



Linkedin SW550 Wireless Controller User Manual

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WIRELESS CONTROLLER

Compatible with Switch/Switch OLED/LITE/PC/IOS/Android

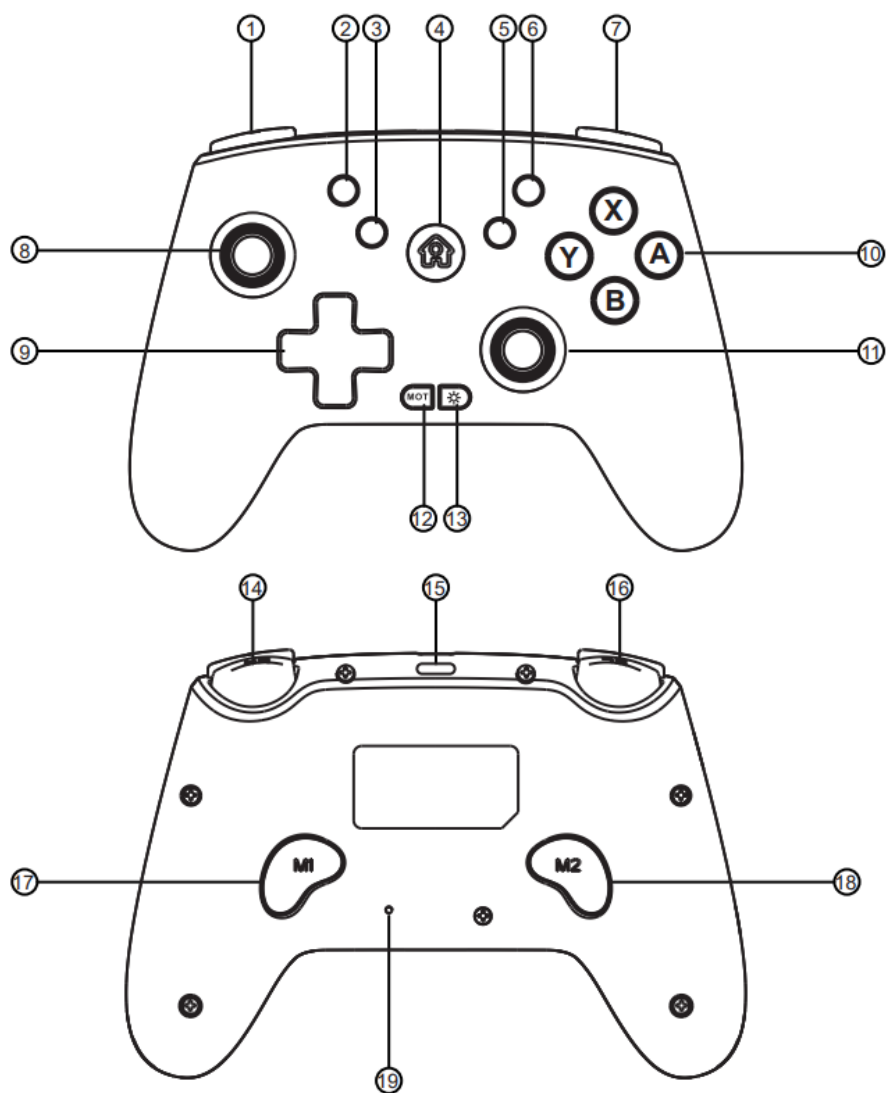


User Manual

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SW550 Wireless Controller



(1) L button (2) button (3) TURBObutton (4) HOME button (5)Screen capture key (6) + button (7) R button (8) Left joystick L3 key (9) Cross button (10) A,B,X,Y button	(11) Right joystick R3 key (12) Vibration adjustment key (13) Light control button (14) ZR button (Hall trigger) (15) Type-C port (16) ZL button (Hall trigger) (17) M1 button (18) M2 button (19) Reset key
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Product Feature

1. support Switch/Switch LITE/PC/IOS/Android system;
2. Built-in six-axis gyroscope to enrich direction and other motion-sensitive gameplay;
3. Built-in asymmetric motor vibration, three adjustable gears, perfect feedback, that make it seem as though you are there in the action;
4. Support manual burst and automatic burst with three adjustable burst speed to free your hands and make comfortable;
5. With seven-color RGB background light, science fiction, cool, dramatic;
6. Developed by a professional controller design team, ergonomic, good appearance and excellent handle.

Mode and Connection

- Switch mode connection: Long press the Home button for 3 seconds to enter the Bluetooth search mode.After successful connection,the green indicator light under the Home button keeps on. Note: After the controller enters the synchronization mode,if it is not synchronized successfully within 2.5 minutes,it will automatically sleep.
- Android Gamepad mode connection: Long press HOME+X for 3 seconds,the LED will flash quickly to enter the Bluetooth search mode and display the name: Gamepad.After successful connection,the red light under the HOME button keeps on.
- IOS 13 mode connection: Long press HOME+A for 3 seconds,the LED will flash quickly to enter the Bluetooth search mode and display the name: Xbox Wireless Controller. After successful connection, the white light under the HOME button keeps on.It supports MFI games.
- PC Bluetooth mode connection: Long press HOME+X for 3 seconds, the LED will flash quickly to enter the Bluetooth search mode and display the name: Gamepad.After successful connection,the red light under the HOME button keeps on. (Note: Bluetooth connection to the computer uses Android mode.Only recommend for experienced players who know how to set the key value).

