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YUYIU XB-023

YUYIU Wireless 2.4GHz Controller Instruction Manual

Model: XB-023

Brand: YUYIU

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your YUYIU Wireless 2.4GHz Controller. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The YUYIU Wireless 2.4GHz Controller is designed for an enhanced gaming experience across multiple platforms. It features customizable RGB lighting, dual vibration motors, programmable back keys, and a 3.5mm audio jack.

Controller Components

4 LIGHTING MODES

-  RGB LED off model
-  Flashing Light
-  Breath LED light
-  Solid LED lights



3.5MM AUDIO JACK



DUAL VIBRA SHOCK



Figure 1: Front view of the YUYIU Wireless Controller, highlighting 2.4GHz wireless, linear triggers, quadruple vibration, turbo speed, light setting key, 2 programmable buttons, quick trigger, and wireless controller functionality.

CONNECT AND PLAY ON MAJOR PLATFORMS



A complete series of PC, STEAM and XBOX hosts, connected and played on major platforms, with powerful functions and simple and rough methods



Figure 2: Back and top view of the YUYIU Wireless Controller, showing LB, RB, L3, R3, D-PAD, View, Menu, Share, Home button, Turbo-LED, Codematching button, Type-C port, Quick trigger switches, Programmable Keys (MR, ML), Reset button, and Light setting key.

- **Left/Right Joysticks:** For directional control.
- **A/B/X/Y Buttons:** Standard action buttons.
- **D-Pad:** Directional pad.
- **LB/RB Buttons:** Shoulder buttons.
- **LT/RT Triggers:** Analog triggers with quick trigger switches.
- **Home Button:** Powers on/off and accesses system menus.
- **View/Menu/Share Buttons:** For system-specific functions.
- **Turbo Button:** Activates turbo functions.
- **Programmable Keys (ML/MR):** Customizable back buttons.
- **Light Setting Key:** Controls RGB lighting modes.
- **3.5mm Audio Jack:** For connecting headphones and microphones.
- **Type-C Port:** For charging and wired connection.
- **2.4GHz Wireless Adapter:** For wireless connection to compatible devices.

SETUP INSTRUCTIONS

Wireless Connection via 2.4GHz Adapter

1. Plug the 2.4GHz wireless adapter into an available USB port on your Xbox console (Xbox One/Series X|S) or PC (Windows 10 and above). The receiver's indicator light will blink slowly.
2. Press the Home button on the controller to power it on. The controller's Home button light will begin to flash.
3. Hold the small button located next to the Type-C charging port on the controller for 3 seconds to enter pairing mode. The controller's Home button light will flash rapidly.
4. While the controller is flashing rapidly, hold the button on the 2.4GHz wireless adapter for 3 seconds. The adapter's light will also flash rapidly.
5. Wait for both the controller and receiver lights to become solid. This indicates a successful connection. The controller will vibrate once upon successful connection.

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Video 1: Demonstrates the process of connecting the YUYIU Wireless Controller to a device using the 2.4GHz receiver, including pairing steps and indicator light behavior.

Wired Connection

To use the controller in wired mode, simply connect the controller to your Xbox console or PC using the provided USB Type-C cable. The system will automatically install necessary drivers. The controller's indicator light will remain on once connected, signifying readiness for use.

OPERATING INSTRUCTIONS

RGB Lighting Control

The controller features customizable RGB lighting around the joysticks. You can cycle through different lighting modes and colors.

- **Turn On/Off Lights:** Press and hold the Light Setting Key (located on the back of the controller) for 3 seconds.
- **Cycle Solid Colors:** In solid light mode, short press the Light Setting Key to cycle through various colors (Blue, Ice Blue, Green, Orange, Yellow, Red, Pink).
- **Breathing Mode:** Press the Light Setting Key + B button simultaneously to activate breathing mode. Short press the Light Setting Key to cycle through breathing colors.
- **Rainbow Mode (Circle Running Marquee):** Press the Light Setting Key + Y button simultaneously to activate rainbow mode. The lights will rotate and change colors in sequence.
- **Restore Constant Light Mode:** Press the Light Setting Key + A button simultaneously.

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Video 2: A tutorial demonstrating how to control and change the RGB lighting modes and colors on the YUYIU Wireless Controller.

Turbo Function

The Turbo function allows for rapid, repeated input of a button press, useful in certain gaming scenarios.

1. **Set Turbo Function:** Press and hold the desired action button (A/B/X/Y/LB/RB/L3/R3) and then press the Turbo key. The Turbo light will flash.
2. **Activate Auto Turbo:** Press the action button + Turbo key again. The Turbo light will flash, indicating auto turbo is active. In auto turbo mode, pressing and holding the button stops rapid shots; releasing it resumes action.
3. **Clear Turbo Function:** Press the action button + Turbo key a third time to clear the turbo function for that specific button.

