130mm*90mm

90mm

130mm

SW PRO WIRELESS-CONTROLLER

S01

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Product Description

This product is a multi-platform wireless Bluetooth controller. It supports both wired and wireless connections to the host and features back button macro programming functionality.

Product features

(1) Includes all buttons on the controller and their corresponding functions, with added motor vibration intensity adjustment functionality;
(2) Gyroscope mapping joystick function;
(3) Features 24 function keys;
(4) Built-in eccentric motor and high-precision Hall joystick;
(5) Six-axis gyroscope;
(6) M1 and M2 macro programming functionality on the back of the controller;
(7) Compatible with multiple platforms (Switch/PC/Android TV/iOS/HarmonyOS/car systems), supporting wired, Bluetooth connections to the host;
(8) The controller's left and right joysticks feature ring lighting effects, with 4 lighting modes and 9 color lighting effects.

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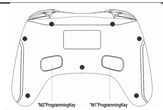

Connection method:

1.**SWITCH Console:** Before using the controller for the first time, open the console's pairing interface, press and hold the Y + "Home" button on the controller for about 4 seconds to power it on until the LED1234 lights flash quickly for pairing, then release. Once pairing is successful, LED1 will stay on, and the controller can be used normally. If pairing is unsuccessful, the controller will automatically enter sleep mode after 2 minutes.
If you press the Y button + Home button simultaneously for less than 4 seconds, the LED1234 lights will flash slowly to reconnect. The connected light will stay on and the controller will vibrate, reconnecting to the last used device in this mode. If the controller is connected and there is no operation for 10 minutes, it will automatically power off. Short press the Home button for less than 4 seconds to power on and reconnect to the last used device.
2.**PC wired dual mode: (X-input and D-input)**
(1) When the controller is connected to a PC via a USB cable, the indicator light is as follows: LED1 lights up, defaulting to X-input mode, and the device name displays as "Xbox 360 Controller."
The PC wired mode have an automatic recognition function. When both wired are connected simultaneously, the first connected mode takes priority (defaulting to X-input mode). The lighting effects are: in X-input mode, LED1 stays on; in D-input mode, LED1 and LED4 stay on.

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After the PC wired connection is successful, simultaneously press and hold the (-) + (+) buttons for 2 seconds to cycle between X-input mode and D-input mode (switching off the automatic recognition function for wired after switching).
The default mode for Android wired connection is D-input mode (Gamepad).
The default mode for Switch wired connection is Switch mode.
3.NA

4.**X-input mode:** Turn on Bluetooth on your phone and search for devices. Simultaneously press and hold the X button + Home button on the controller for more than 4 seconds; the LED123 lights will flash quickly for pairing. The device name will be: Xbox Wireless Controller. When connected, the light will stay on and the controller will vibrate (this mode is suitable for newer native games).
If you press and hold the X button + Home button for less than 4 seconds, the LED123 lights will flash slowly to reconnect. The connected light will stay on and the controller will vibrate, reconnecting to the last used device in this mode.
5.**D-input mode:** Simultaneously press and hold the B button + Home button on the controller for more than 4 seconds; the LED234 lights will flash quickly for pairing. The device name will be: Lenovo S01 Gamepad. When connected, the light will

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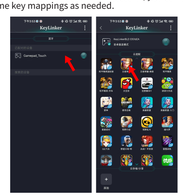
stay on and the controller will vibrate (this mode is suitable for older native games).
If you press and hold the B button + Home button for less than 4 seconds, the LED234 lights will flash slowly to reconnect. The connected light will stay on and the controller will vibrate, reconnecting to the last used device in this mode.

7.**Direct Wireless Mapping for Android:** Direct Wireless Mapping for Android: First, download the controller mapping app "KeyLinker". Turn on Bluetooth on your phone and search for devices. Then, press and hold the Y + A + Home buttons simultaneously for less than 4 seconds to enter the Android direct search mode. At this point, the channel lights LED23 will flash quickly. Find the Bluetooth device "Lenovo S01 Gamepad-Touch" and select it to connect. Once pairing is successful, the channel indicator lights LED23 will stay on. Then, open the "KeyLinker" app, select "Paired Devices" to connect. After the connection is successful, you can modify the game key mappings as needed.



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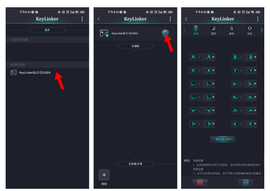
8.**Android Key Remapping Wireless:** First, scan the QR code to download the "KeyLinker" app. Connect the controller using the previous Android Bluetooth wireless mode. Once connected successfully, open the app, click on "Discovered Devices" to pair. After pairing is complete, click the settings button to modify the key mapping of the controller.



