



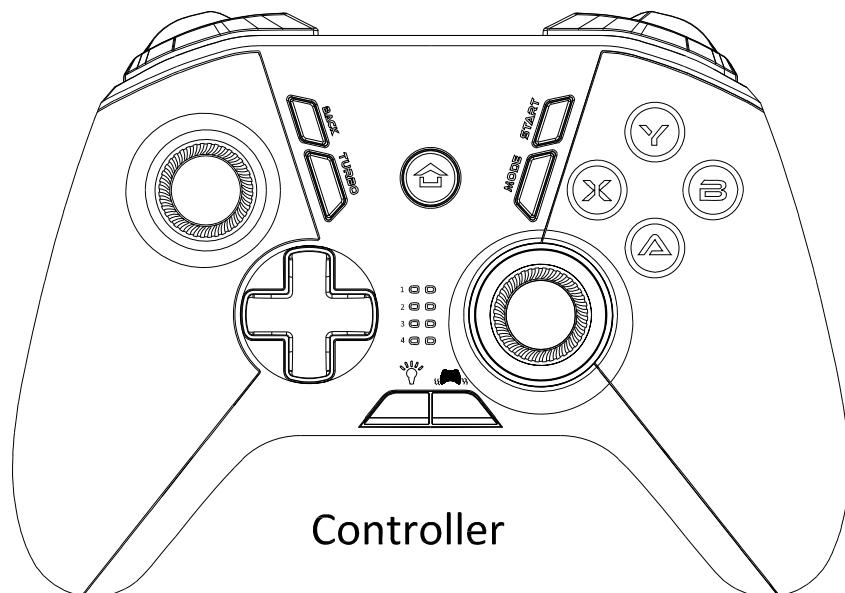
# SOLAR LOYAL LIMITED

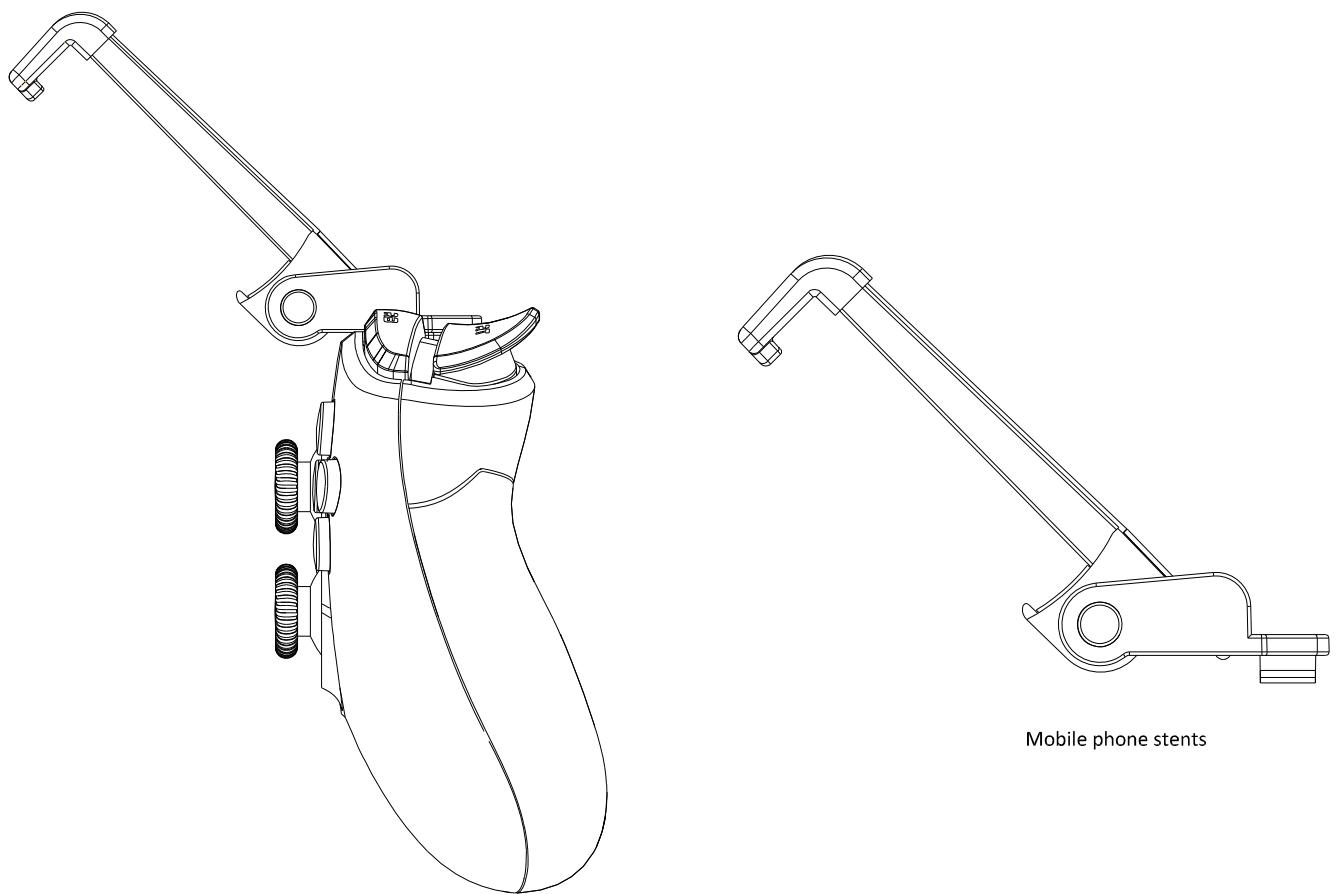
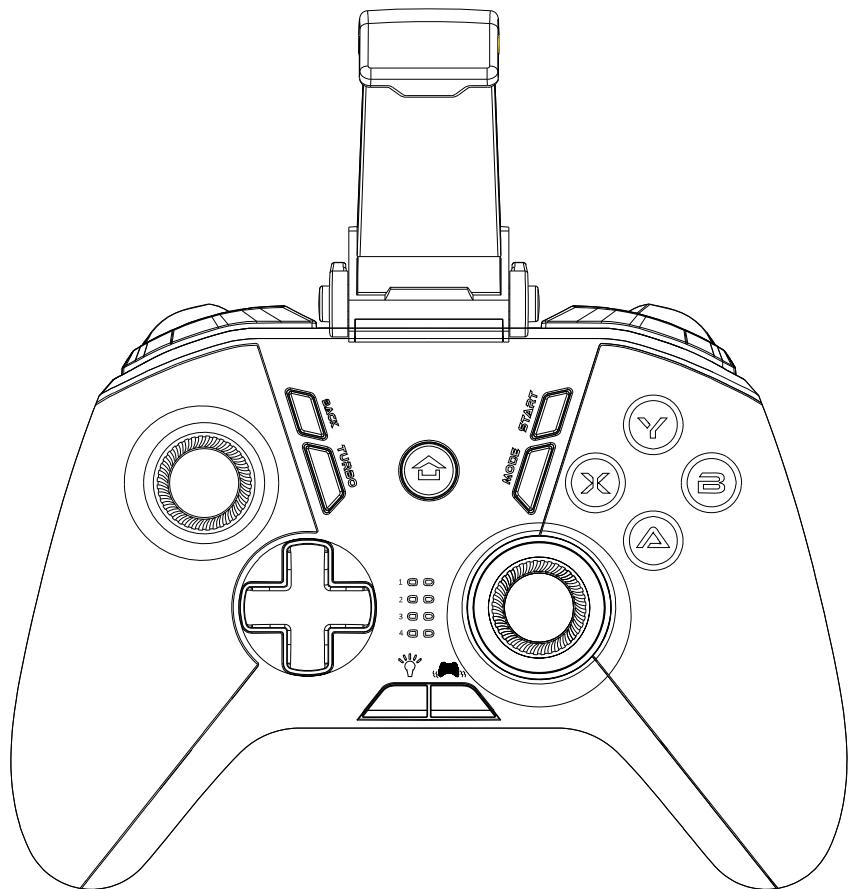
## SL-9110 2.4G controller manual

Thank you very much for purchasing this controller which is a new design , compatible PC , Android,PS3,switch. Please read the manual carefully before using it and save it for later use.

