

PB TAILS

用户指南
ユーザーガイド
User Guide

使用本产品前，请仔细阅读本说明书，并妥善保存，以供日后参考。

本製品をご使用になる前に、必ずこの取扱説明書をお読みいただき、大切に保管してください。後で参考にするためです。

Before using this product, please read this manual carefully and keep it for future reference.

Precautions Before Use

1. Product List

- Controller *1
- USB-C Data Cable *1
- 2.4G Receiver *1 (Not included in the standard series)
- Controller Storage Bag *1 (Not included in the standard series)
- Other Accessories (Custom model)

2. Usage Precautions

- Do not use the product with excessive force to avoid hand fatigue and accelerate button wear.
- If you experience pain in your wrist or fingers during use, adjust your posture or pressure, or stop using it immediately.
- If the palm rest or any part of the product that directly contacts your skin causes discomfort, stop using it immediately.
- Prolonged use of the product may cause rashes or other allergic reactions.

3. Safety Precautions

To avoid damage, please refrain from the following actions:

- Do not spray flammable insecticides or other sprays near the controller.
 - Do not submerge the product in water or other liquids.
 - Do not plug or unplug the USB-C data cable with wet hands.
 - Do not use the product in damp or high-temperature environments, such as bathrooms.
 - While charging, do not place other items on the controller or cover the product with cloth.
 - Do not place the product near heat sources, such as air vents or computer cases.
 - If this is your first time using the product or if it has not been used for a long time, please fully charge it before use.
- For more details, please visit the PB TAILS official website for the latest information.

4. Product Features

- Plug to play
- Perfectly compatible with the Switch console, supporting motion control and wake-up function
- RGB customizable lighting system
- MagCase supports easy replacement with various material and color versions
- Compatible with Windows 7/8/10/11 and Steam platform (X-input mode)
- One-button switch between X mode and S mode
- Compatible with smartphones, tablets, smart TVs, set-top boxes, and more running native Android systems
- Compatible with open-source systems like Raspberry Pi, Batocera, etc.
- Asymmetric motors provide high-precision vibration experience



Nintendo Switch



Windows



Raspberry Pi



iOS MacOS



Android



Steam

5. Maintenance

- Wipe the controller with a soft, dry, or slightly damp cloth.
- Do not use solvents, including gasoline, thinners, alcohol, kitchen cleaners, or chemical wet wipes.
- Never use a cloth that is too wet to wipe the controller to avoid liquid entering the interior and causing malfunctions.

Specifications

Battery	860mAh	Temperature Range	0°C - 40°C (32°F - 104°F)
Dimensions	156*103*66.3 mm	Humidity Range	35%RH - 80%RH
Weight	Standard Series: 250g Gem Series: 250g Metal Series: 348g	Charging Time	2 hours

Connection Methods (Wired/Bluetooth/2.4G Three Modes)

1. Wired connection to devices, plug to play

1. When the “Ⓜ Mode Switch” is in S mode, it will be recognized as Pro Controller when connected to a PC.
2. When the “Ⓜ Mode Switch” is in X mode, it will be recognized as XBOX Controller when connected to a PC.

2. Wireless connection to the Switch console

1. On the Switch consoles HOME screen, select “Controllers” -> “Change Grip/Order” to enter the controller pairing screen.
2. Switch the “Ⓜ Mode Switch” on the controller to S mode, and long-press the pairing button for 3 seconds to enter pairing mode. The tail light will flash red quickly when in pairing mode. Once paired correctly, the controller will vibrate slightly, and the tail light will stay on.

3. Bluetooth connection to PC (Windows 10 example)

1. Open “Start Menu” -> “Settings” -> “Devices” and ensure Bluetooth is turned on.
2. Switch the “Ⓜ Mode Switch” on the controller to X mode, and long-press the pairing button for 3 seconds to enter pairing mode. The tail light will flash green quickly.
3. On your PC, click “Add Bluetooth or other devices” -> “Bluetooth”, and select “XBOX Wireless Controller” to connect. Once paired correctly, the controller will vibrate and the tail light will stay on.

Or

2. Switch the “Ⓜ Mode Switch” on the controller to S mode, and long-press the pairing button for 3 seconds to enter pairing mode. The tail light will flash green quickly.
3. On your PC, click “Add Bluetooth or other devices” -> “Bluetooth”, and select “Pro Controller” to connect. Once paired correctly, the controller will vibrate and the tail light will stay on.

4. Bluetooth connection to iOS (version 13.0 above)/Android (version 9.0 above)

1. Open “Settings” -> “Bluetooth” on your mobile device.
2. Switch the “Ⓜ Mode Switch” on the controller to X mode, and long-press the pairing button for 3 seconds to enter pairing mode. The tail light will flash green quickly.
3. On your mobile device, select “XBOX Wireless Controller” to connect. Once paired correctly, the controller will vibrate and the tail light will stay on.

