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8Bitdo Ultimate 2 Wireless

8Bitdo Ultimate 2 Wireless Gaming Controller User Manual

Model: Ultimate 2 Wireless (B0DRCWJSKZ)

Introduction

Thank you for choosing the 8Bitdo Ultimate 2 Wireless Gaming Controller. This manual provides detailed instructions on setting up, operating, and maintaining your controller to ensure an optimal gaming experience. Featuring TMR Joysticks, switchable Hall Effect/Tactile Triggers, 8Speed Wireless Tech, and a convenient charging dock, this controller is designed for precision and versatility across PC and Android platforms.



Image: The 8Bitdo Ultimate 2 Wireless Gaming Controller in white, shown with its charging dock.

Product Overview

The 8Bitdo Ultimate 2 Wireless Gaming Controller is engineered for high performance and user comfort. Key features include:

- **TMR Joysticks:** Offering higher sensitivity, greater precision, and enhanced durability, consuming less power.
- **Switchable Triggers:** Easily switch between linear Hall Effect triggers and non-linear tactile triggers for optimal control across different gaming scenarios.
- **Motion Control:** Enjoy enhanced motion-based actions with 6-axis motion control. Customizable in 8BitDo Ultimate Software.
- **8Speed Wireless Tech:** 8BitDo Exclusive Wireless Technology delivers an exceptionally stable 2.4G connection with ultra-low latency as low as 1ms. Engineered for rock-solid reliability, it features strong anti-interference and a 10m range with virtually no lag. Highly energy-efficient, it ensures seamless, uninterrupted, and long-lasting gameplay.
- **Precise & Low-Latency:** 1000Hz polling rate under both 2.4G and wired connections ensures precise, low-latency responsiveness.

- **Compatibility:** Compatible with Windows PC via 2.4G or Wired; with Android via Bluetooth.
- **Additional Features:** Extra Bumpers; Charging Dock; 2 Pro-level back buttons; USB-C adapter; RGB Fire Ring; 8BitDo Ultimate Software V2; Tactile bumpers and D-pad; Turbo function; Vibration.

Visual Features

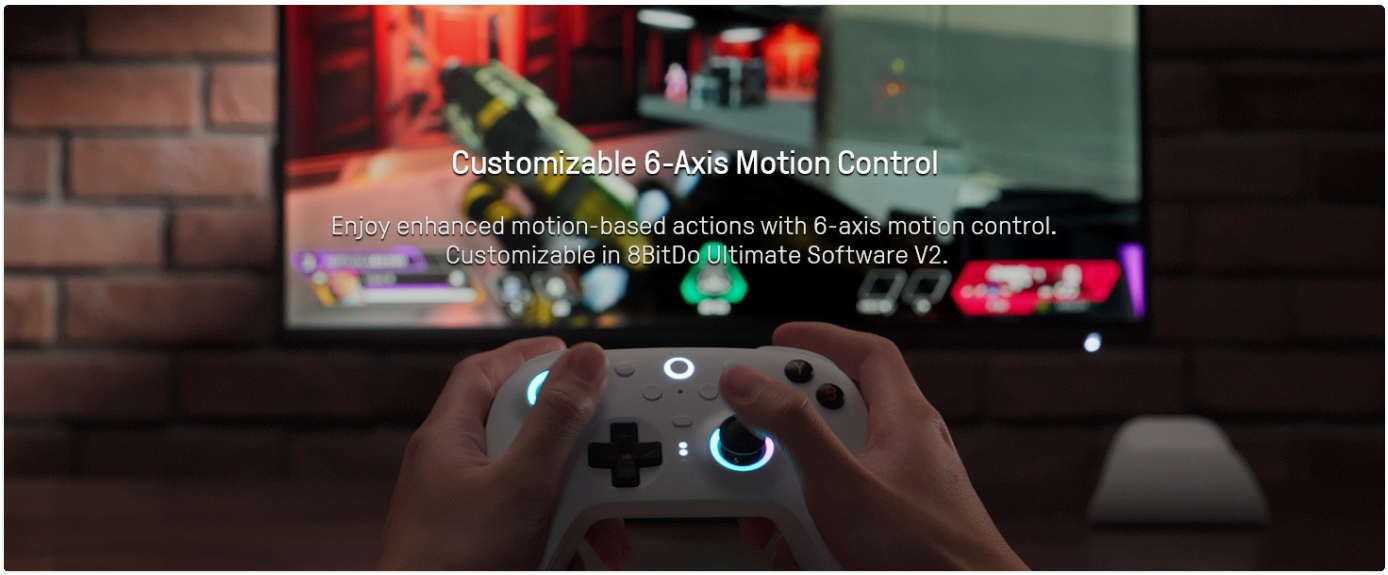


Image: A close-up view of the TMR Joysticks, highlighting their precise movement and illuminated base.