Reconnect and Wake-up

Reconnect: When the controller is in sleep state,short press (A.B.X.Y.+ -O.↑ / ↓ / ← / →) any one of the buttons.The LED flashes to automatically back connect to the paired console.

Wake-up: When the console is in sleep state,short press the HOME button and the LED flashes.Then you can wake up the console, the handle will automatically connect to the console.

Dormant State and Disconnection

If the console screen is off, the controller will automatically enter the dormant state.

If no button is pressed within 5 minutes, the controller will enter the dormant state automatically (the sensor does not work).

In the wireless connection state, you can press the HOME button for 5 seconds to disconnect it from the console.

Charging Indication

During the shutdown state, if the controller is charged, the LED light under the HOME button will flash slowly. If it is fully charged, the LED light will be off.

During the connection state, if the controller is charged, the current channel indicator will flash (slow flashing). The current channel indicator will keep on when the controller is fully charged.

Low Voltage Alarm

If the battery is lower than $3.55V \pm 0.1V$, the current channel light will flash quickly to show the low voltage.

When the battery voltage is lower than $3.45V \pm 0.1V$, the controller will enter the dormant state automatically.

Low voltage alarm: The current channel indicator flashes (fast flash).

TURBO Function

A: Manual Turbo Setting: (First Time) Press one or several buttons (A/B/XY/L/R/ZL/ZR) and then press TURBO button to start the manual TURBO function.

B: Automatic Turbo Setting: (Second Time) Press the button with manual Turbo function again and then press "TURBO" button to start the automatic TURBO function.

C: Clear TURBO Setting: (Third Time) Press the button with automatic TURBO function again and then press "TURBO" button to clear the TURBO function.

TURBO speed adjustment: T key and the upper key of the cross key (UP) is to accelerate the speed; T key and the lower key of the cross key (DOWN) is to slow down the speed.

The speed is divided into 18HZ, 15HZ, 12HZ. The default is 12HZ. There is no memory function when the controller is turned off, and the default 12 HZ is restored each time the controller is turned on.

Wired Connection

PC Connection:

Please use a USB cable to connect the controller and the computer. The yellow light under the HOME button will keep on after connection. (Note: The default mode of the controller on PC is XINPUT mode)

Switch Connection:

Please use a USB cable to connect the controller and the Switch console. After connection, the corresponding green light on the controller will keep on.

PS3 Connection:

Please use a USB cable to connect the controller and the PS3 console. After connection, the corresponding orange light on the controller will keep on.

RGB Colorful Light

a. Single-color gradient light change mode: red-orange-yellow-green-cyan-blue-purple cyclic changes (the default mode).

b. Different-color gradient light change mode: two sides of the light random gradient change in different colors. The colors on left and right are not consistent.

c. Single-color light long bright mode: (red-orange-yellow-green-cyan-blue-purple) single-color cycle, single press the light key to switch to the next color.

d. The first double-click after power on is to switch to Different-color gradient light change mode. Then the second double-click is to turn off the lights. The third double-click is to return to the Single-color gradient light change mode and so it loops. In any large mode (No light is also supported) click the light key to return to the different-color light long bright mode. Press again to switch to the next color, double-click to switch to Single-color gradient

light change mode.

e. After turned off, the light does not have a memory function.

Motor Vibration Speed Adjustment

When the controller is well connected, press vibration adjustment buttons to adjust the motor intensity (the controller will vibrate once each time you adjust it); The motor vibration can be divided into four levels of “strong” “medium” “weak” “stop”.

Each time it is used, the “100%” (strong) level is the default level, followed by “75%” “50%” and “0%”. There can be done in the same manner.

M-key Function Programming

M-key=M1. M2 Programmable buttons $\uparrow/\downarrow/\leftarrow/\rightarrow/A/B/X/Y/L/R/ZL/ZR/L3/R3$;

Programming mode:

1. Default M1 for ZR, M2 for ZL;
2. Setting Method: Press the M-key; then press the “+” button. The indicating light will flash.
Release it to set the programming. And then press one or several keys you want to set ($\uparrow/\downarrow/\leftarrow/\rightarrow/A/B/X/Y/L/R/ZL/ZR/L3/R3$). Press the M-key to save the setting.
For example: Press M1, and press the “+” button to set the programming (the indicator flashes). Press A button and M1 to save the setting. At this time, M1 corresponds to A button function.
3. Press the M1, M2, – button at the same time for three seconds, and the indicator flashes to restore the default value. M1, M2 restore the initial: M1 for ZR, M2 for ZL.

Note: In programming, if you do not press the programmable button, the original function will be cleared.

Reset Controller Hardware

When the controller is abnormal, poke the reset button, and the controller hardware resets.

Upgrade

Size: 151.2*108*59.5mm \pm 1mm

Weight: 204g \pm 5g

Material: PC

Color: Top cover (transparent) + Lower cover (transparent) [Optional color] Button silk print: white ABXY

Electrical Parameter

Operating Voltage:	DC 3.7V
Operating Current	25mA-150mA
Sleep Current	≤27uA
Built-in Lithium Battery:	600mAh
Enter Charging Voltage:	Type-C input 5V
Charging Current:	≈350mA
Bluetooth Edition	2.1+EDR
Transmission Distance:	10M
Port	TYPE C interface
Endurance	Endurance

FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part15 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.

15.19 Labelling requirements.


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.
- changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF warning statement: the device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.



Documents / Resources

	Linkedin SW550 Wireless Controller [pdf] User Manual 2BD8F-SW550, 2BD8FSW550, SW550, SW550 Wireless Controller, Wireless Controller, Controller
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References

- [User Manual](#)