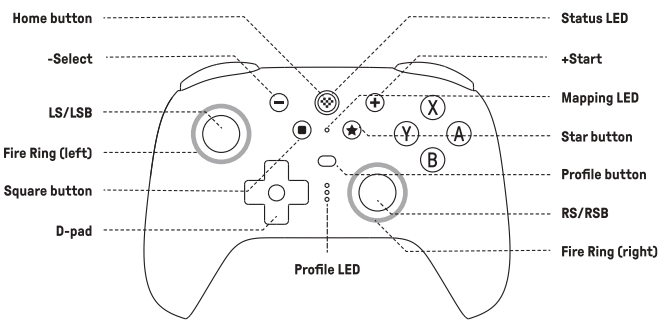
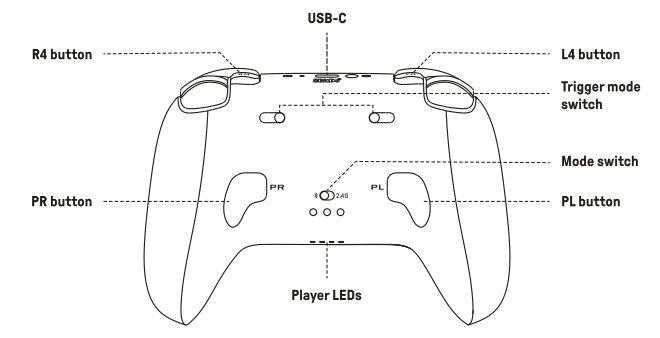
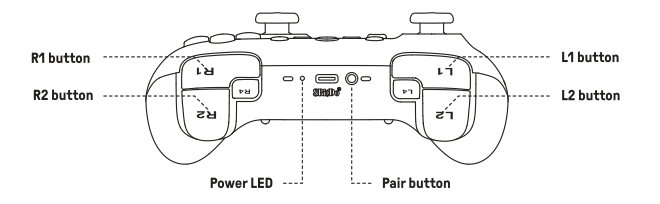
8BitDo

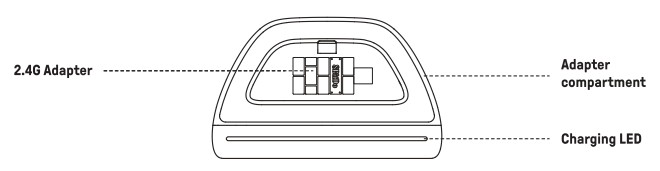
# Ultimate 2 Bluetooth Controller

English




- Press the **Home button** to turn on the controller.
- Hold the **Home button** for 3 seconds to turn off the controller.
- Hold the **Home button** for 8 seconds to forced shutdown the controller.

## Switch

- System requirement: 3.0.0 or above.
- NFC scanning, IR camera, HD rumble, and notification LED are not supported.

### Bluetooth Connection

1. Turn the **Mode switch** to BT position.
2. Press the **Home button** to turn on the controller.
3. Hold the **Pair button** for 3 seconds to enter its pairing mode, the **Status LED** will blink rapidly. (This is required for the very first time only)
4. Go to your Switch Home Page to click on "Controllers", then click on "Change Grip/Order", the **Status LED** will remain solid to indicate a successful connection.

### Wireless Connection

- Please ensure the "**Pro Controller Wired Communication**" is enabled in the system setting.

1. Turn the **Mode switch** to 2.4G position.
2. Connect the 2.4G adapter to your Switch device's USB port.
3. Press the **Home button** to turn on the controller.
4. Wait till the controller is successfully recognized by the device.

### Wired Connection

- Please ensure the "**Pro Controller Wired Communication**" is enabled in the system setting.

Connect the controller to your Switch device via a USB cable and wait till the controller is successfully recognized by the device.

## Windows

- System requirement: Windows 10 (1903) or above.

### Wireless Connection

1. Turn the **Mode switch** to 2.4G position.
2. Connect the 2.4G adapter to the USB port of your Windows device.
3. Press the **Home button** to turn on the controller.
4. Wait till the controller is successfully recognized by the device.

### Wired Connection

1. Turn the **Mode switch** to 2.4G position.
2. Connect the controller to your Windows device via a USB cable and wait till the controller is successfully recognized by the device.

## Turbo Function

- **D-pad, Home button, LS/RS, L4/R4 buttons, and PL/PR buttons** are not supported for turbo.
- The turbo settings will not be saved permanently and will revert to default settings after the controller is powered off or disconnected.
- The **Mapping LED** will blink continuously when the configured button is pressed.