Or

2. Switch the “Ⓜ Mode Switch” on the controller to S mode, and long-press the pairing button for 3 seconds to enter pairing mode. The tail light will flash green quickly.
3. On your mobile device, select “Pro Controller” to connect. Once paired correctly, the controller will vibrate and the tail light will stay on.

5. 2.4G mode connection to devices (Insert the 2.4G receiver)

1. Ensure the controller is powered off (click the pairing button to turn off, and the small circle indicator light to the left of the charging port will turn off).
2. Switch the “Ⓜ Mode Switch” on the controller to S mode.
3. Insert the receiver into the USB port of the computer, and hold the button on the back of the receiver for 3 seconds until the indicator light starts flashing quickly.
4. Long-press the pairing button on the controller for 3 seconds, and the controller will automatically complete the connection.
5. Once connected, the controller will default to XBOX Wireless Controller. Simultaneously press the “Ⓟ + button” and “Ⓞ - button” for 3 seconds to switch the controller mode. This action will cycle through three controller modes: XBOX Wireless Controller -> Pro Controller -> Gamepad.

Note:

The controller supports three shutdown methods

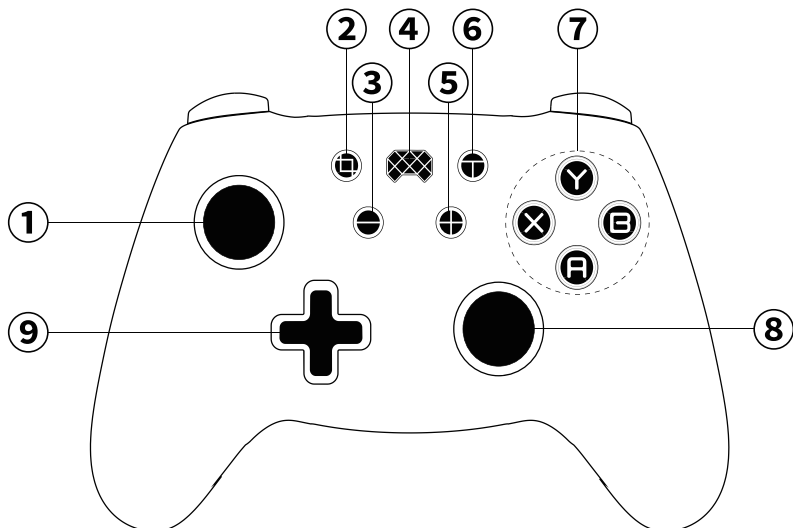
1. Manual Shutdown 1: Click the pairing button to shut down immediately.
2. Manual Shutdown 2: Long-press the “Ⓞ HOME button” for 3 seconds to shut down.
3. Auto Shutdown: If the controller is inactive for 1 minute, it will automatically power off.

Power On Method

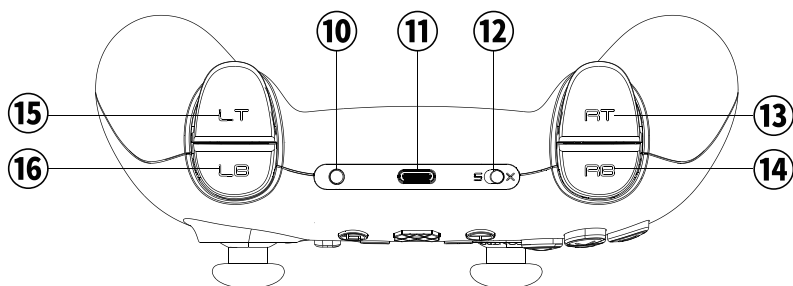
Press and hold the “Ⓞ HOME button” to power on, and the controller will automatically reconnect to the device.

Instructions for Use

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1. Button Layout

- ① Left joystick ② Screenshot button ③ - button ④ HOME button ⑤ + button
⑥ T button ⑦ Action button ⑧ Right joystick ⑨ D-Pad ⑩ Pairing button
⑪ USB-C port ⑫ Mode switch ⑬ RT/ZR button ⑭ RB/R button ⑮ LT/ZL button
⑯ LB/L button

Note:

② The screenshot button is only available in Switch console mode;

⑩ The pairing button also functions as the power on/off button.

L3 Button — Press the ① Left joystick vertically;

R3 Button — Press the ⑧ Right joystick vertically.

