Manuals+ — User Manuals Simplified.

Shenzhen Hailu Technology SW022 Wireless Controller User Guide

Welcome Guide
Wireless controller

SW022

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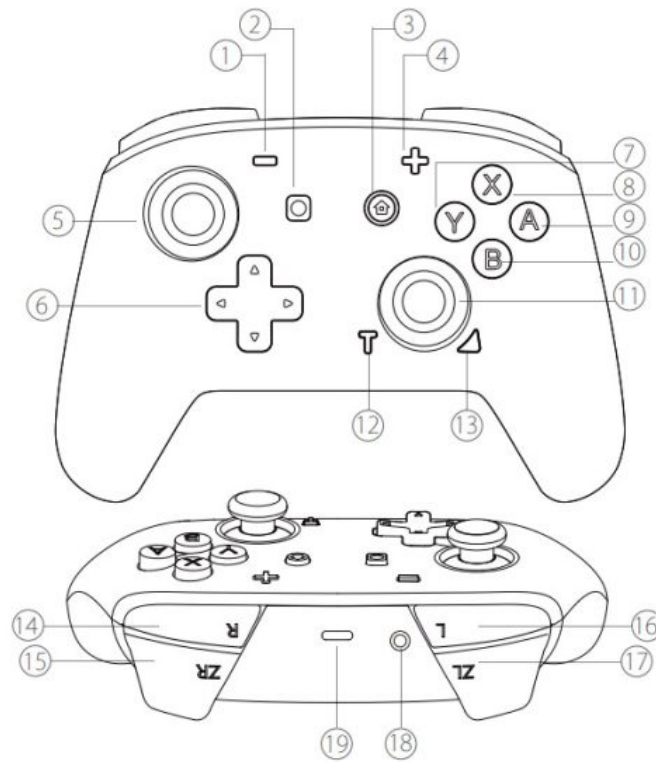
1.- button	2. Screenshot button
3. Home button	4. +button
5. Left stick	6. Directional pad
7. Y button	8. X button
9. A button	10. B button
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15. ZR button	16. L button
17. ZL button	18. Pairing button
19. Type-C charging interface	

Specifications

1. Size: 6.06*4.37*2.32in.
2. Weight: 6.526±0.35oz.
3. Material: new ABS environmentally friendly material.
4. Connection method: Bluetooth.
5. Vibration: dual motor, powerful vibration mode.
6. Built-in six-axis gyroscope and acceleration function for a better game experience.
7. Support continuous burst and burst clearance function.

Driver Package ⚠

We support downloading the driver package through a USB connection to the computer to fix some problems that may be encountered in use. If the driver package does not work, please contact us by email: (**support@binbok.com**).
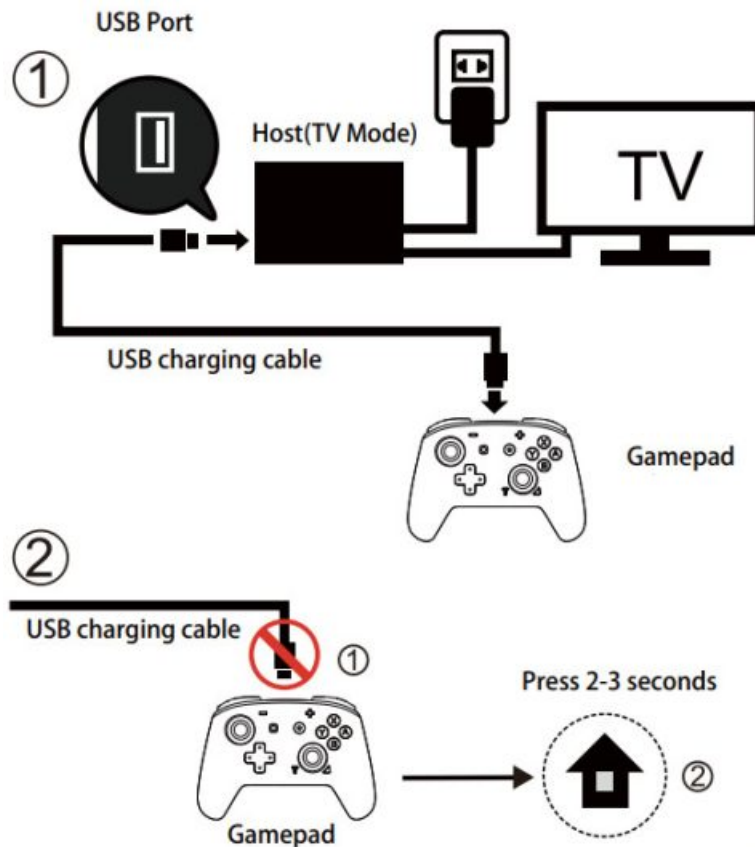
Driver package download website: **www.binbok.com**

Note No need to download the driver if it can be used normally, otherwise, new problems may occur due to version conflicts)

First Use:

1. **USB Pairing**

2. **Wireless Pairing**

Please ensure that the host is powered on and has been upgraded to the latest version before using this product.