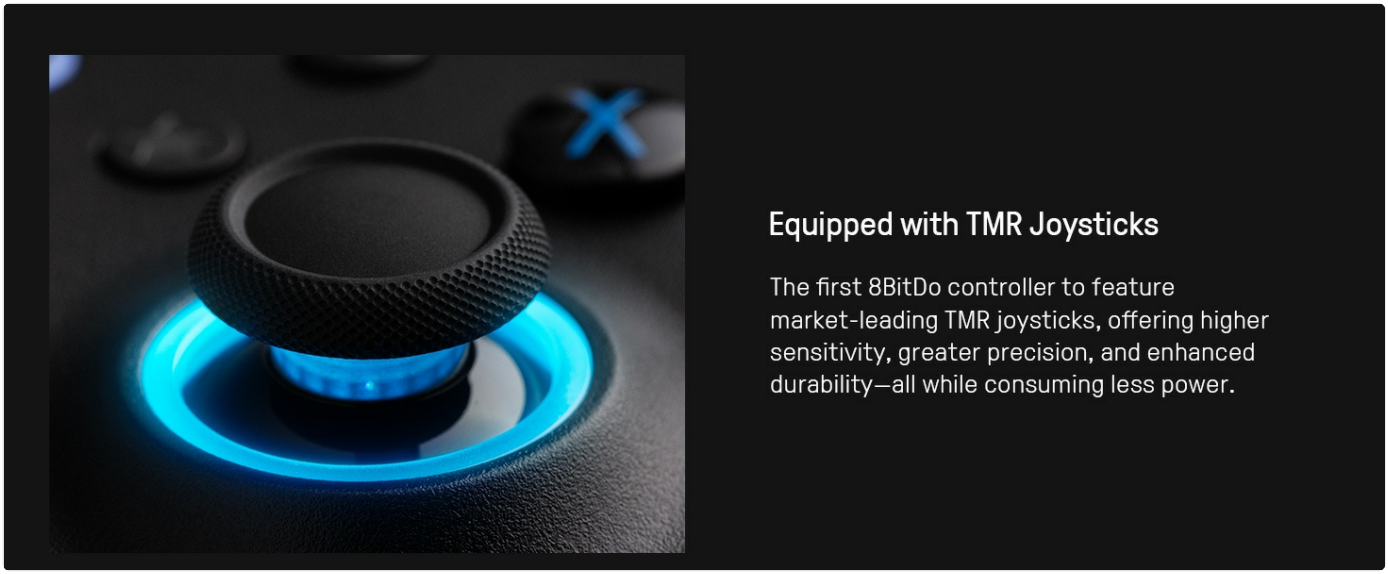


Image: The side of the controller showing the physical switch for Hall Effect Triggers, allowing users to toggle between linear and tactile responses.



Image: The controller's joysticks illuminated by the customizable RGB Fire Ring, showcasing different lighting modes.



Image: A close-up of the extra R4 and RT bumpers located on the underside of the controller, designed for additional programmable inputs.



Image: The compact USB-C adapter, used for establishing a stable 2.4G wireless connection with compatible devices.



Image: The controller resting securely on its dedicated charging dock, indicating its charging status.

Setup and Connection

Charging the Controller

Before first use, fully charge your controller using the included charging dock and USB-C cable. The controller can also be charged directly via a USB-C cable.



Image: A hand inserting the USB-C adapter into a slot on the charging dock, which can then be connected to a PC.

Connecting to PC (2.4G Wireless)

1. Insert the 2.4G USB-C adapter into an available USB port on your PC.
2. Ensure the mode switch on the back of the controller is set to 'X' (for XInput, compatible with PC).
3. Turn on the controller. It should automatically connect to the adapter. The controller will also automatically connect when removed from the charging dock if the dock is connected to your PC.

Your browser does not support the video tag.

Video: An official demonstration of the 8Bitdo Ultimate 2 Wireless Controller, showcasing its features and connectivity options, including the 2.4G wireless connection.

Connecting to Android (Bluetooth)

1. Ensure the mode switch on the back of the controller is set to 'D' (for DInput, compatible with Android).
2. On your Android device, go to Bluetooth settings and enable Bluetooth.
3. Press and hold the Pair button on the controller until the indicator light flashes rapidly.
4. Select "8Bitdo Ultimate 2" from the list of available devices on your Android device to pair.

Wired Connection

Connect the controller directly to your PC or Android device using a USB-C cable. The controller will automatically switch to wired mode.

Operating the Controller

8BitDo Ultimate Software V2

Customize your gaming experience with the 8BitDo Ultimate Software V2. This software allows you to:

- Map buttons and create macros.
- Adjust joystick and trigger sensitivity.
- Customize RGB Fire Ring lighting effects.
- Configure 6-axis motion control.
- Adjust vibration intensity.

