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MODEL: 2.4G WIRELESS PC CONTROLLER

Introduction

This manual provides detailed instructions for the YUYIU 2.4G Wireless PC Controller. It covers product features, setup procedures, operating guidelines, maintenance tips, and troubleshooting information to ensure optimal performance and user experience across various platforms including Windows PC, Android, and Nintendo Switch.

Product Overview

The YUYIU 2.4G Wireless PC Controller is a versatile gaming peripheral designed for multi-platform compatibility. It features RGB lighting, programmable keys, Hall Effect joysticks and triggers, and adjustable vibration feedback for an enhanced gaming experience.

Components

- YUYIU 2.4G Wireless PC Controller
- USB Wireless Dongle
- Charging Cable (USB-C)
- User Manual (this document)



Image: The YUYIU 2.4G Wireless PC Controller, showcasing its main buttons, joysticks with RGB rings, and the included USB wireless dongle. The ML and MR programmable back buttons are also highlighted.

Setup and Connection

The controller supports three primary connection modes: 2.4G Wireless, Bluetooth, and Wired connection.

1. 2.4G Wireless Connection (for PC, Android TV)

1. Insert the USB wireless dongle into an available USB port on your PC or Android TV.
2. Press and hold the 2.4G connection button on the controller (often indicated by a dongle icon) until the indicator lights begin to flash rapidly.
3. Once connected, the indicator light will become solid.

2. Bluetooth Connection (for PC, Android, Switch, Steam, TV)

1. Ensure Bluetooth is enabled on your device (PC, Android phone/tablet, Nintendo Switch).
2. Press and hold the Bluetooth connection button on the controller (often indicated by a Bluetooth icon) until the indicator lights flash rapidly.
3. On your device, search for new Bluetooth devices and select "YUYIU Controller" (or similar) to pair.
4. Once connected, the indicator light will become solid.

3. Wired Connection (for PC)

1. Connect the controller to your PC using the provided USB-C charging cable.
2. The controller will automatically be recognized as a wired gamepad.



Image: The YUYIU controller demonstrating its multi-platform compatibility, connecting to devices such as Nintendo Switch, Steam Deck, MacOS, Tablet, PC, Raspberry Pi, Android TV/Xbox, and Tesla.



Image: An illustration detailing the three connection modes (Switch, Bluetooth, 2.4G) and the controller's 800mAh battery, showing 2-3 hours charging time and 8-10 hours playing time.

Operating Instructions

RGB Lighting Adjustment

The controller features customizable RGB lighting around the joysticks. You can cycle through various colors and lighting effects (e.g., brightness, breathing, colorful, fade-off) using a dedicated button or combination of buttons (refer to quick start guide for specific button presses).



Image: Two YUYIU controllers displaying different RGB lighting colors around their joysticks, illustrating the 7-color RGB lighting and various combinations like brightness, breathing, colorful, and fade-off.

Programmable Keys (ML/MR)

The controller includes two programmable back buttons, ML and MR, which can be mapped to other controller inputs for personalized control schemes. Consult the quick start guide for instructions on how to program these keys.

Mobile APP Handle Assistant

Wireless connectivity for an all-around exclusive grip threshold.



Image: A visual representation of the mobile app interface for controller customization, showing options for stick sensitivity, motor vibration intensity, macro-recording, and Hall rocker/RGB lighting settings. The image also highlights gaming cross conductive adhesive keys and gaming Hall triggers.

Turbo Function

The controller supports a Turbo function, allowing for rapid, repeated input of a button press. This feature can be activated and adjusted to three different levels. Refer to the quick start guide for specific activation steps.

Vibration Adjustment

Experience immersive feedback with adjustable dual vibration motors. The intensity of the vibration can be set to four different levels (0%, 30%, 70%, 100%) to suit your preference.



Image: A graphic illustrating the adjustable dual vibration feature of the controller, showing four levels of vibration intensity from 0% to 100%.

Hall Effect Joysticks and Triggers

The controller is equipped with Hall Effect joysticks and triggers, which utilize magnetic sensors for enhanced precision and durability, reducing stick drift and providing a smoother, more accurate response. The Hall triggers offer 0.1MM high precision and 255-order precision linearity with a response time of less than 0.1ms.



Image: A close-up view highlighting the silky smooth, high-precision Hall Effect trigger, emphasizing its 0.1MM accuracy and 255-order precision linearity.



Image: A dynamic image showcasing the high precision Hall Trigger, noting its response time of less than 0.1ms and 0.1MM accuracy, set against a racing game background.

Gyro Sensor

The controller includes a 6-axis gyro sensor, providing motion control capabilities for compatible games, particularly useful for Nintendo Switch titles.

Right Joystick Speed Down Button

A dedicated button on the right joystick allows for temporary speed reduction, enabling precise aiming in games that require fine motor control.

Right Joystick speed Down

With right joystick speed-down button, you can aim the target with slow movement for precise aiming



Image: An illustration demonstrating the 'Right Joystick speed Down' feature, showing a player aiming precisely in a first-person shooter game using the controller.

High Performance and Low Latency

The controller is designed for high performance, offering a 1000Hz polling rate for minimal input lag, resulting in a responsive gaming experience.

3x faster than regular grips 10x lower transmission latency

DAWN gamepad lets you play 1000hz for less than a hundred bucks



Image: A graphic highlighting the controller's high performance, stating it is '3x faster than regular grips' and has '10x lower transmission latency' with a 1000Hz polling rate.

Maintenance

Charging the Controller

The controller features a built-in 800mAh lithium battery. Connect the controller to a power source using the provided USB-C cable. A full charge typically takes 2-3 hours and provides 8-10 hours of playing time.

Cleaning

To clean the controller, use a soft, dry cloth. Avoid using harsh chemicals or abrasive materials, as these may damage the surface or internal components.

Troubleshooting

Connection Issues

- **Controller not connecting:** Ensure the controller is charged. Verify the correct connection mode (2.4G or Bluetooth) is selected and the pairing process is followed correctly. For 2.4G, ensure the USB dongle is securely inserted. For Bluetooth, check your device's Bluetooth settings.
- **Intermittent connection:** Move closer to your device to reduce interference. Ensure no other wireless devices are causing interference.

Button or Joystick Unresponsiveness

- **Buttons not responding:** Test the controller with another game or device to isolate the issue. Ensure the controller firmware is up to date (if applicable).
- **Joystick drift:** Hall Effect joysticks are designed to minimize drift, but if issues occur, try recalibrating the joysticks through your device's settings or a dedicated controller utility if available.

Battery Issues

- **Controller not charging:** Ensure the charging cable is properly connected to both the controller and a working power source. Try a different USB-C cable or power adapter.
- **Short battery life:** Reduce RGB lighting brightness or turn it off to conserve battery. Ensure the controller is fully charged before use.

Specifications

- **ASIN:** B0D9GSQR69
- **Product Dimensions:** 3.94 x 3.15 x 1.97 inches
- **Item Weight:** 11.3 ounces
- **Manufacturer:** YUYIU
- **Date First Available:** July 15, 2024
- **Battery:** 800mAh Lithium (Built-in)
- **Connection Modes:** 2.4G Wireless, Bluetooth, Wired
- **Compatibility:** Windows PC, Android, Nintendo Switch, Steam, TV, MacOS, Raspberry Pi, Tesla
- **Special Features:** RGB Lighting, Programmable Keys, Hall Joysticks, Hall Triggers, Adjustable Vibration, 6-Axis Gyro Sensor, Turbo Function, 1000Hz Polling Rate

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official YUYIU website. Keep your purchase receipt for warranty claims.