①Press the Switch power button to start the host.

②After booting up, do the following: first step enters the "Controller Settings – Change Grip / Order" page, press the "pairing button" for

more than two seconds.

③The 4 LED lights will continue to flash. After successfully connecting, the LED lights indicate the corresponding game player.

3. **Connection Problem**

If the controller can not connect with Switch Console, please resolve it with the following methods.

1. Fully charged via USB cable if power is low then attempts to connect.

2. Try to connect with Switch Console via USB cable. As pictures are shown (Setting – Controllers and Sensors – Pro Controller Wired Communication), only works when enable in Pro Controller Wired Communication Mode.

3. Clear the Switch Console connection cache if the 1&2 method can not work out, as pictures shown(Setting – System – Formatting Options – Reset Cache). Too much Bluetooth data may cause connection errors. In order to avoid this situation, clearing the Bluetooth data before connecting is necessary.

4. If it still can not connect after trying the above methods, you can reset it by pressing the reset button on the

back of the controller.

Use Again

1. Press the Home button for more than 1 second to wake up the controller.
2. Switch host enters the connection mode automatically in a power-on state, after successfully connected, the corresponding LED light on the controller will remain bright.

   * It will be in sleep mode automatically after an unsuccessful connection for 10 seconds; other buttons have no wake-up function.

Motor Vibration Adjustment

1. "T" + "Up Arrow" to increase motor dynamics.
2. "T" + "Down Arrow" to reduce motor dynamics.

   The controller has a vibration adjustment function. The SWITCH controller motor adjustment function is divided into 4 levels: 100%, 75%, 30%, 0% (default is 75%). After the adjustment is successful, the motor in this gear will vibrate for 0.5 seconds.

Turbo Function

Set Up and Cancel

1. Hold the Turbo button and press any of the A/B/X/Y/L/R/ZL/ZR buttons (for the first time) to turn on the normal Turbo function.
2. Hold the Turbo button and press any of the A/B/X/Y/L/R/ZL/ZR buttons (for the second time) to turn on the automatic Turbo function.
3. Hold the T button and press (for the third time) A/B/X/Y/L/R/ZL/ZR button to turn off the automatic Turbo function.
4. Hold the Turbo button for 5 seconds to cancel the Turbo function.

Note: The controller will vibrate when you turn on or turn off the Turbo function

TURBO Speed Adjustment Method

1. "T" + "-"decreases TURBO speed.
2. "T" + "+" increases TURBO speed.

   During the burst, the mode light flashes at the corresponding speed, flashes slowly, flashes at medium speed, and flashes quickly.

*The speeds of these three gears are:
A. 5shoots/s
B. 12shoots/s
C. 20shoots/s

Light Setting

Note: After the first time using the controller: It will keep the last light setting by default. (Exception: After running out of battery/pressing the RESET button)

1. **Changing The Color Of Lights**

   Press the light button once, the light color is cyclically changed in the order of blue, red, green, yellow, cyan, orange, purple, pink, and rainbow.

2. **Turning Off The Lights**

   Double press the light button to turn off the lights.

3. **Breathing Light Mode**

   * Hold down the light button and A button at the same time to turn to breathe light mode, press the light button to change to another color. The light color will be changed cyclically.

4. **Vibration Mode**

   * Hold down the light button and B button at the same time to turn to vibration mode, the red lights go on and the motor vibrates (The lights stay on as long as the motor vibrates) Luminance(20MA).

5. **Stick Mode**

   * Hold down the light button and X button at the same time to turn to stick mode, the brightness of the lights changes with the joystick swing extension. The greater the angle of the stick swing, the brighter the light will be. When the swing stops, the lights go dim. You could press the light button to change the lights to another color.