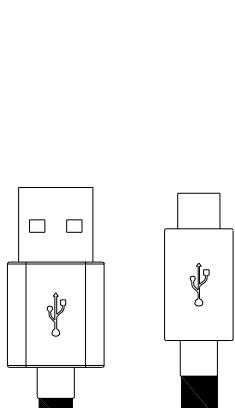
## Content

1. Controller \*1
2. 1M USB-C charging cable \*1
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4. Receiver\*1

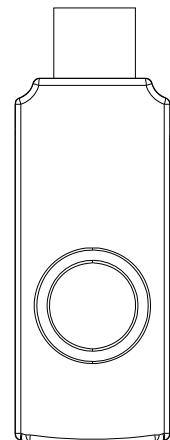




Mobile phone stents



USB Cable



Receiver

## FEATURE

1. Compatible with Nintendo switch console, PC, PS3, Android.
2. Operation range up to 10M
3. Built in LI-polymer battery 600mA
4. Charging time: 2.5hours
5. Playing time: more than 8 hours
6. Sensitive LB RB button, joystick and Trigger design, core gamer loved D-pad design
7. 2 vibration motors
8. Laser engraved mould texture on handle, ergonomic design for comfortable use
9. With LED under face buttons and right joystick
10. Concaved joystick design with matt finish for better game control
11. Mobile clip removable
12. Global patented M1-M4 programming buttons design

# PC mode key layout

## Back button

### Left joystick:

It is set in the different game according to the customer favorite.

The lower key is the L3 key.

### Directional pad:

8-way point of view control button

### Turbo button setting:

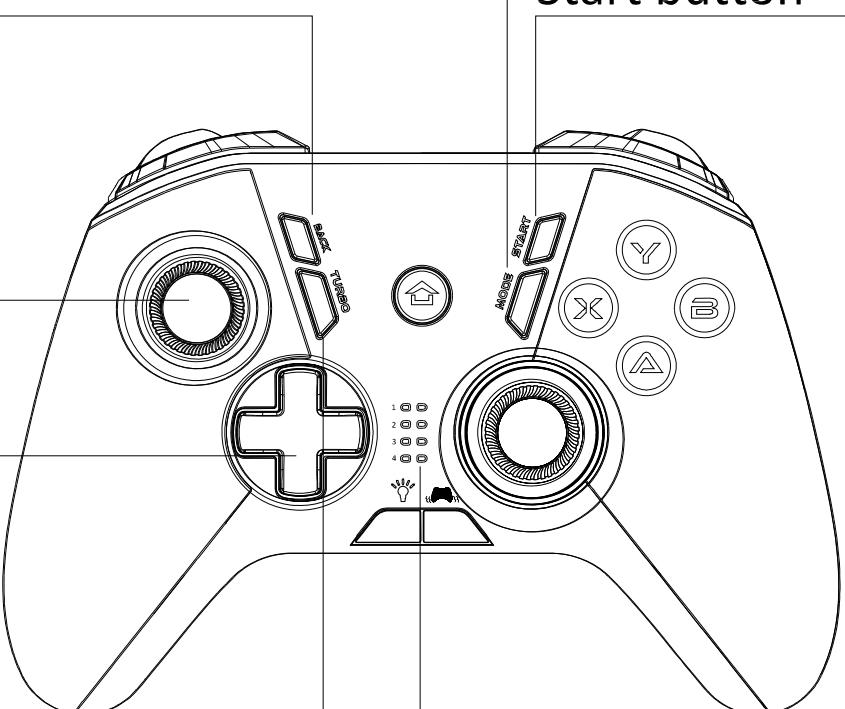
1. Hold the key which you want to set it into turbo function, then press TURBO key one time.

Backlit red flashing, is set successfully.

2. Hold the key which you have set turbo function, then press TURBO key it can clear turbo setting.

And the back ring to blue.

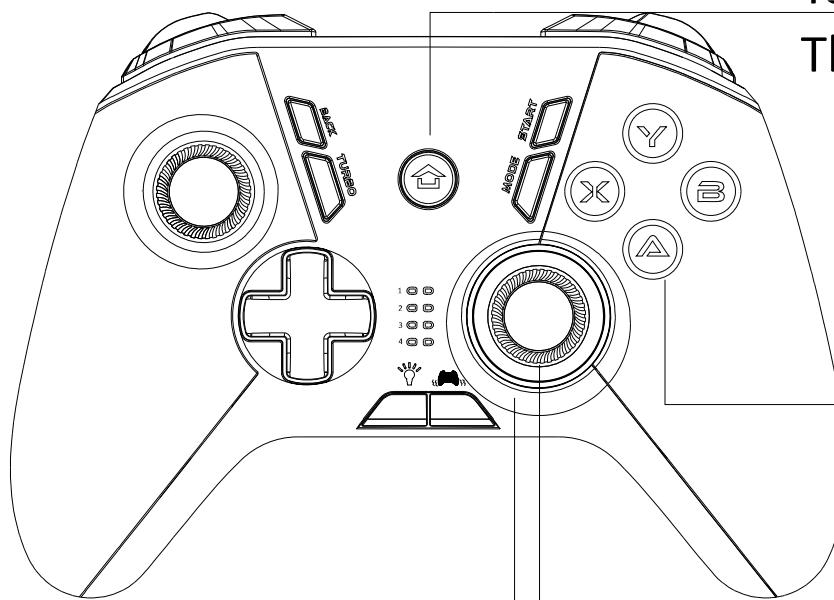
3. Can be set the TURBO button: A,B,X,Y,LB, RB,LT,RT.



MODE button

Start button

Channel LED



**Home button**  
Hold the "home" button for 5 seconds to turn it off

**The function keys:A,B,X,Y**

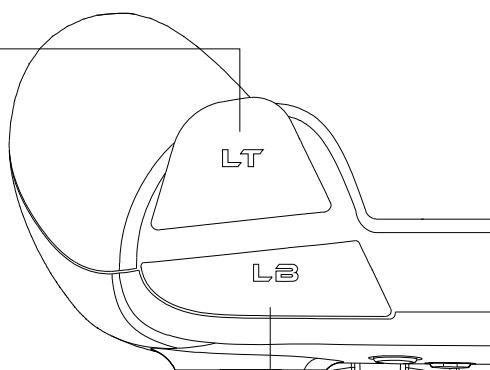
A, B, X, Y backlight LED .  
Hold down L + R, 5 seconds backlight LED to turn off.  
Hold down L+R again, 5 seconds backlight LED and Changliang.

