8Bitdo 6922621507055

8BitDo Ultimate 2 Wireless Controller Instruction Manual

Model: 6922621507055 | Brand: 8BitDo

INTRODUCTION

The 8BitDo Ultimate 2 Wireless Controller is a versatile gaming controller designed for Windows PC and Android devices. It features advanced TMR Joysticks for enhanced precision, switchable Hall Effect/Tactile Triggers, and 8Speed Wireless Technology for ultra-low latency. This manual provides detailed instructions for setting up, operating, and maintaining your controller to ensure an optimal gaming experience.

KEY FEATURES

- **TMR Joysticks:** Experience higher sensitivity, greater precision, and enhanced durability with market-leading TMR joysticks, designed for lower power consumption.

- **8Speed Wireless Technology:** Enjoy an exceptionally stable 2.4G connection with ultra-low latency (under 1ms), strong anti-interference, and a 10m range for seamless, uninterrupted gameplay.

- **Trigger Mode Switch:** Easily switch between linear Hall Effect triggers for smooth, progressive input and non-linear tactile triggers for a distinct click feedback, optimizing control across various gaming scenarios.

- **Customizable Controls:** Features a 1000Hz Polling Rate (for 2.4G and wired connections), customizable 6-Axis Motion Control, Turbo function, and Rumble vibration. All customizable via 8BitDo Ultimate Software V2.

- **Enhanced Ergonomics:** Includes 2 Pro back paddle buttons, extra R4/L4 bumpers, and tactile bumpers & D-pad for improved control and faster response.

- **Convenient Charging:** Comes with a multifunctional charging dock and a USB-C adapter for seamless connectivity and charging.

- **Broad Compatibility:** Compatible with Windows PC (2.4G and wired) and Android devices (Bluetooth).

PACKAGE CONTENTS

- 8BitDo Ultimate 2 Wireless Controller
- Charging Dock
- 2.4G USB-C Wireless Adapter
- USB-C Charging Cable

Image: The retail packaging for the 8BitDo Ultimate 2 Wireless Controller, showing the controller and its included accessories.

SETUP

1. Initial Setup & Firmware Update

Before first use, it is highly recommended to update the controller's firmware to ensure optimal performance and compatibility, especially with newer systems. This process typically requires connecting the controller to a Windows or Mac computer.

1. Visit the official 8BitDo support website (support.8bitdo.com).

2. Locate the support page for the "Ultimate 2 Wireless Controller". Ensure you select the correct model based on its layout.

3. Download the latest firmware update tool for your operating system (Windows or macOS).

4. Connect your 8BitDo Ultimate 2 Wireless Controller to your computer using the provided USB-C cable.

5. Run the downloaded firmware update tool and follow the on-screen instructions to complete the update. This process may take some time.

Video: Official 8BitDo video demonstrating the features and setup of the Ultimate 2 Wireless Controller, including the firmware update process.

2. Connecting to Windows PC

2.1. 2.4G Wireless Connection

1. Insert the 2.4G USB-C Wireless Adapter into an available USB-C port on your Windows PC. If your PC only has USB-A ports, you may need a USB-C to USB-A adapter (not included).

2. Ensure the mode switch on the back of the controller is set to '2.4G'.

3. Press the Home button on the controller to power it on. The controller should automatically connect to the adapter. The indicator lights on the controller will become solid when connected.

2.2. Wired Connection

1. Connect the controller to your Windows PC using the provided USB-C cable.

2. The controller will automatically switch to wired mode and be ready for use.

Image: A user holding the 8BitDo Ultimate 2 Wireless Controller, connected to a laptop via the 2.4G USB-C adapter,

3. Connecting to Android Devices

3.1. Bluetooth Connection

1. Ensure the mode switch on the back of the controller is set to 'Bluetooth'.

2. On your Android device, go to Bluetooth settings and turn Bluetooth on.

3. Press and hold the Pair button on the controller (usually a small button near the USB-C port or on the back) until the indicator lights start flashing rapidly.

4. On your Android device, select "8BitDo Ultimate 2 Wireless Controller" from the list of available devices to pair.

5. The indicator lights on the controller will become solid when successfully paired.

Image: Two users playing a game on a tablet using both the white and black versions of the 8BitDo Ultimate 2 Wireless Controller, highlighting its Android compatibility.

4. Charging the Controller

The 8BitDo Ultimate 2 Wireless Controller comes with a dedicated charging dock for convenient power replenishment.

1. Connect the charging dock to a power source using the USB-C cable.

2. Place the controller onto the charging dock, aligning the charging pins. The controller will automatically begin charging.

3. The indicator lights on the controller or dock will show the charging status.

Image: The 8BitDo Ultimate 2 Wireless Controller resting on its charging dock, ready for use or charging.

OPERATING INSTRUCTIONS

1. TMR Joysticks

The TMR Joysticks offer superior sensitivity and precision. They are designed to provide accurate input for all your gaming needs. Their enhanced durability also means less wear and tear over time.

Image: A detailed view of the controller's TMR joystick, illuminated by its customizable RGB fire ring.

2. Trigger Mode Switch

Located on the back of the controller, this switch allows you to toggle between two trigger modes:

- **Hall Effect Triggers:** Provide linear, smooth input, ideal for racing games where precise acceleration/braking is crucial.
- **Tactile Triggers:** Offer a distinct, clicky feedback, suitable for shooting games where quick, responsive actions are preferred.