2. RGB Lighting System

1. Change RGB strip color — Hold the “⑥ T button” and rotate the “① Left joystick” to freely select a color. Once you’ve chosen a color, release the “⑥ T button” to lock the tail light color.

2. Change the “④ HOME button” / “⑦ Action button” lighting color — Hold the “⑥ T button” and rotate the “⑧ Right joystick” to freely select a color. Once you’ve chosen a color, release the “⑥ T button” to lock the panel color.

3. Default color combinations — Hold the “⑥ T button” and press any direction of the “⑨ D-Pad” to reset to one of four default colors. Each direction on the “⑨ D-Pad” corresponds to a different default color combination.

4. Adjust lighting brightness — Hold the “⑥ T button” and press the “⑤ + button” or “③ - button” to increase or decrease the brightness. Brightness is adjustable from 0% to 100%, with 4 levels to choose from. Proper adjustments will be accompanied by a slight vibration feedback.

5. Six lighting modes — Hold the “⑥ T button” and press the “② Screenshot button” to cycle through the six **PB TAILS** self-developed lighting modes.

3. MagCase (Magnetic Cover) Instructions

Compatibility — MagCase for **PB TAILS** Standard, Gem, and Metal Series are compatible with each other.

Customization — MagCase, combined with the RGB lighting system, allows you to freely switch colors to meet your personalization needs.

Replacing MagCase — Place your thumbs on the joysticks and use your middle fingers to grip the cover’s gap on both sides of the controller, then smoothly push upward to remove the MagCase.

4. Special Functions

Hold the “⑥ T button” and press A/B/X/Y/L1/R1/L2/R2 to set the corresponding button to high-frequency rapid fire mode.

Repeating the action once will cancel the high-frequency rapid fire mode.

Hold the “⑥ T button” and press “L3” to clear the rapid fire mode on all buttons.

Battery Information

The controller's battery life is 10-16 hours. When the battery drops below 3.4V, a low battery indicator will appear, and the "④ HOME button" will blink slowly. At this point, the controller can still be used for approximately 30 minutes, until the battery drops below 3.3V, at which point the controller will automatically turn off.

Charging Information

Please be sure to use the included data cable to charge the controller (avoid using fast-charging cables to prevent damage to the controller). Connect the controller to a USB port or an adapter with a rating of 5V/3A or lower for charging. When the controller is fully charged, the tail light at the bottom of the controller will remain pink for 1 minute before turning off. During charging, the tail light will display a rainbow light effect.

Turning the Center Dead Zone Mode On/Off

Press and hold the "⑥ T button", "⑤ + button", and "③ - button" simultaneously for 2 seconds. When the "④ HOME button" flashes red 4 times, it indicates that the center dead zone mode has been successfully turned off.

To restore the center dead zone settings, press the three buttons again simultaneously. When the "④ HOME button" flashes blue quickly 4 times, it indicates that the original settings have been restored.

Calibrating the Joystick and Gyroscope

Ensure that the controller is in a horizontal position and powered off.

Press and hold the "④ HOME button" and "⑥ T button" for 1 second to enter calibration mode, during which the white light will flash quickly.

Simultaneously rotate the "① Left joystick" and "⑧ Right joystick" clockwise for 5 to 8 full rotations, then click the "④ HOME button" to exit calibration mode, completing the calibration.

Joystick Circular/Square Mode

The default factory setting for controllers with version 2.11 and above is Circular Mode. When the controller is powered on and connected to a device, long-press the "② Screenshot button" and "① Left joystick" / "⑧ Right joystick" to cycle between the "Circular" & "Square" modes for both the "① Left Joystick" & "⑧ Right Joystick". The controller will save the current setting after powering off.

Note:

When switching to Square Mode, the "④ HOME button" will flash green, indicating a successful switch.

When switching to Circular Mode, the "④ HOME button" will flash red, indicating a successful switch.

Magnetic Warning and Precautions

This product contains magnets. Please avoid placing it near pacemakers, implanted cardioverter defibrillators, prosthetic joints, magnetic cards, hard disk drives, televisions, computers, and other magnet-sensitive devices to prevent potential magnetic field interference. Strong magnetic fields may cause malfunction of electronic or medical devices or data loss. If you have metal implants or wear medical devices, please consult your doctor or the device manufacturer before use.

Name and Content of Hazardous Substances in the Product

Part name	Hazardous Substances					
	Pb	Hg	Cd	CrVI	PBB	PBDE
Shell Structure	○	○	○	○	○	○
PCBA	○	○	○	○	○	○
Lithium-ion battery	○	○	○	○	○	○
Charging cable	○	○	○	○	○	○

This table is prepared in accordance with the provisions of SJ/T 11364. “○” indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit specified in the GB/T 26572 standard.

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