**Right joystick:**

It is set in the different game according to the customer favorite.  
R3 button is right joystick button.

**Note:** Linear pressure buttons, according to the difference in button pressure, produce different key effects such as speed and weight

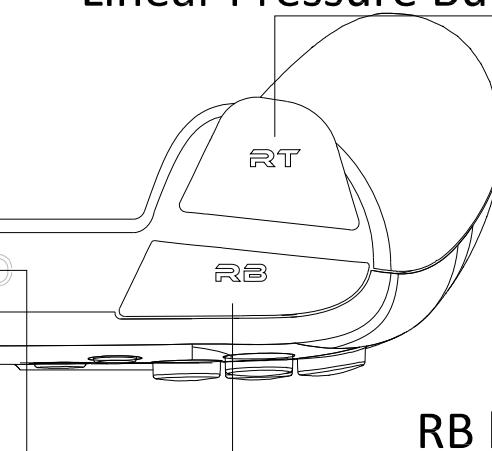
**Linear Pressure Button LT**



**LB button**

**Charging indicator LED**  
When charging, LED is on, LED off when full.

**Linear Pressure Button RT**



**RB button**

**USB C :**  
1.Usb data  
2.INPUT:5V,500mA



### Backlight LED Brightness Adjustment

A total of 5 blocking, 1 blocking luminosity 100 %, 2 blocking luminosity 75 %, 3 blocking luminosity 50 %, 4 blocking luminosity 25 %, 5 turning off backlight

The operation method is as follows

1. Press the LED switch and add one gear. If you at the second gear, it becomes 3 gear. (Note: Gear position is cyclically switched.)

Note: The ring LED and ABXY are both brightened and weakened. In the TURBO mode, the circular red LED also weakened and strengthened.

Note: After the burning program, the LED has the strongest brightness and memory function.

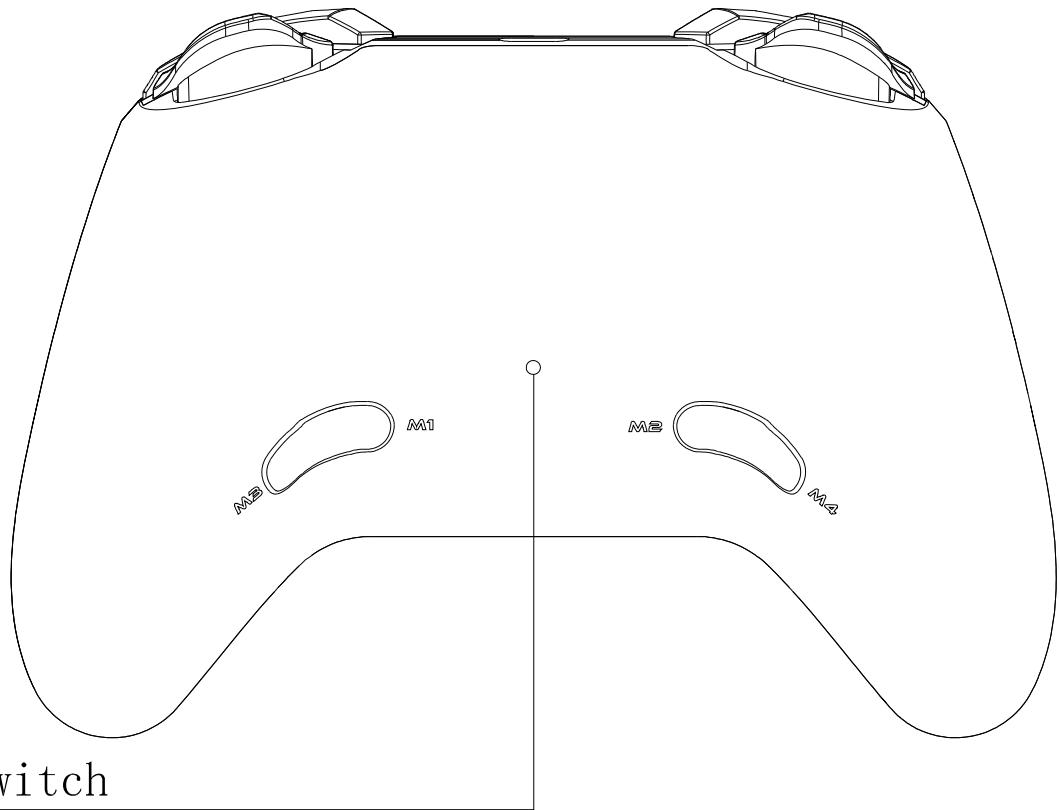
### Motor vibration strength adjustment

Motor adjustment of a total of 5 gears, the first block vibration 100 %, the second block vibration 75 %, the third block vibration 50 %, the fourth block vibration 25 %, the fifth block off vibration

The operation method is as follows

1. Press the motor switch and add one gear. If you in the second gear, press the switch it becomes a third gear (each time the gear is changed, the motor must also vibrate with the 1 second. If it is adjusted to 2 gear, the motor is 75 % vibration strength for 1 second. (Note: When you switch to 1st gear, you can't go up again.)

Note: After the burning program, the motor has the strongest vibration and memory function.



## Remapping M Buttons

### Switch mode:

M1 default B key, M2 default A key, M3 default Y key, M4 default X key (switch mode does not support programming function)

### PC, PS3, Android mode:

## Mode A (Remap function) :

### M1 operation

- 1) Press M1 first and holding not release then press back, red backlight is on, now in setting status
- 2) Holding any button you want to set function, for example L1, R3
- 3) Press M1 again to confirm setting, red backlight will be off, the setting successfully completed, now if you press M1, it is actually with L1 and R3 function
- 4) Multifunction button can be set on those buttons, any of them can be set together, A,B,X,Y,L1,L2,L3,R1,R2,R3, D-pad(up/down/left/right), you can set several multi function buttons, or also set one multi function button only
- 5) M1 with memory function, After setting will keep setting function
- 6) M1,M2,M3,M4 operation method are the same .