   Luminance (5-20ma)

6. **Gyro Mode**

   Hold down the light button and Y button at the same time to turn to gyro mode, all of the lights are turned on while the 6-axis gyro is moving. Top(red), bottom(yellow), left(blue), right(green).

7. **Adjusting The Brightness Of Lights**

   Hold down the light button and direction button at the same time to adjust the brightness of the lights.

   Hold the down the light button and up button to turn the light brighter.

   Hold down the light button and down button to turn the light darker.

   4 levels: 25% 50% 75% 100%

Axis Calibration

Note: recommended to do this after the first connection to ensure the normal use of the shaft.
A. In the shutdown state, press "-" and "B" at the same time, press the home button, at last, then LED1, LED2, and LED3, LED4 will flash alternately and enter debugging mode.
B. Place the controller on the desktop or other flat position. Press the "+" button, and the host will calibrate automatically. After the calibration is completed, the controller will be automatically connected to the host.
C. After completed, please re-enter the controller debugging interface to test whether the controller is OK.
D. The host confirms automatically when the below interface appears, it indicates that the calibration has been completed and can be used normally.
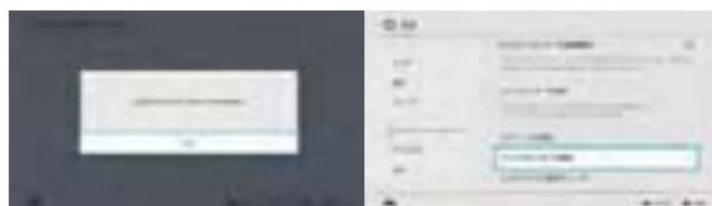
Button

1. If the controller button fails or does not work, please perform the following operation test: Setting – Controllers and Sensors – Test Input Devices (If there is a problem with the button in the test experiment, contact customer service for a replacement)
2. When left & right control stick operation deviations, perform control stick calibration: Setting – Controllers and Sensors – Calibrate Control Sticks.
3. Please calibrate the controller if you meet a motion sensor problem:
   Setting – Controllers and Sensors – Calibrate Motion Controls Calibrate Controllers (the controller must be placed horizontally when calibrating)

Calibrate Control Sticks

1. **Controller Self-calibration**
   * After connecting to the console, press A, X, and buttons at the same time for 3 seconds, calibration success when the 4 LED lights are bright.
2. **Calibrate With Console**
   1. Press the Home button to return to the host interface and select system settings.
   2. Press A to enter the following interface, select "Calibrate Control Sticks".

   3. Press A to enter the following interface.

   4. Press the stick(left/right) to enter the calibration interface then calibrate the stick.

   5. Press the X button to adjust the interface, and continue the next step according to the host indication.

Low Voltage Alarm

1. If the lithium battery voltage is lower than 3.55V+0.1V, the current channel tight flashes quickly and indicate low voltage.
2. If the lithium battery voltage is lower than 3.45V±0.1V, it will automatically sleep.

Reset Button Function

When there are some unsolvable faults in the controller, you can try to press and hold the reset button on the back of the controller for more than 5 seconds. At this time, the controller is powered off and reset, and you need to reconnect according to the method of connecting the controller for the first time.

Automatic Sleep

1. The controller automatically sleeps when the host screen is off.

2. The controller automatically sleeps without pressing any button.

3. minutes. (the sensor does not move).

4. Bluetooth mode, press the HOME button for 5 seconds and disconnect from the host.

Charging Indication

1. Battery low voltage alarm system: current indicator flashes (quickly flashing.)

2. The current channel indicator flashes (slow flash) when charging, and the current indicator is always on when fully charged.

3. When the pairing indication conflicts with the charging low power indicator, the pairing indicates a concern.

Warning

1. Do not expose the controller to high temperature, high humidity, or direct sunshine.

2. Do not allow liquid or small particles to enter the controller.

3. Do not put any heavy objects on the controller

4. Do not disassemble the controller.

5. Do not twist or pull the cable too strongly.

6. Do not throw, drop, or apply strong shock to the controller.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.
The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction

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Business Contact: **contact@binbok.com**

US: **support@binbok.com**

EUR: **support.eur@binbok.com**

Documents / Resources

	Shenzhen Hailu Technology SW022 Wireless Controller [pdf] User Guide SW022, 2A5W6-SW022, 2A5W6SW022, SW022 Wireless Controller, SW022, Wireless Controller

References

- **Home - BINBOK RGB Joy Con Switch Controller**
- **Home - Binbok RGB Joy Con Switch Controller**