**Turn on Turbo Mode**

e.g.: (Y) hold + (★) press → LED blinks

**Turn off Turbo Mode**

e.g.: (Y) hold + (★) press → LED turns off

**Turn on Auto Turbo Mode**

e.g.: (Y) hold + (★) press twice → LED blinks

**Turn off Auto Turbo Mode**

e.g.: (Y) hold + (★) press → LED turns off

## L4/R4/PL/PR Buttons Configuration

- Single or multiple buttons on the controller can be mapped to the **L4/R4/PL/PR buttons**.
- **LS/RS** are not supported.
- The **Mapping LED** will blink continuously when the configured button is pressed.

e.g.: L4 / R4 / PR / PL + (Y) + (★)
hold

e.g.: L4 / R4 / PR / PL + (★) = null
hold

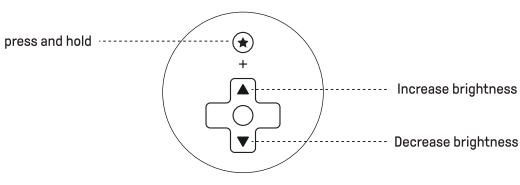
## Light Effects

- Press the **Star button** to cycle through the light effects:
  **Light-tracing Mode > Fire Ring Mode > Rainbow Ring Mode > Off**.

### Brightness Control

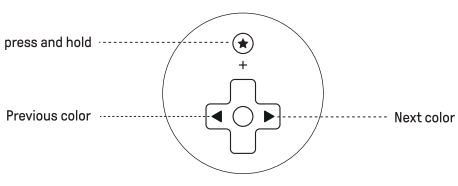
- Applicable only in **Light-tracing mode and Rainbow Ring mode**.

Press and hold the **Star button+ D-pad up/down** to adjust the brightness.




### Color Options

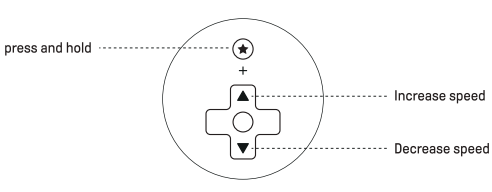
Press and hold the **Star button+ D-pad left/right** to change the lighting color.




### Speed Control

- Applicable only in Fire Ring mode.

Press and hold the **Star button+ D-pad up/down** to adjust the Fire Ring speed.




## Battery

Built-in 1000mAh battery pack, 12 hours of usage time via Bluetooth connection and 2.4G wireless connection, rechargeable with 3 hours charging time.

| Status | | Power LED |
|---|---|---|
| Low battery | → | Power LED blinks |
| Battery charging | → | Power LED stays solid |
| Fully charged | → | Power LED turns off |

- The controller will automatically shut down if it fails to connect within 1 minute of startup, or if there are no operations within 15 minutes after establishing a connection.
- The controller will not shut down during wired connection.

## Joystick/Trigger Calibration

Please follow the steps below:

- Controller in the powered-on state, press and hold the **"L1+R1+Minus+Plus"** buttons for 8 seconds to enter the calibration mode, the **Status LED** will start to blink.
- Push the joysticks to the edge and rotate them slowly 2–3 times.
- Slowly press the triggers to the bottom 2–3 times.
- Press the same **"L1+R1+Minus+Plus"** buttons combination again to complete the calibration.

## Safety Warnings

- Please always use batteries, chargers, and accessories provided by the manufacturer.
- The manufacturer is not liable for any safety issues arising from the use of non-manufacturer-approved accessories.
- Do not attempt to disassemble, modify, or repair the device yourself. Unauthorized actions may result in serious injury.
- Avoid crushing, disassembling, puncturing, or attempting to modify the device or its battery, as these actions can be dangerous.
- Any unauthorized changes or modifications to the device will void the manufacturer's warranty.
- This product contains small parts that may cause choking. Not suitable for children under three years old.
- This product features flashing lights. Individuals with epilepsy or photosensitivity should disable the lighting effects before use.
- Cables may cause tripping or entanglement hazards. Keep them away from walkways, children, and pets.
- Stop using this product immediately and seek medical attention if you experience dizziness, visual disturbances, or muscle spasms.

## Ultimate Software

Please visit app.8bitdo.com to download the **Ultimate Software V2** to get the customize button mapping function and additional support.

## Support

- Please visit support.8bitdo.com for further information & additional support.