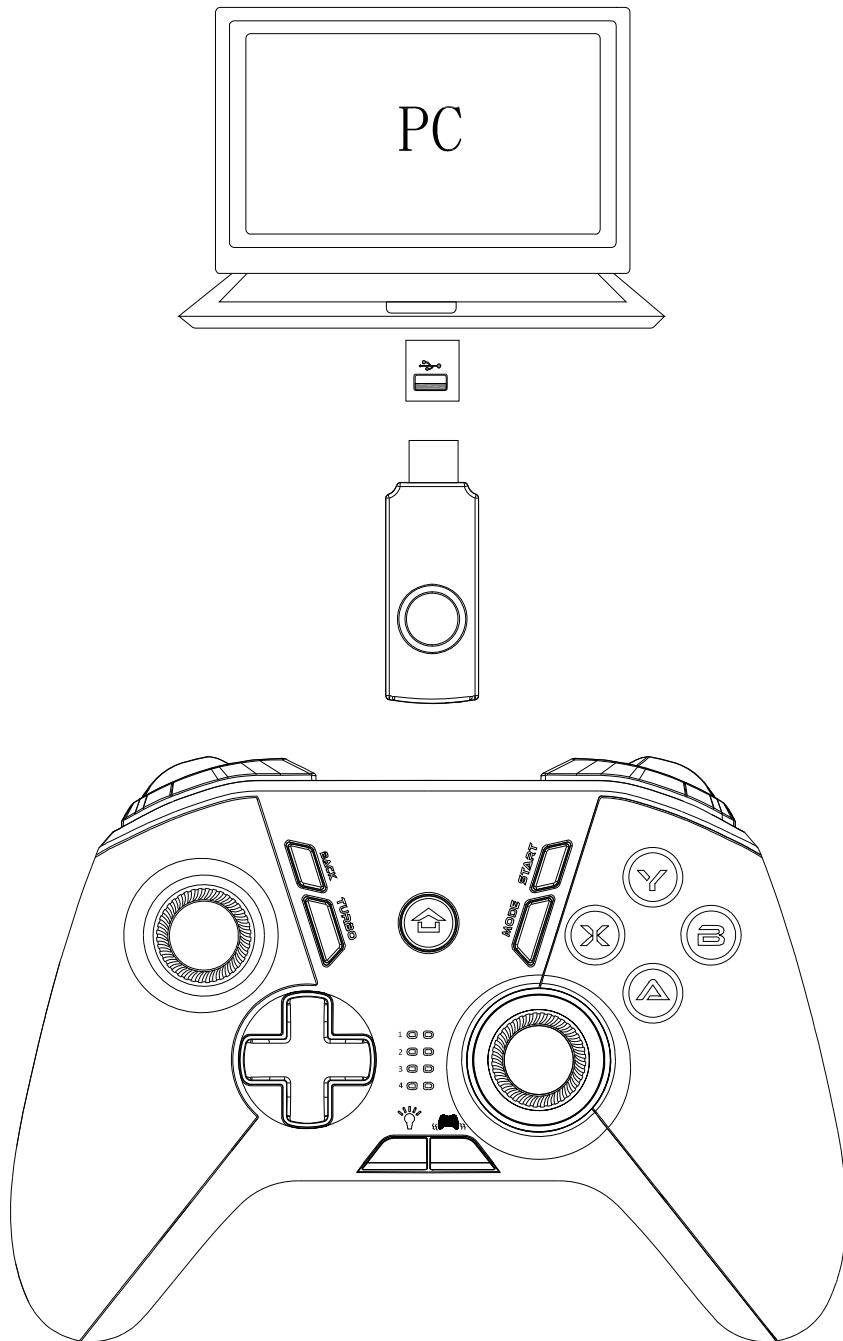
## Mode B (Macro function) :

### M1 Operation

- 1) Press M1 first and holding not release then press START, the red backlight is on, now entered into setting status
- 2) Press any button you want to set with multi function, for example L1,R3
- 3) Press M1 again, setting is successfully completed; turbo LED off, now multi function button ready. If you press M1, it will act as L1 first and then act as R3(this is decided by during setting if L1 pressed first or R3 first), if press L1 first then R3, then M1 function as L1+R3, if press R3 first then L1, then M1 function as R3+L1
- 4) Multi function button can be set on those buttons, any of them can be set together,A,B,X,Y L1,L2,L3,R1,R2,R3, D-pad(up/down/left/right), you can set several multi function buttons, or also set one multi function button only
- 5) M1,M2,M3,M4 operation method are the same .

## PC Xinput wireless mode connection Settings :

- 1.Press "HOME" button , channel LED1, LED2, LED3, LED4 flashing, in pairing.
- 2.Insert the receiver into the computer USB, controller began to mate with the receiver.LED1+LED4 normally on, the connection is successful.
- 3.Enjoy your game on your devices

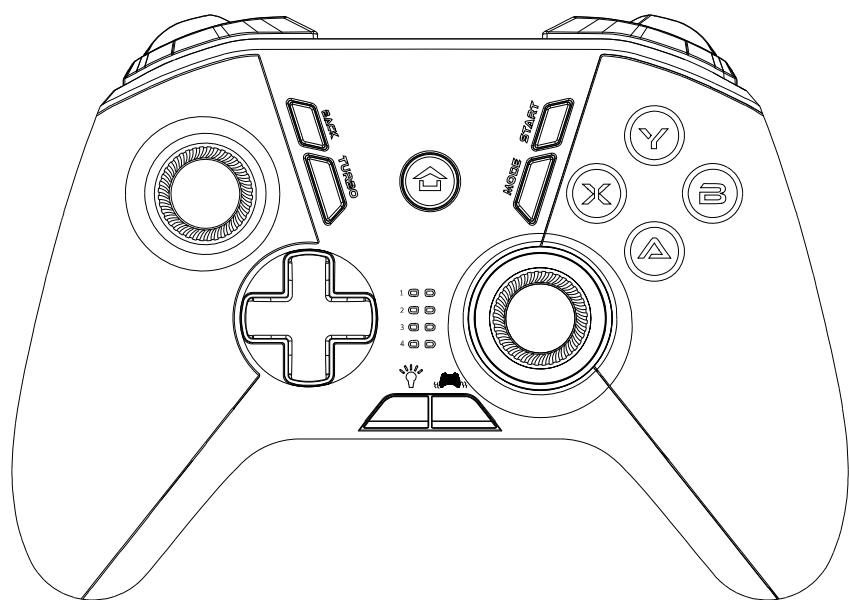
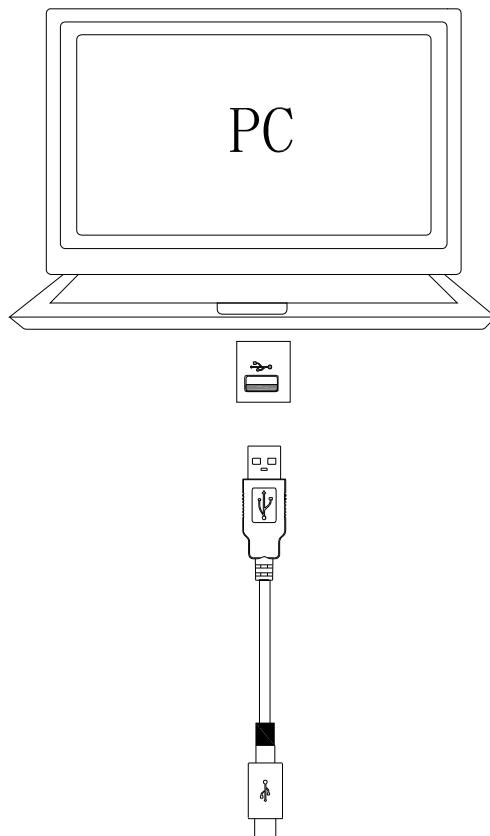


### Channel LED:

If controller is paired, when the battery voltage is lower than 3.5 V, channel LED3 flashing warning lower power, and close the vibration function.

