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> NYXI Switch Pro Controller for Nintendo Switch/Switch Lite/Switch OLED,Wireless Switch Controller with LED Color Light,4 Programmable Buttons,Turbo,Vibration,One Key Wake Up

NYXI SP5248LED

NYXI Switch Pro Controller User Manual

Model: SP5248LED

INTRODUCTION

This user manual provides comprehensive instructions for the NYXI Switch Pro Controller, designed for Nintendo Switch, Switch Lite, and Switch OLED consoles. This wireless controller features advanced functionalities such as LED color lighting, programmable buttons, adjustable turbo speeds, and vibration feedback, enhancing your gaming experience. Please read this manual carefully before using the product to ensure proper operation and maintenance.



Figure 1: Front view of the NYXI Switch Pro Controller, showcasing its ergonomic design and illuminated joysticks.

IMPORTANT SAFETY INFORMATION

Please observe the following safety guidelines to prevent damage to the product or personal injury:

- Keep out of reach of children under 3 years of age, as it contains small parts.
- Do not use the product near ignition sources.
- Do not disassemble or modify the product.
- Do not place the product in a humid or dusty environment.
- Do not use the product for purposes other than those for which it was designed.
- Dispose of the product and its parts in accordance with local regulations and do not dispose of it as household waste.

INFORMAZIONI SULLA SICUREZZA

- Tenere fuori dalla portata dei bambini di età inferiore ai 3 anni poiché contiene parti di piccole dimensioni.
- Non utilizzare il prodotto in prossimità di fonti di accensione.
- Non smontare o modificare il prodotto.
- Non collocare il prodotto in un ambiente umido o polveroso.
- Non utilizzare il prodotto per scopi diversi da quelli per cui è stato progettato.
- Smaltire il prodotto e le sue parti in conformità alle normative locali e non smaltirlo come rifiuto domestico.

Figure 2: Original safety information provided with the product, translated for your convenience.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- NYXI Switch Pro Controller
- USB Charging Cable
- User Manual (this document)

KEY FEATURES

- **LED Color Lighting Effect for 3D Joystick:** The controller features adjustable LED light effects on the left and right 3D joysticks. Choose from 9 different light effects (8 LED colors and 1 rainbow LED light). You can also set the lights to auto-cycle mode and adjust brightness levels.

9 COLORS RING LIGHTS WITH 3 MODE

Different colors LED for better playing experience



Figure 3: Illustration of the 9 distinct LED color options and 3 lighting modes for the joystick rings.

- **Extra Programmable Buttons:** Four additional buttons (M1, M2, M3, M4) are located on the back of the controller. These can be configured for single-key mapping or macro definitions. Mappable function keys include UP, DOWN, LEFT, RIGHT, A, B, X, Y, L, R, ZL, ZR, L3, R3, +, -. These custom buttons enhance efficiency and smoothness of operations. The controller also supports a one-key wake-up function for quick game entry.



PROGRAMMABLE BUTTONS ON THE BACK

*Get a wireless connection with SYNC Button.
4 programmable buttons provide more choice to set up.*

Figure 4: Detailed view of the rear programmable buttons (M1-M4) and the SYNC button.

- **Turbo and Adjustable Vibration:** The controller supports TURBO mode for rapid, continuous button presses. You can set A/B/X/Y/L/R/ZL/ZR buttons to turbo with 3 adjustable speeds: 5, 12, or 20 times per second. The vibration function has 4 levels: 0%, 30%, 70%, and 100%. After adjustment, the motor will vibrate for 3 seconds to confirm the setting.

3 SPEED OF TURBO

helps you easier to win.

5  Schots/s

12  Schots/s

20  Schots/s



Figure 5: Visual representation of the three adjustable Turbo speeds.



Figure 6: Diagram illustrating the four levels of adjustable vibration intensity.

- **Wireless Connection and Long Working Time:** Supports both wired and wireless connections. The wireless connection offers a range of up to 10 meters. The built-in 500mAh battery provides 6-8 hours of playtime on a full charge.
- **High Compatibility:** Compatible with Nintendo Switch, Switch Lite, and Switch OLED consoles.
- **Ergonomic Design:** Non-slip handheld settings ensure comfortable use during extended gaming sessions.
- **App Customization:** Through the "KeyLinker" app, you can easily change LED light colors, adjust stick dead zones, allocate buttons, and program back buttons.

APP CUSTOMIZATION

Through the App "KeyLinker" to easy change the color of the LED lights, to adjust the dead zone of the sticks, to allocate the buttons, and to program the back buttons.



Figure 7: Example interface of the "KeyLinker" application for advanced controller customization.

SETUP GUIDE

Initial Charging

Before first use, fully charge the controller to activate it. Connect the provided USB charging cable to the controller's charging port and the other end to a USB power source (e.g., Nintendo Switch dock, computer USB port, or USB wall adapter). The LED indicators on the controller will show charging status and turn off or change color when fully charged.

