

8Bitdo Ultimate 2C

8BitDo Ultimate 2C Bluetooth Controller Instruction Manual

Model: Ultimate 2C

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1. OVERVIEW

The 8BitDo Ultimate 2C Bluetooth Controller is designed for an enhanced gaming experience on Nintendo Switch and Switch 2 consoles. It features advanced technology for precise control and comfortable gameplay.

Key Features:

- **Compatibility:** Works with Switch and Switch 2 (requires latest firmware for Switch 2).
- **Hall Effect Joysticks:** Equipped with wear-resistant metal rings for high precision and sensitivity, minimizing stick drift.
- **Refined Design:** Improved bumpers and D-pad for a responsive and smooth feel.
- **Extra R4/L4 Bumpers:** Customizable buttons for personalized configuration without software.
- **Motion Control & Rumble:** Features 6-axis motion control and rumble vibration for immersive feedback.
- **Turbo Function:** Allows for rapid button presses.
- **Wake-on-shake:** Convenient feature (not supported on Switch 2).

2. PACKAGE CONTENTS

Your 8BitDo Ultimate 2C Bluetooth Controller package includes:

- 8BitDo Ultimate 2C Bluetooth Controller
- USB-C Charging Cable
- Instruction Manual

3. COMPATIBILITY

The 8BitDo Ultimate 2C Bluetooth Controller is compatible with:

- Nintendo Switch (3.0.0 and above)
- Nintendo Switch 2 (2.0.1.1 and above - requires controller firmware update)

It also supports wired USB connection for broader compatibility.

4. CONTROLLER LAYOUT

Familiarize yourself with the buttons and features of your 8BitDo Ultimate 2C controller:



Front view of the 8BitDo Ultimate 2C Bluetooth Controller in pink, showing the joysticks, D-pad, ABXY buttons, and central function buttons.



Back view of the 8BitDo Ultimate 2C Bluetooth Controller in pink, highlighting the L4/R4 extra bumpers and the USB-C port.

- **Hall Effect Joysticks:** Located on the left and right, offering precise analog input.
- **D-Pad:** Cross-shaped directional pad for digital input.
- **ABXY Buttons:** Standard action buttons.
- **Shoulder Buttons (L1/R1) & Triggers (L2/R2):** Located on the top edge of the controller.
- **Extra Bumpers (L4/R4):** Located on the underside of the controller, these can be custom-mapped.
- **Function Buttons:** Including Start (+), Select (-), Home, Screenshot, and a Star button for custom mapping.
- **USB-C Port:** For charging and wired connection.

5. SETUP

5.1 Charging the Controller

Connect the provided USB-C charging cable to the controller's USB-C port and the other end to a USB power source (e.g., console, PC, USB wall adapter). The LED indicator will show charging status.

5.2 Pairing with Nintendo Switch/Switch 2 (Bluetooth)

1. Ensure your Nintendo Switch/Switch 2 is powered on and updated to the latest system software.
2. On your Switch, go to **System Settings > Controllers and Sensors > Change Grip/Order**
3. Press and hold the **Home button** on your 8BitDo controller for 3 seconds until the LED indicators start blinking.
4. The controller should appear on your Switch screen. Select it to complete the pairing process.
5. For Switch 2 compatibility, ensure your controller has the latest firmware installed (see Firmware Updates section).

5.3 Wired Connection

To use the controller in wired mode, connect the USB-C cable from the controller directly to your Nintendo Switch dock or PC. The controller will automatically switch to wired mode.

Your browser does not support the video tag.

Video demonstrating the initial setup and firmware update process for the 8BitDo Ultimate 2C Controller, emphasizing the importance of updating for Switch 2 compatibility.

6. OPERATING INSTRUCTIONS

6.1 Basic Controls

The controller functions like a standard gamepad. Use the joysticks for analog movement, the D-pad for directional input, and the ABXY buttons for in-game actions.

6.2 Custom Button Mapping (R4/L4 Bumpers)

The extra R4 and L4 bumpers on the underside of the controller can be customized without needing additional software. Refer to the included Quick Start Guide for specific instructions on single and multiple button mapping.



Image showing the extra R4 and L4 bumpers on the underside of the controller, designed for personalized configuration.

6.3 Turbo Function

Activate the Turbo function for rapid, continuous input of a button. Consult the full instruction manual for details on how to enable and disable Turbo for specific buttons.

6.4 Motion Control & Rumble

The controller supports 6-axis motion control and rumble vibration, enhancing immersion in compatible games.

7. FIRMWARE UPDATES

To ensure optimal performance and compatibility, especially with new console versions like Switch 2, regularly check for and install firmware updates.

1. Visit the official 8BitDo support website.
2. Download the latest firmware update software for your operating system (Windows/macOS).
3. Connect your 8BitDo Ultimate 2C controller to your computer using the USB-C cable.
4. Follow the on-screen instructions in the update software to install the latest firmware.

Your browser does not support the video tag.

Video demonstrating the firmware update process for the 8BitDo Ultimate 2C Controller, crucial for ensuring full compatibility and performance.

8. MAINTENANCE

To keep your 8BitDo Ultimate 2C Controller in optimal condition:

- **Cleaning:** Use a soft, dry cloth to wipe the controller. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Drops:** Protect the controller from drops or impacts that could damage internal components.

9. TROUBLESHOOTING

9.1 Connectivity Issues

- Ensure the controller is fully charged.
- Verify Bluetooth is enabled on your Switch/Switch 2.
- Try re-pairing the controller by following the setup instructions.
- Ensure the controller's firmware is up to date.

9.2 Button or Joystick Malfunction

- Perform a factory reset on the controller (refer to the full manual for instructions).
- Update the controller's firmware.
- The Hall Effect joysticks are designed to prevent stick drift, but if issues persist, contact support.

10. SPECIFICATIONS

Compatible Devices	Nintendo Switch
Controller Type	Gamepad
Connectivity Technology	Bluetooth

Additional Features	Wireless
Button Quantity	12
Hardware Platform	Gaming Console
Power Source	Battery Powered
Compatible Video Game Console Models	Nintendo Switch 2
Item Weight	0.34 Kilograms
Item Dimensions	1.57 x 4.72 x 5.91 inches
Brand Name	8Bitdo
Model Number	6922621506362

11. WARRANTY

The 8BitDo Ultimate 2C Bluetooth Controller comes with a **1 Year Warranty**. Please retain your proof of purchase for warranty claims.

12. SUPPORT

For further assistance, technical support, or to access the latest firmware updates and FAQs, please visit the official 8BitDo support website:

www.8bitdo.com/support