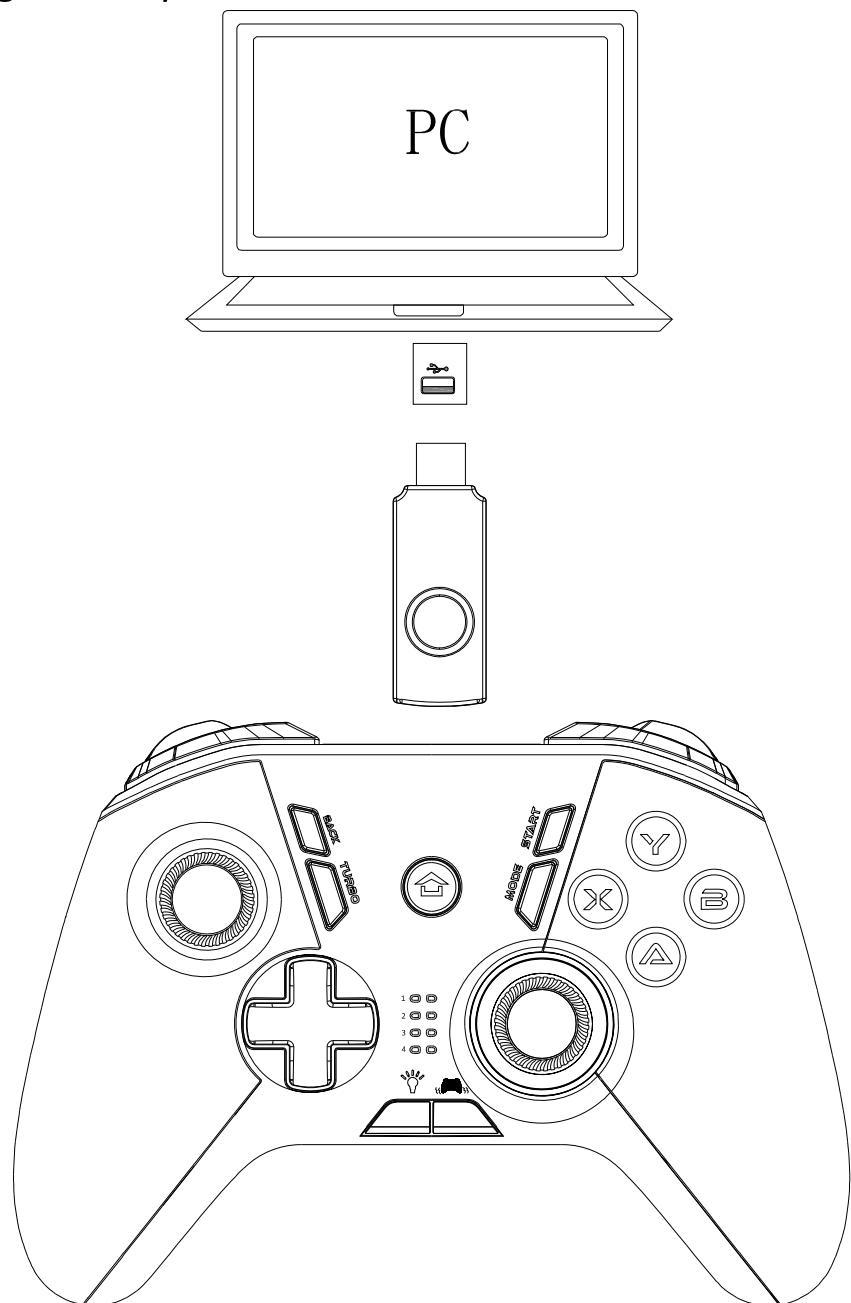
PC wired mode connection Settings :

- 1.Insert USB cable directly to the computer USB port .
- 2.When channel LED1 and LED4 is normally on ,connection is successful .
- 3.Enjoy your game on your devices



## PC Dinput wireless mode connection Settings :

- 1.Press "HOME" button , channel LED1, LED2, LED3, LED4 flashing, in pairing.
- 2.Insert the receiver into the computer USB, controller began to mate with the receiver.LED1+LED3 normally on, the connection is successful.
- 3.If it is not LED1 + LED3, hold the HOME key for 5 seconds until LED1 + LED3 is on.
- 4.Enjoy your game on your devices