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Function Description

(1) **Connection method between the controller and the Switch host:**
①Wired connection: Use a USB data cable to connect to the host.
②Wireless connection: Connect to the host through Bluetooth communication.
(2) **Wired Bluetooth automatic switching connection function:** After the controller is connected to the host via USB data cable, press any key on the controller to wake up, unplug the data cable, and the controller will automatically connect to the host via Bluetooth.
(3) **Startup and shutdown operations:** Press the "Home" button for less than 4 seconds, the LED12 light will slowly flash on, and the handle will enter the Bluetooth pairing state with the host from sleep mode. Press and hold the "Home" button for more than 5 seconds to shut down.
(4) When the SWITCH host is in sleep mode, short pressing the "Home" button on the handle for less than 4 seconds can wake up and reconnect to the host.
(5) The controller supports upgrading through the APP or by connecting to a PC, and requires downloading our upgrade software.
(6) **Turbo function:** Press and hold any single button (except for the joystick), then press the "Turbo" button, and the corresponding button will activate Turbo mode.
(7) The controller consists of top, bottom, left, and right A、B、X、Y、L、R、ZL、ZR、LS、RS、L3、R3、－、+、TURBO、Home、Screenshots, connection keys, M1 and M2 macro programming buttons on the back of the controller, consisting of a total of 24 function buttons and two 3D simulation sticks.
(8) **Handle vibration adjustment function:** Press and hold the T key, then press the up and down cross keys to increase

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/decrease the vibration intensity of the handle. The intensity can be adjusted in four levels: 0, 25%, 50%, 75%, and 100%. (Adjustment successful, current vibration intensity prompt vibration for 0.5 seconds, handle needs to be adjusted in connected state, default intensity is 50%)
⑨ The back of the handle M1 and M2 have macro programming functions.

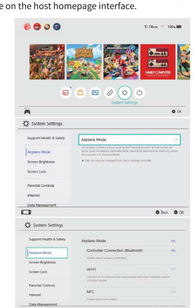
Fully charged: After the handle is fully charged, all lights turn off.
Charging: Connect the USB data cable to the handle and insert it into the 5V/0.5A power adapter. When the power is turned off, the charging LED indicator light will flash slowly. Charging will be prioritized when connected, and the charging light will be displayed as active
Low battery alarm: When the battery voltage of the controller is below 3.6V, it flashes rapidly 5 times per second and cycles every 30 seconds, indicating that the controller battery is low and needs to be charged.

Restore factory settings function
When there is an abnormality in the handle, press and hold the "reset" button for more than 5 seconds to restore the factory settings.

Receiving distance
The effective receiving distance of the handle is within 10 meters.

Electrical parameters
·**Static current during standby:** 10uA
·**Working voltage:** DC 3.6-4.2V
·**Working current:** 20MA-30MA
·**Vibration current:** 82 mA-130 mA
·**battery:** Polymer lithium battery
·**Battery life:** 8 - 12 Hours
·**Battery capacity:** 600mAh
·**Charging voltage:** DC 5V
·**Charging current:** 500mA

Connecting to the host via Bluetooth
A、**Host Bluetooth enable settings:**
Click on "System Settings" ->"Airplane Mode" ->Turn on "Airplane Mode" ->"Connection to the controller (Bluetooth)" ->Use on the host homepage interface.



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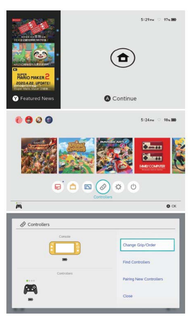
B、Pairing settings between the controller and the host
Click "Handle" ->"Change Grip/Order" on the host homepage interface to enter the following page.



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Press and hold the "Home" button on the controller for more than 4 seconds to start pairing. The LED1-4 lights flash alternately. Release the "Home" button and wait for 5 to 30 seconds. When the controller icon appears on the host screen, the connection is successful, and the indicator light on the controller also lights up.

Turbo Mode:
1.The manual burst speed and automatic burst speed have 3 levels: 5/10/20 shots per second.
2.**The key for setting TURBO can be configured as:** A key、B key、X key、Y key、L key、R key、ZL key、ZR key.
3.**Setting Manual TURBO/Automatic TURBO/Turning Off TURBO Operations:** After connecting, hold down T+(A key, B key, X key, Y key, L key, R key, ZL key, ZR key) to activate manual connectionTURBO mode, when the handle vibrates, it indicates successful setting. Press and hold T again+(The manual TURBO key has been set) Turn on the automatic burst mode (TURBO), and at this time, the manual Shake the handle to indicate successful setting. Press and hold T+for the third time (automatic TURBO has been set)The TURBO function will be turned off when the key position is pressed, and the handle will vibrate to indicate successful setting.
4. Handle setting TURBO adjustment gear operation: After connecting the machine, hold down the TURBO key and then push again R3 push up (increase gear, at which point the motor vibrates once to indicate successful setting), hold down

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Press the TURBO key again and push R3 down (to reduce gear, at this time the motor vibrates once as a prompt Set successfully)
6.**One click clear TURBO operation:** Press and hold the TURBO key for 5 seconds.