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Video 3: Explains how to set up and use the Turbo function, including normal, hold, and auto turbo modes, and how to adjust speed.

Programmable Back Keys (ML/MR)

The ML and MR buttons on the back of the controller can be programmed to mimic other basic function keys, allowing for customized gameplay.

1. **Enter Programming Mode:** Press and hold the 'M' (Memory) button on the back of the controller for 3 seconds. The controller will vibrate once, indicating entry into programming mode.
2. **Record Sequence:** Press the sequence of buttons you wish to record (e.g., A, B, X, Y, LB, RB, L3, R3, D-PAD).
3. **Assign to Back Button:** Press either the ML or MR back button to confirm the assignment. The controller will vibrate once, confirming the successful assignment.
4. **Execute Programmed Combo:** Press the assigned ML or MR button to execute the recorded sequence.

This feature allows for 1-16 combination function keys to be assigned.

Refer to Video 3 for a visual demonstration of programmable key setup.

Audio Jack Usage

The 3.5mm stereo jack allows you to connect headphones and microphones, enabling simultaneous audio reception and transmission during gameplay.

Dual Vibration Motors

The built-in dual vibration motors provide realistic feedback for in-game actions such as weapons fire, impacts, and environmental effects, enhancing the immersive gaming experience.

CONNECTION VIA 2.4GHZ WIRELESS ADAPTER

Plug and Play, No Driver Installation Required



Xbox One X/S



Xbox one



Xbox Series X/S



PC Windows



Figure 3: Illustration of the dual vibration motors within the YUYIU Wireless Controller, emphasizing realistic feedback.

CHARGING AND BATTERY

The controller is equipped with a built-in 1000mAh lithium battery, providing extended gameplay time.

- **Charging:** Connect the controller to a USB power source (e.g., console, PC, USB adapter) using the provided Type-C cable. The controller's indicator light will flash slowly during charging.
- **Full Charge:** Once fully charged, the indicator light will remain solid.
- **Battery Life:** A full charge typically takes 2-3 hours and provides 10-14 hours of gameplay.

AUTO & MANUAL TURBO

TURBO function makes it easier to win an arcade or action game



Figure 4: The YUYIU Wireless Controller being charged via its USB-C port, illustrating the 1000mAh battery and charging indicators.

COMPATIBILITY

The YUYIU Wireless 2.4GHz Controller offers broad compatibility:

- Xbox One
- Xbox One S
- Xbox One X
- Xbox Series X
- Xbox Series S
- Steam PC (Windows 10 and above)

It supports both wireless (via 2.4GHz adapter) and wired connections (via USB Type-C cable).



Figure 5: Visual representation of the YUYIU Wireless Controller's compatibility with various platforms including PC, Steam, and Xbox consoles.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Controller does not connect wirelessly.	Incorrect pairing procedure or interference.	Ensure the 2.4GHz adapter is properly plugged in and both the controller and adapter are in rapid flashing mode during pairing. Try re-pairing in a clear area.
D-Pad malfunction (e.g., unresponsive, incorrect input).	Potential hardware issue or calibration problem.	Ensure the controller firmware is up to date. If the issue persists, contact customer support. (Refer to Video 4 for an example of D-pad malfunction).
Controller not charging.	Faulty cable, power source, or charging port.	Try a different USB Type-C cable and a different USB power source. Ensure the cable is securely connected.

Problem	Possible Cause	Solution
RGB lights are not working or stuck.	Incorrect lighting mode setting.	Refer to the "RGB Lighting Control" section to correctly cycle through modes or reset to constant light mode.

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Video 4: Demonstrates a D-pad malfunction where the 'up' input does not register consistently, highlighting a potential troubleshooting scenario.

SPECIFICATIONS

- **Model:** XB-023
- **Connectivity:** 2.4GHz Wireless, USB Type-C (Wired)
- **Battery:** 1000mAh Lithium (included)
- **Charging Time:** 2-3 hours
- **Play Time:** 10-14 hours
- **Audio Jack:** 3.5mm Stereo
- **Vibration:** Dual Vibration Motors
- **Programmable Keys:** ML/MR (1-16 combination functions)
- **Dimensions:** 3.94 x 3.15 x 1.97 inches
- **Item Weight:** 11.7 ounces
- **Manufacturer:** YUYIU

MAINTENANCE

- Keep the controller clean by wiping it with a soft, dry cloth.
- Avoid exposing the controller to extreme temperatures, humidity, or direct sunlight.
- Do not disassemble the controller, as this may void the warranty and cause damage.
- Store the controller in a safe place when not in use to prevent accidental damage.

WARRANTY AND SUPPORT

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