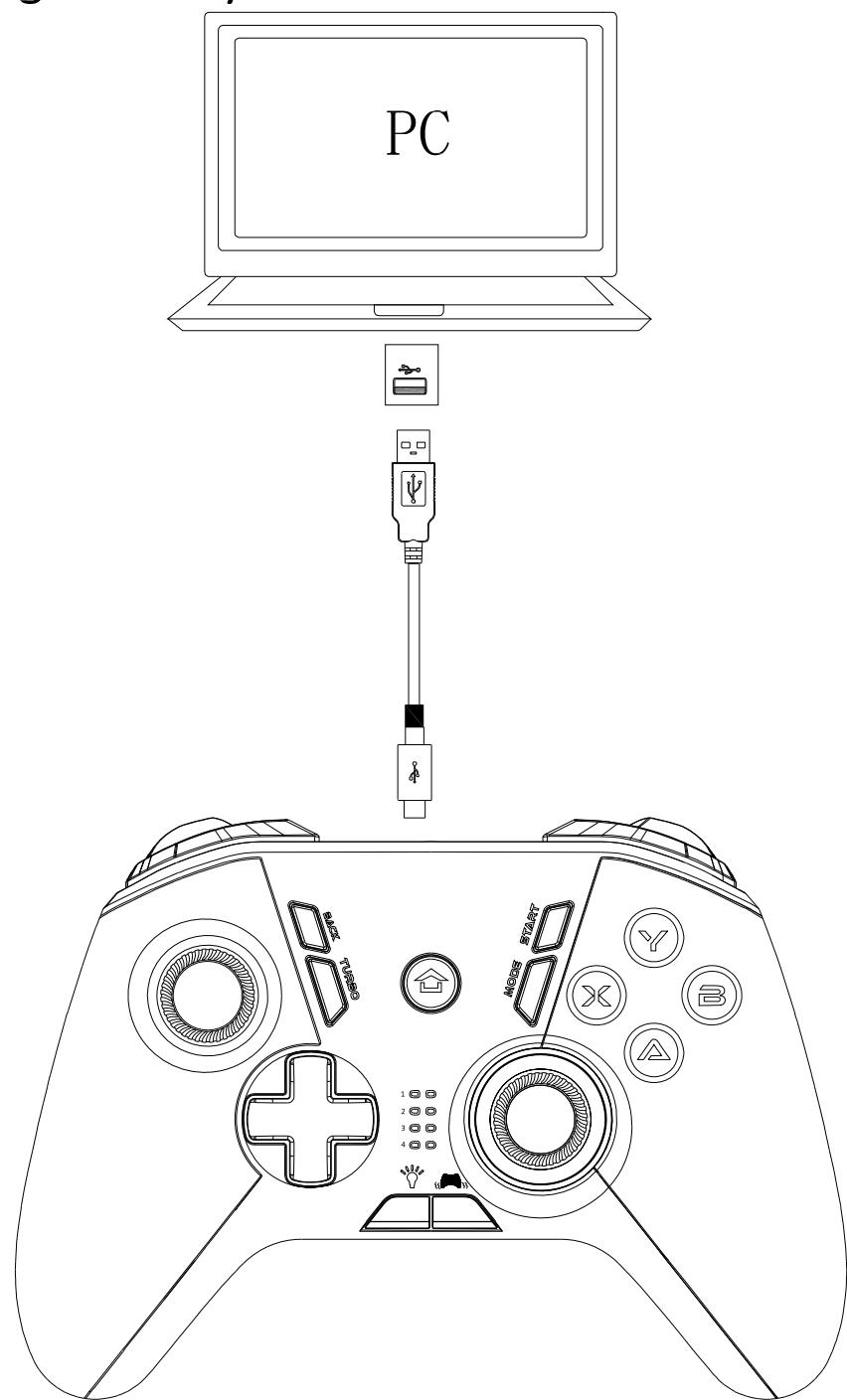


### Channel LED:

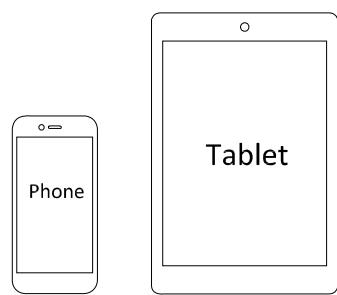
If controller is paired, when the battery voltage is lower than 3.5 V, channel LED1+LED3 flashing warning lower power, and close the vibration function.

PC Dinput wired mode connection Settings :

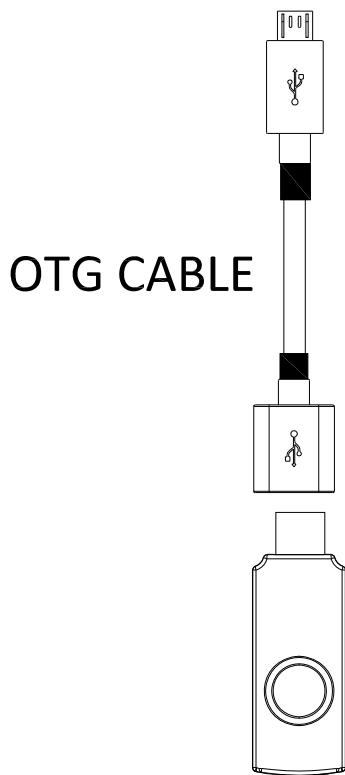
- 1.Insert USB cable directly to the computer USB port .
- 2.When channel LED1 and LED3 is normally on ,connection is successful .
- 3.Enjoy your game on your devices



## Android wireless mode connection Settings :



1. Receiver connection OTG line
2. The OTG line is directly inserted into the USB port of the phone, and the LED2 + LED3 is on. The connection is successful.
3. If it is not LED2 + LED3, hold the HOME key for 5 seconds until LED2 + LED3 is on.
4. Enjoy your game on your devices

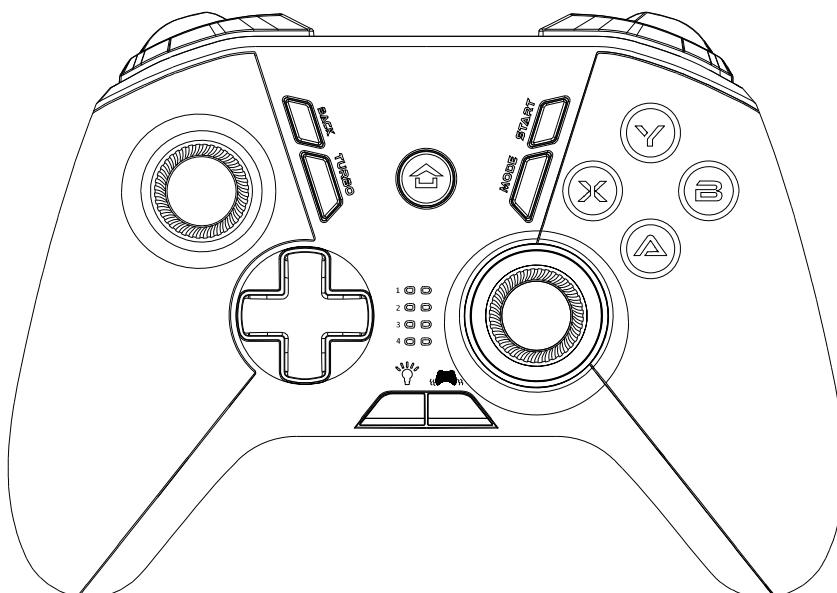


Note: 1. The mobile phone or tablet to support OTG function and use OTG cable connection.

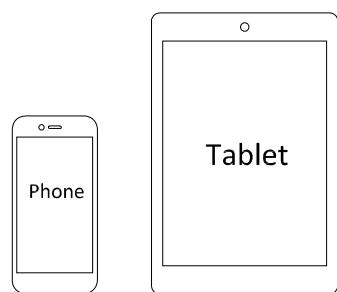
2. The current android game does not support the controller vibration function.

### Channel LED:

If controller is paired, when the battery voltage is lower than 3.5 V, channel LED2+LED3 flashing warning lower power.

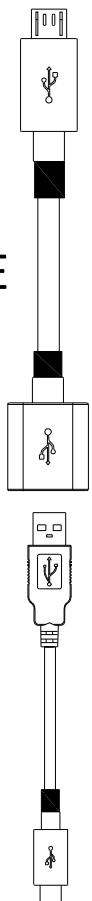


## Android wired mode connection Settings :



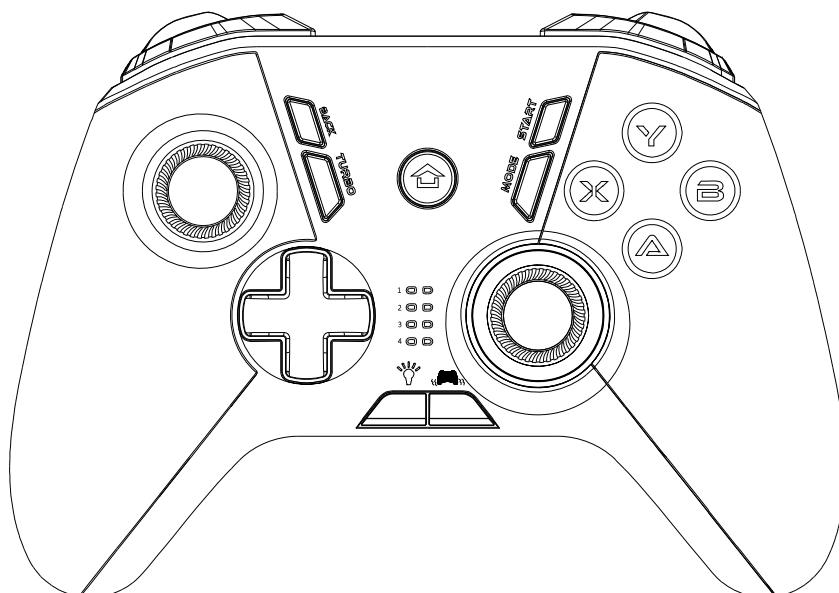
- 1.Controller connection OTG cable.
- 2.The OT G line is directly inserted into the USB port of the phone, and the LED2 + LED 3 is on.The connection is successful.
- 3.If it is not LED2 + LED3, hold the HOME key for 5 seconds until LED2 + LED3 is on.
- 4.Enjoy your game on your devices

### OTG CABLE



Note:

- 1.The mobile phone or tablet to support OTG function and use OTG cable connection.
- 2.The current android game does not support the controller vibration function.