Image: A close-up of the physical switch on the controller's underside, used to change between Hall Effect and Tactile trigger modes.

3. RGB Fire Ring

The joysticks feature an RGB Fire Ring that can be customized for various lighting effects and colors. Use the 8BitDo Ultimate Software V2 to personalize the lighting to your preference.

4. 6-Axis Motion Control

The controller supports 6-Axis Motion Control, allowing for enhanced motion-based actions in compatible games. This feature can also be customized through the 8BitDo Ultimate Software V2.

5. Back Paddle Buttons (P1, P2) and Bumpers (R4, L4)

The controller includes two programmable back paddle buttons (P1, P2) and additional R4/L4 bumpers. These can be mapped to various functions using the 8BitDo Ultimate Software V2 to provide quick access to commands and enhance your gameplay.

6. 8BitDo Ultimate Software V2

This software allows for extensive customization of your controller, including:

- Button remapping
- Adjusting joystick sensitivity and dead zones
- Customizing trigger actuation points
- Setting up macros
- Adjusting rumble vibration intensity
- Personalizing RGB lighting effects

Download the software from the official 8BitDo support website.

Maintenance

1. Battery Care

The controller features an internal rechargeable battery. Always charge the controller using the provided charging dock or USB-C cable. Avoid exposing the battery to extreme temperatures or physical damage.

2. Cleaning

To clean your controller, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals, abrasive cleaners, or allow liquids to enter the controller's openings.

Troubleshooting

- **Controller not connecting:** Ensure the mode switch on the back is set correctly (2.4G for adapter, Bluetooth for Android). Verify the USB-C adapter is securely plugged in. For Bluetooth, ensure your device's Bluetooth is on and the controller is in pairing mode.

- **Controller not recognized by PC/Android:** Perform a firmware update as described in the Setup section. This is a common solution for initial compatibility issues.

- **Input lag or disconnections:** Ensure the controller is within the 10m range of the 2.4G adapter or Bluetooth device. Minimize interference from other wireless devices.

- **Buttons/Joysticks not responding:** Try resetting the controller (refer to the 8BitDo support website for specific reset procedures if needed). Ensure the controller is fully charged.

- **Software issues:** Ensure you have downloaded the correct version of 8BitDo Ultimate Software V2 for your controller model and operating system from the official website.

Specifications

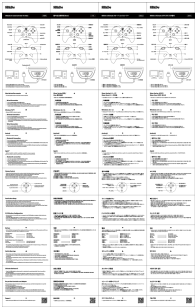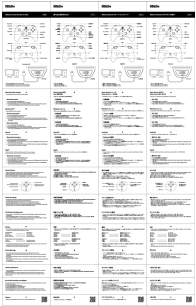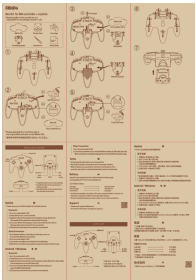| Feature	Detail
Model Number	6922621507055
Compatibility	Windows, Android
Connectivity	2.4G Wireless (with USB-C adapter), Bluetooth, Wired (USB-C)
Joysticks	TMR Joysticks
Triggers	Switchable Hall Effect / Tactile Triggers
Polling Rate	1000Hz (2.4G & Wired)
Motion Control	6-Axis Motion Control

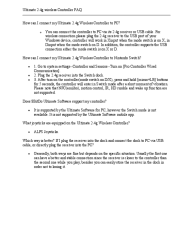| Weight	1.41 pounds (approx. 640g)
Dimensions	6.46 x 5.47 x 3.31 inches (Package)
Manufacturer	8BitDo

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official 8BitDo support website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Visit the 8BitDo Store on Amazon

Related Documents - 6922621507055

[8BitDo Ultimate 3-Mode Controller for Xbox - User Manual](#)
Comprehensive guide to the 8BitDo Ultimate 3-Mode Controller for Xbox, detailing its Bluetooth, 2.4g, and wired connectivity, compatibility with Xbox, PC, and Android, customization options, and setup instructions.

[8BitDo Ultimate 3-mode Controller for Xbox - User Manual](#)
Comprehensive user manual for the 8BitDo Ultimate 3-mode Controller for Xbox, covering features, connectivity options (Bluetooth, 2.4GHz, Wired USB), button layout, indicator lights, and troubleshooting.

[8BitDo N64 Controller Mod Kit with Hall Effect Joystick - Installation & Usage Guide](#)
Detailed instructions for installing and using the 8BitDo Mod kit for Nintendo 64 controllers, featuring a Hall effect joystick. Connects wirelessly via Bluetooth to Switch and Android/Windows devices.

[8BitDo Ultimate 2.4g Wireless Controller FAQ](#)

Frequently asked questions (FAQ) for the 8BitDo Ultimate 2.4g Wireless Controller, covering connection methods for PC and Nintendo Switch, software compatibility, and joystick specifications.

[8BitDo Ultimate Mobile Gaming Controller for Xbox - User Guide](#)

Comprehensive guide to setting up and using the 8BitDo Ultimate Mobile Gaming Controller for Xbox on Android, iOS, Windows, and macOS. Learn connection methods, controller modes, button functions, and safety information.

[8BitDo Pro 2 Bluetooth Gamepad User Manual](#)

User manual for the 8BitDo Pro 2 Bluetooth gamepad, covering features, connectivity, specifications, and troubleshooting.