M1 and M2 key macro programming function settings:
1.Programming supports mapping and macro definition functions
2.**Factory Key Values:** The M1 button is the A button, and the M2 button is the B button
3.**Backkey macro programming:** Press any key M1 or M2 plus the "T" key, and the handle vibrates once to enter programming mode. Then press the function key to be mapped (A/B/X/Y/L/R/ ZL/ZR/L3/R3/Cross key (any key position up/down/left/right), and press the M1/M2 key again (the same key position during programming) to confirm programming. At this time, the handle motor vibrates once, indicating successful programming
4.**Gyroscope mapping joystick:** The combination of "T" key and "L3" or "R3" handle vibration indicates successful mapping, followed by operation to close.

Macro programming function clear:
Press any programming key M1 or M2, then hold down the "T" key, and the motor vibration will enter the programming state. Press the programming key again to clear the programming of the macro key. Clearing completed motor vibration feedback.

Rocker aperture lighting effect
1:Light mode adjustment method:
Press and hold down the "T" button and press the "-" button to cycle through the following four modes: Phantom mode (default for startup) - Breath cycle color changing mode - Laser color changing mode - Turn off lights
2:Breathing cycle color changing mode light color adjustment method:
Press and hold "T" without letting go+"+" to cycle through

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the following 9 light colors: dual aperture red light - dual aperture red orange light - dual aperture yellow light - dual aperture green light - dual aperture blue light - dual aperture blue light - dual aperture purple light - dual aperture white light - dual aperture breathing cycle color change.
3:Four level adjustment method for light brightness:
The brightness of the light is divided into four levels: 25% - 50% -75% -100%. Hold down "R3" and hold it down while moving it up the left joystick to increase the brightness. Hold down "R3" and move it down the left joystick to decrease the brightness. The brightness can be remembered when turned off, with a default brightness of 75%.

Button layout swapping function: Simultaneously press and hold X+B+home for 2 seconds to achieve the switch function of A to B and X to Y buttons, which must not conflict with the connection function. There is a memory function, and after successful setting, the handle vibrates for 0.5 seconds.
The Switch mode will automatically default to the Switch button layout.

Calibrate the gyroscope sensor and 3D joystick
1. Calibrate gyroscope sensor
A、After successfully connecting the controller to the host, return to the main menu on the screen.
B、Click on "System Settings" - "Handle and Sensor" - "Calibrate Gyroscope Sensor"
- "Calibration handle" - "Long press" - "or"+".
C、Place the handle with the joystick facing upwards and wait for a moment on a flat and stable surface.
D、Calibration completed.

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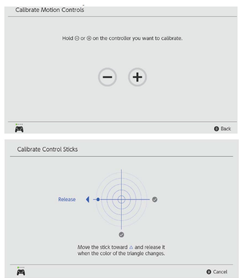

2.Calibrate 3D joystick
A、After successfully connecting the controller to the host, return to the main menu on the screen.
B、Click on "System Settings" - "Handle and Sensor" - " Calibration Rocker" - Press as needed Calibrated joystick.
C、Follow the instructions on the host to confirm, and if there is any abnormality in the action, correct it with X.

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D、According to the instructions on the host, push the joystick towards the direction of the triangle and change color in the triangle Release the joystick afterwards.
E、Rotate the joystick 2-3 times in the direction indicated by the host.
F、Calibration completed.

Sensory mapping function:
①Body sensation simulation right joystick: Press T+R3 to turn on/off the body sensation simulation right joystick.
②Body sensation simulation left joystick: Press T+L3 to turn on/off the body sensation simulation left joystick.
Repeatedly press to cancel, successful setting (motor vibration once), center correction: Press and hold the T key and photo key for 1 second, and the vibration prompt will indicate successful correction.

Frequently asked questions:

Q1: Why does Bluetooth connection fail?
A1: There are too many controllers connected to the game console. Please remove all controllers and restart.

Q2: Why is the controller not powered on?
A2: The battery level of the controller is low. Please use a USB data cable to connect a 5V/0.5A power adapter to charge the controller. After it is fully charged, reconnect and use it.

Q3: Why does the controller drift when connected to the host?
A3: When the controller is connected to the host, please make sure not to touch the joystick. If touching the joystick will cause it to drift during use, then you need to reset and reconnect to the host.

FCC Statement

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.

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.
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.