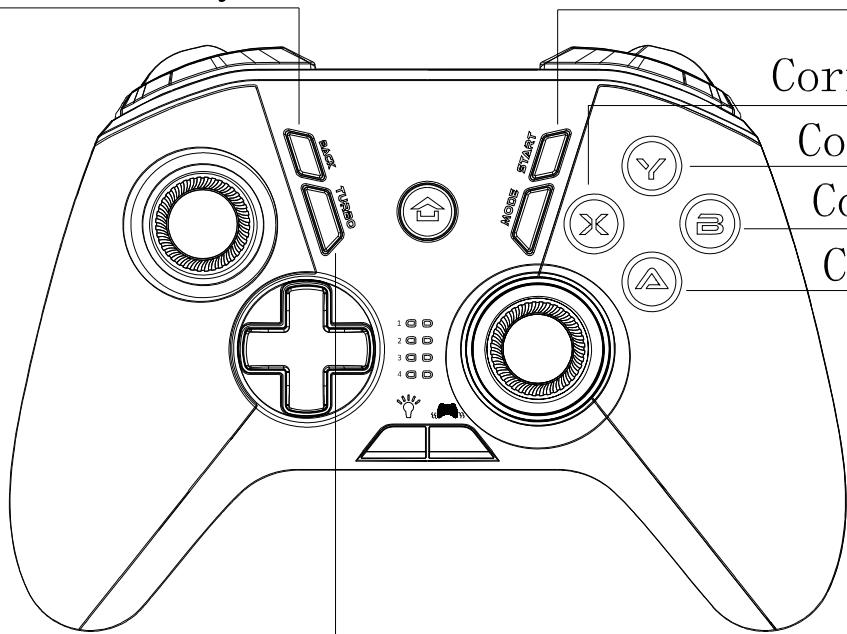


## The switch connection/pair Settings :

- 1.On your Nintendo switch ,select the menu item "Controller"-----"Change Grip and Order"
2. The receiver is directly inserted into the USB 2.0 port of the Nintendo host charging seat.
- 3.Press "HOME" button , channel LED1, LED2, LED3, LED4 flashing, in pairing.LED(s) normally on, the connection is successful.
- 4.Enjoy your game on your devices

## SWITCH mode key layout:

Corresponds - key



Corresponds + key

- Corresponds Y key
- Corresponds X key
- Corresponds A key
- Corresponds B key

Corresponds Capture key

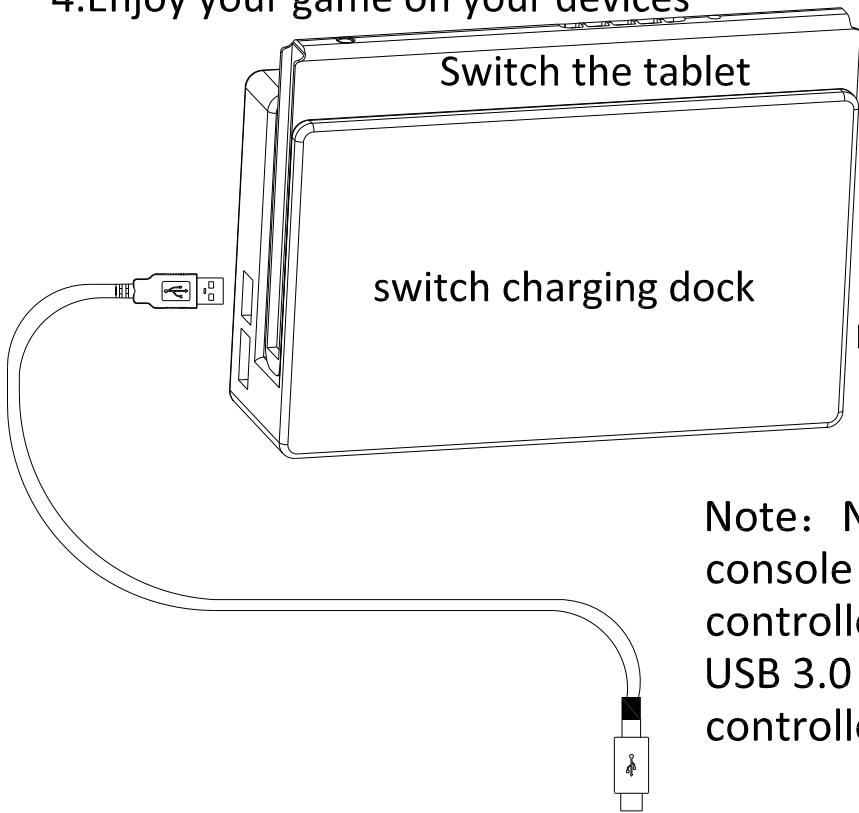
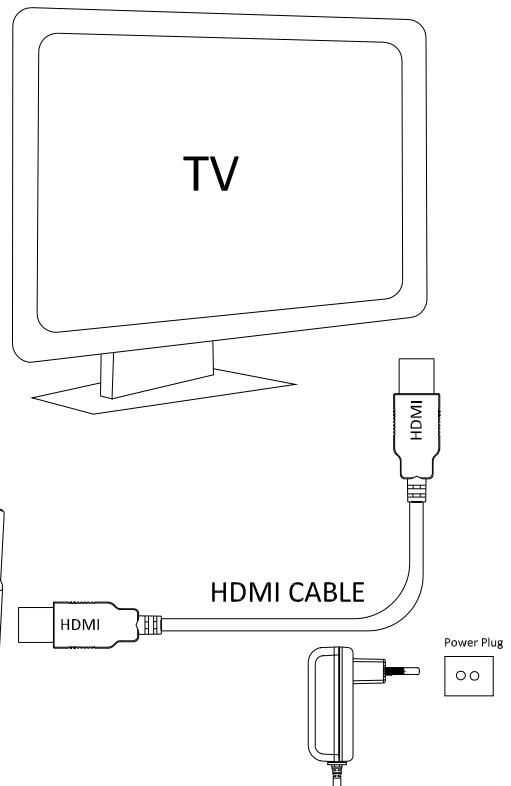
1. Default screenshot key on the switch host.
2. Switch host length video function.
- 3.Holding "R3" first +"capture" together, switch to TURBO key .
- 4.Press again, "R3 + Capture" button, you can switch "Capture" button.