Download the software from the official 8Bitdo website: support.8bitdo.com

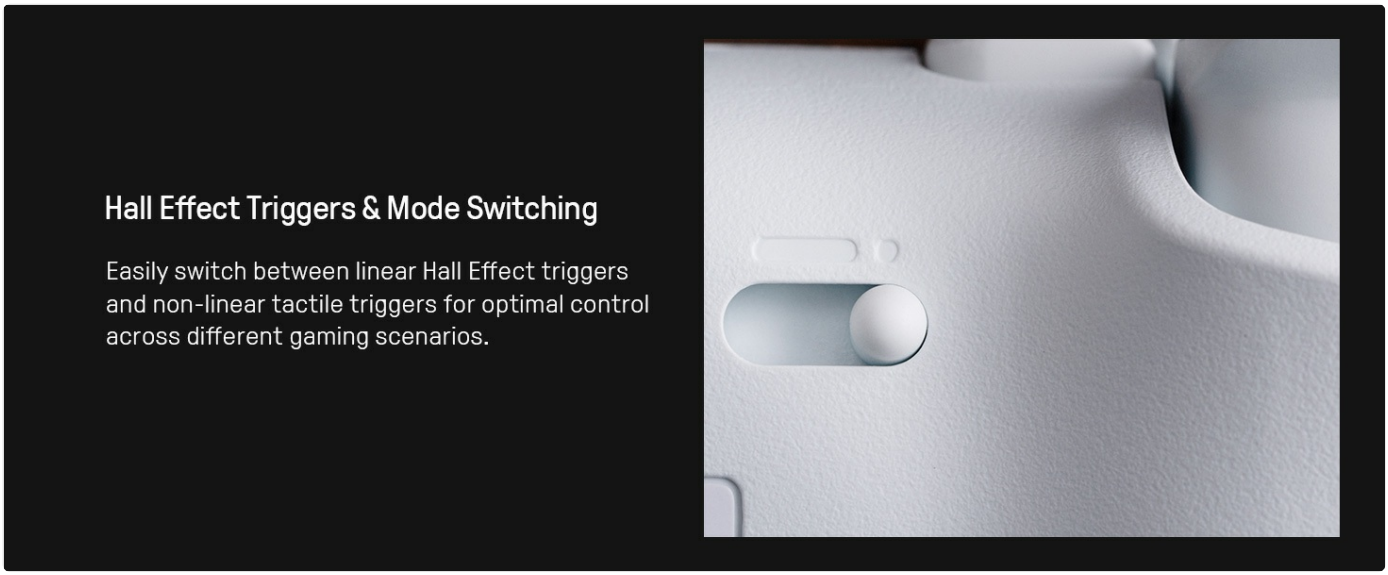


Image: A screenshot of the 8BitDo Ultimate Software V2 interface, showing options for button mapping, joystick sensitivity, and RGB lighting customization.

Trigger Mode Switch

The controller features a physical switch on the back to toggle between linear Hall Effect triggers and non-linear tactile triggers. Choose the mode that best suits your game or preference.

Pro-level Back Buttons

Utilize the two programmable back buttons (M1, M2) for quick access to frequently used commands or complex macros. Configure these through the 8BitDo Ultimate Software V2.

Maintenance

- Keep the controller and charging dock clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the controller to extreme temperatures, humidity, or direct sunlight.
- Store the controller on its charging dock when not in use to keep it charged and ready.

Troubleshooting

Controller Not Connecting

- Ensure the controller is charged.

- Verify the mode switch on the back of the controller is set correctly for your device (X for PC, D for Android).
- For 2.4G wireless, ensure the USB-C adapter is securely plugged into your PC. Try a different USB port.
- For Bluetooth, ensure Bluetooth is enabled on your Android device and the controller is in pairing mode.
- Try restarting your PC/Android device and the controller.

Input Lag or Disconnections

- Ensure there are no major obstructions between the controller and the 2.4G adapter or Bluetooth device.
- Minimize interference from other wireless devices.
- Ensure the controller firmware is up to date using the 8BitDo Ultimate Software V2.
- If issues persist, try a wired connection.

Specifications

Model Number	B0DRCWJSKZ
Connectivity	2.4G Wireless, Bluetooth, Wired (USB-C)
Compatibility	Windows PC, Android
Joysticks	TMR Joysticks
Triggers	Switchable Hall Effect / Tactile Triggers
Polling Rate	1000Hz (2.4G & Wired)
Motion Control	6-Axis Motion Control
Weight	1.43 pounds
Dimensions	6.5 x 5.43 x 3.31 inches

Warranty and Support

For warranty information, technical support, and frequently asked questions, please visit the official 8Bitdo support website or contact their customer service directly.
Official Support Website: support.8bitdo.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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