Pairing with Nintendo Switch

1. From the Nintendo Switch HOME Menu, select "Controllers" > "Change Grip/Order".
2. On the NYXI Switch Pro Controller, press and hold the **SYNC Button** (located on the back, near the M2 button) for a few seconds until the LED indicators start flashing rapidly.
3. Once the controller is successfully paired, the player LED(s) corresponding to the controller number will light up solid.
4. To wake up the console from sleep mode using the controller, press the HOME button on the controller.

Note: The controller supports both wired and wireless connections. For wired connection, connect the controller directly to the Nintendo Switch dock via a USB cable.

OPERATING INSTRUCTIONS

Programmable Buttons (M1-M4)

The four back buttons (M1, M2, M3, M4) can be customized for single-key mapping or macro functions.

Single Key Mapping:

1. Press and hold the **M button** you wish to program (e.g., M1) and the **"+" button** simultaneously until the controller vibrates.
2. Press the desired function key (e.g., A, B, X, Y, L, R, ZL, ZR, L3, R3, +, -, UP, DOWN, LEFT, RIGHT) you want to map to the M button.
3. Press the **M button** again to confirm. The controller will vibrate to indicate successful mapping.

Macro Definition:

Refer to the "KeyLinker" app for advanced macro programming. The app allows for complex sequence recording and assignment to the M buttons.

Turbo Function

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

1. Press and hold the **T button** (Turbo button) and the desired action button (A/B/X/Y/L/R/ZL/ZR) simultaneously to activate Turbo mode for that button.
2. To adjust Turbo speed, press the **T button** and then press the **"+" button** or **"-" button** to cycle through the 3 speeds (5, 12, 20 times/sec).
3. To deactivate Turbo for a button, repeat step 1.

Vibration Adjustment

Adjust the intensity of the controller's vibration feedback.

1. Press and hold the **T button** and then press the **D-pad Up** or **D-pad Down** button to cycle through the 4 vibration levels (0%, 30%, 70%, 100%).
2. The controller will vibrate for 3 seconds at the selected intensity to confirm the setting.

LED Lighting Effects

Customize the LED lights on the joysticks.

- **Changing Colors/Modes:** Refer to the 'KeyLinker' app for detailed LED customization.
- **Brightness Adjustment:** Use the "KeyLinker" app to adjust the brightness of the LED lights.

Note: For comprehensive customization of LED lights, dead zones, and button allocation, download and use the "KeyLinker" application on your mobile device.

MAINTENANCE

Charging the Controller

When the battery is low, the LED indicators may flash. Connect the controller to a power source using the USB cable. A full charge typically takes approximately 2-3 hours. Avoid overcharging the battery for extended periods.

Cleaning

To clean the controller, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or wet cloths, as these can damage the surface or internal components. Keep the controller free from dust and debris.

Storage

Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Controller does not connect/pair.	Low battery; out of range; pairing mode not activated; interference.	Charge the controller. Ensure it's within 10 meters of the console. Press and hold the SYNC button until LEDs flash. Move closer to the console. Turn off other wireless devices.
Buttons or joysticks are unresponsive.	Software glitch; physical damage; dust/debris.	Restart the controller and console. Clean around buttons/joysticks. If problem persists, contact support.
Vibration is too weak/strong or absent.	Vibration setting is incorrect or off.	Adjust vibration intensity using the T button + D-pad Up/Down.
LED lights are not working or incorrect.	LED setting is incorrect; software issue.	Check LED settings via the "KeyLinker" app. Restart the controller.
Controller disconnects frequently.	Low battery; wireless interference; distance.	Charge the controller. Reduce distance to console. Minimize wireless interference from other devices.

SPECIFICATIONS

Feature	Detail
Model Number	SP5248LED
Compatibility	Nintendo Switch, Switch Lite, Switch OLED
Connectivity	Wireless (Bluetooth), Wired (USB)
Battery Type	Lithium Polymer (1 required, included)
Battery Capacity	500mAh

Feature	Detail
Playtime	6-8 hours (approx.)
Charging Time	2-3 hours (approx.)
Wireless Range	Up to 10 meters
Product Dimensions	15.19 x 10.8 x 5.94 cm
Weight	225 g
Special Features	LED Color Lighting, 4 Programmable Buttons (M1-M4), Turbo Function (3 speeds), Adjustable Vibration (4 levels), One-Key Wake Up, App Customization (KeyLinker)

WARRANTY AND SUPPORT

NYXI products are manufactured with high-quality standards. For any questions, issues, or support needs regarding your NYXI Switch Pro Controller, please contact the seller directly through the platform where you purchased the product. Please retain your proof of purchase for warranty claims.