



SWITCH PRO Wireless (Bluetooth) Controller

Specification

Product Features:

1. Suitable for console: SWITCH /PC/Android
2. Unique shape, Excellent touch feel, symmetrical joystick design, four indicator lights, three replaceable direction keys, multi-color optional. Patent No.: 2017304152347
3. Support for dual mode connections. Wireless Bluetooth connection range is 8 meters. Support for wired connections at the same time.
4. Compatible with all Switch original controller functions (button, motor, motion sense, screenshot, burst)
5. With NFC function (Only Switch console support)
6. 6-axis gyroscope for a better gaming experience (Only Switch console support)
7. Support Android 4.0 system and above systems mobile phones, tablets, set-top boxes, smart TV. (Some games can be connected directly)
8. Provide 19 function input buttons, support Turbo burst and burst elimination function
9. Built-in powerful vibration dual motor, 256-level precision 360° whole area 3D joystick
10. Compatible with PC(X-input)
11. Support analog joystick, six-axis calibration
12. Grip pits non-slip soft rubber design
13. One-button RESET design
14. One click back to connect state
15. Supports adjustment of motor vibration speed (available only for SWITCH)
16. Low voltage alarm and automatic sleep function
17. Upgradeable software
18. TYPE-C interface with 1.8m magnetic ring USB cable
19. 400mAh rechargeable lithium battery, support long game

Product Parameters:

1. Multi-color multi-platform optional:

Red/blue/black, HS-SW523

2. Controller parameters:

Controller Size: 160*65*110mm

Controller Weight: 0.225kg

Material: ABS

Color: Upper cover (red/black/blue) + lower cover (black) + button (black) color optional

Button Silk printing: White ABXY

3. Electrical parameters:

Input voltage:	DC 4.5-5.5V
Input current:	400mA



HonSon Group Electronic Co.,LTD

SWITCH PRO BLUETOOTH
CONTROLLER

HS-SW523

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Operating Voltage:	DC 3.7V
Operating current:	20mA-150mA
Battery:	Built-in polymer lithium battery
Battery capacity:	400mAh
Battery Operating time:	8-10 hours (Operating time depends on different time)
Charging time:	2.5 hours
Charging current:	< 350mA
Stand-by current:	0.027mA
Low voltage alarm:	3.55±0.1V
Automatic sleep:	3.45±0.1V
Charging interface:	TYPE-C
USB charging cable:	1.8M,With magnetic ring

4. Packaging Parameters:

Single package weight: 0.340kg
 Color box size: 162*80*115mm
 Packing quantity: sets / box
 Packing size: mm
 Gross weight: kg

5.Information: Packaging documents, Instructions, Product Picture

6.Operating guidelines

1.) Mode connection description

Switch wireless Bluetooth mode: press Y+Home for 2 seconds to enter the Bluetooth search mode, LED1-LED4 flashes, the corresponding channel indicator is always on; the synchronization status, or is being paired with the host: LED1-LED4 is flashing; note: After the controller enters the synchronous mode, it will automatically sleep if there is no synchronization within 2.5 minutes. If the Bluetooth connection is successful, the corresponding channel indicator LED is always on (Switch host assignment).

Android mode: press A+HOME for 2 seconds to enter Bluetooth search mode, LED is LED2, LED3, LED flashes when pairing, connection is successful

Wired connection mode: PC-side wired connection: Please use the USB data cable to connect the handle to the computer. After connecting, the handles LED1 and LED4 will flash at the same time. (Note: the handle defaults to XINPUT mode on the PC side, and the ABXY button is the switch button layout)

Switch wired connection: Please use USB data cable to connect the handle and SWITCH host. After connecting, the corresponding LED on the handle will flash slowly. Unplug the USB cable and the handle will change to Bluetooth mode and the host will automatically connect back.

2.) Back connection mode

Press the HOME button for 1 second to wake up the handle. After being woken up, it will automatically connect to the host that is paired with it. If the connection is unsuccessful for 10 seconds, it will automatically sleep; other buttons have no wake-up function.

3.) Automatic sleep and low voltage alarm



The main screen is off and the controller is automatically hibernated. If there is no button pressed within 5 minutes, it will automatically sleep (including the sensor does not move). In Bluetooth mode, press the HOME button for 5 seconds to disconnect from the host.

If the lithium battery voltage is lower than $3.55V \pm 0.1V$, the current channel light flashes promptly that the voltage is low; if the lithium battery voltage is lower than $3.45V \pm 0.1V$, it will automatically sleep; the battery low voltage alarm: the current pass indicator flashes (flashing)

4.) Turbo function

Press the one or several buttons (A/B/X/Y/L/R/ZL/ZR) and press the "TURBO" button to set the burst function. Press and hold the set burst action button again and press the "TURBO" button to clear the burst function of the button.

5). Motor vibration speed adjustment (only available for SWITCH)

The TURBO button and the arrow button (UP) are used to speed up the motor; the TURBO button and the DOWN button (DOWN) are used to slow down the motor speed; the motor vibration is divided into 4 levels, and each time the power is turned on, the default is 70%. Then, the classification is carried out in such a manner that 100% (maximum) - 70% - 30% - 0% (no vibration).

Note: Sensor function in SWITCH mode, no sensor function in other modes; NFC function is different for different game operations (only available for SWITCH)

Product Pictures:

