.
- If multiple controllers are paired, try disconnecting others or resetting the Switch's Bluetooth connections.
- Ensure the controller is within range of the Switch console.

8.2 Joystick Drift or Unresponsive Buttons

- Calibrate the joysticks and buttons through the Nintendo Switch System Settings: HOME Menu > System Settings > Controllers and Sensors > Calibrate Control Sticks / Calibrate Buttons.
- Clean around the joysticks and buttons to remove any dust or debris.
- If using the KeyLinker App, check for any dead zone settings that might be causing issues.
- Consider resetting the controller to factory settings (refer to the full manual for specific button combinations).

8.3 Settings Reset After Power Off

Some settings, particularly macros or LED configurations, might reset if the controller is completely powered off or if the KeyLinker app connection is unstable. Ensure settings are saved correctly within the app and that the controller maintains a charge.

9. SPECIFICATIONS

Feature	Detail
Brand	NYXI
Model Number	SP5248LED-BK
Compatibility	Nintendo Switch, Switch Lite, Switch OLED
Connectivity	Wireless (Bluetooth), Wired (USB Type-C)
Battery Capacity	600mAh
Charging Time	Approx. 2 hours
Operating Time	Approx. 10 hours
Vibration	4-level adjustable
Motion Sensor	6-axis Gyro Sensor
LED Lights	9 colors, 3 modes

Programmable Buttons	4 back buttons (M1-M4)
TURBO Function	3 adjustable speeds
Dimensions	15.7 x 13.6 x 7.3 cm
Weight	228 g


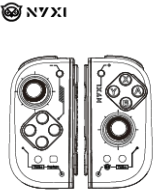
10. WARRANTY AND SUPPORT





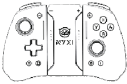



This product comes with a **1-year warranty** from the date of purchase. In the unlikely event of a product defect, please contact the seller directly for assistance. We offer new product exchanges for defective units.

For further support or inquiries, please refer to the contact information provided with your purchase or visit the official NYXI website.

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Related Documents - SP5248LED-BK

 <p>WARRIOR BLUETOOTH CONTROLLER For NS / Wii / Windows</p>	<p>NYXI Warrior Bluetooth Controller: User Manual & Setup Guide</p> <p>Explore the NYXI Warrior Bluetooth Controller with this comprehensive user manual. Learn how to connect and use the controller with Nintendo Switch, Wii, Windows, Android, and iOS. Features include Turbo mode and programmable buttons.</p>
 <p>HYPERION 2 WIRELESS CONTROLLER</p>	<p>NYXI Hyperion 2 Wireless Controller User Manual</p> <p>Comprehensive guide to the NYXI Hyperion 2 Wireless Controller, covering setup, features, calibration, RGB lighting, turbo functions, macro programming, vibration settings, charging, and reset procedures for Nintendo Switch.</p>

<div><h3>NYXI Wizard</h3><p>Product Manual</p><p><small>Note: For a better gaming experience, please fully charge the battery when using for the first time.</small></p></div>	<p>NYXI Wizard Controller User Manual: Setup, Features, and Troubleshooting</p> <p>Comprehensive user manual for the NYXI Wizard gaming controller. Learn how to connect, customize turbo and macro functions, adjust vibration, and perform calibration for your Nintendo Switch. Includes product specifications and support contact.</p>
<div><p>(Spanish)</p><p>CONTENIDO DEL PAQUETE</p><ul style="list-style-type: none">Controlador inalámbrico NJ10 v1Controlador de carga NJ10 v1Paquete de batería NJ10 v1Recargador USB-C a USB-ACable USB-C a USB-ACable de extensión para receptor v1<p>ESPECIFICACIONES</p><ul style="list-style-type: none">Controlador: Bluetooth 5.0, 2.4 GHzBatería: 400mAh (para controlador)Carga: 5V/1A a USB-CMaterial: PC + ABS + Metal + SiliconaPeso: 230gDimensiones: 138*72*16.5mm<p>- 28 -</p></div>	<p>NYXI NJ10 Controller User Manual and Specifications</p> <p>This document provides a comprehensive guide to the NYXI NJ10 controller, including package contents, specifications, connection instructions for Nintendo Switch, PC (XInput and DInput modes), and NGC, as well as calibration and function details.</p>
<div><p>HYPERION PRO WIRELESS CONTROLLER FOR NINTENDO SWITCH</p></div>	<p>NYXI Hyperion Pro Wireless Controller for Nintendo Switch, Lite, OLED - User Manual</p> <p>Comprehensive user manual for the NYXI Hyperion Pro wireless controller, detailing setup, features like turbo functionality, light and vibration adjustments, and firmware updates for Nintendo Switch, Switch Lite, and Switch OLED.</p>
<div><p>WIZARD 2 BLUETOOTH CONTROLLER Nintendo Switch/ NGC/ Wii/ PC</p></div>	<p>NYXI WIZARD 2 Bluetooth Controller User Manual Nintendo Switch, NGC, Wii, PC</p> <p>Comprehensive user manual for the NYXI WIZARD 2 Bluetooth Controller. Learn how to connect to Nintendo Switch, PC, and Wii, calibrate joysticks and triggers, use turbo functions, and program buttons. Includes technical specifications and safety precautions.</p>