## Channel LED:

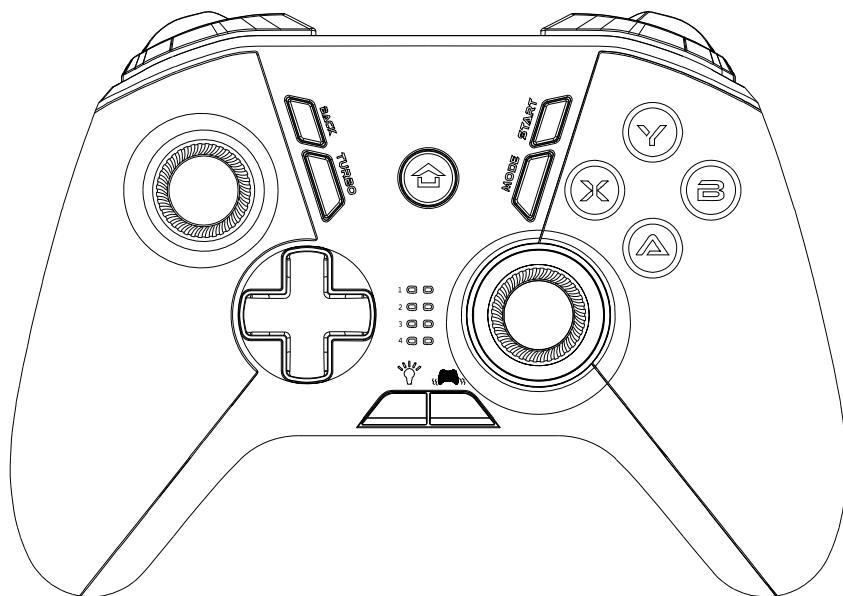
when the battery voltage is lower than 3.5 V, connected channel LED(s) flashing warning lower power, and close the vibration function.

## Use the cable connection Settings :

- 1.On your Nintendo Switch,select the menu item "System Settings"----"Controllers and sensors"----"Pro Controller wired Communication" is on.
- 2.Insert USB cable directly to the nintendo switch charging dock.
- 3.When channel LED stay on ,connection is successful .
- 4.Enjoy your game on your devices



Note: Nintendo Switch the console only support 2 wired controller.  
USB 3.0 does not support wired controller.



Channel indicate :

The switch can connect 8 controller:

The first controller: LED1 is normally on.

The second controller: LED1+LED2 is normally on.

The third controller: LED1+LED2+LED3 is normally on.

The fourth controller: LED1+LED2+LED3+LED4 is normally on.

The fifth controller: LED1+LED4 is normally on.

The sixth controller: LED1+LED3 is normally on.

The seventh controller: LED1+LED3+LED4 is normally on.

The eighth controller: LED2+LED3 is normally on .

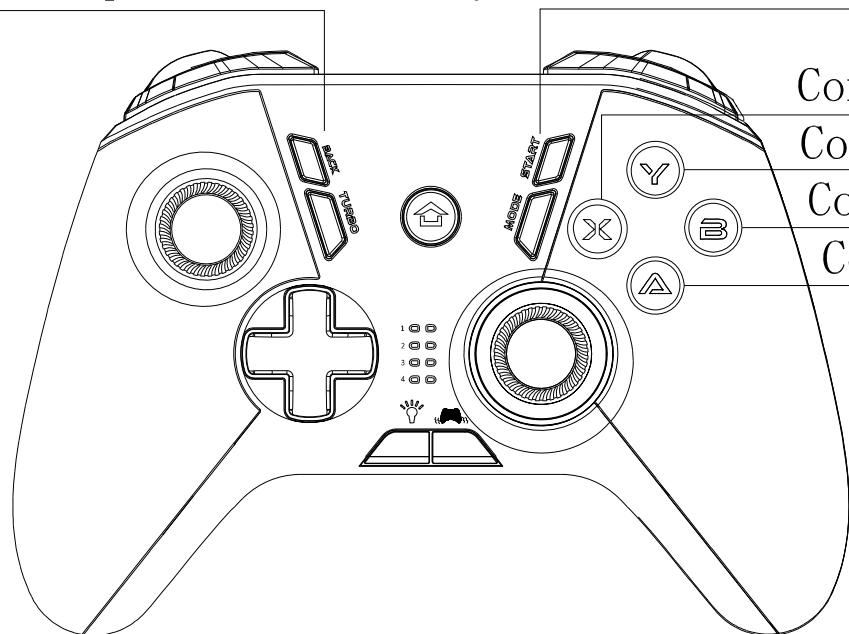
Player number	Glowing LEDs
1	• • • •
2	• • •
3	• • • •
4	• • •
5	• • • •
6	• • • •
7	• • •
8	• • • •

## PS3 wireless mode connection Settings :

- 1.Insert the receiver into the PS3 USB port.
- 2.Press "HOME" button , channel LED1, LED2, LED3, LED4 flashing, in pairing.LED(s) normally on, the connection is successful.
- 3.Press HOME to confirm

Corresponds SELECT key

Corresponds START key



Corresponds square key

Corresponds triangle key

Corresponds Circle key

Corresponds Cross key

### Channel LED:

If controller is paired, when the battery voltage is lower than 3.5 V, channel LED(s) flashing warning lower power, and close the vibration function.

### Channel indicate :

The PS3 console can connect 7 controller:

The first controller: LED1 is normally on.

The second controller: LED2 is normally on.

The third controller: LED3 is normally on.

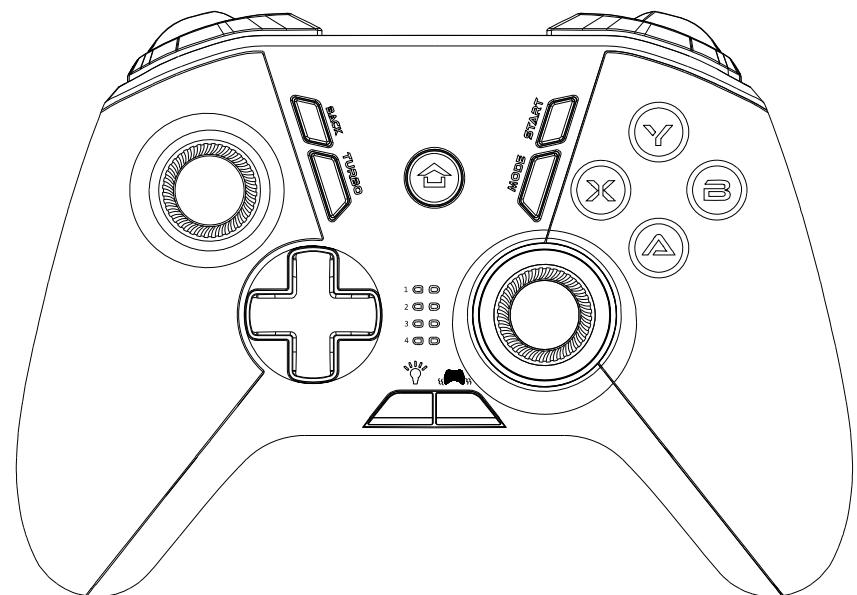
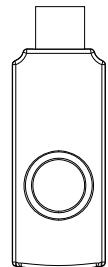
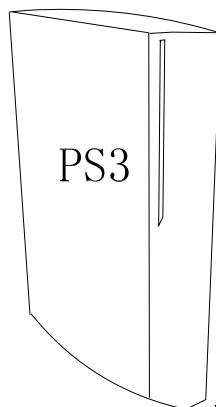
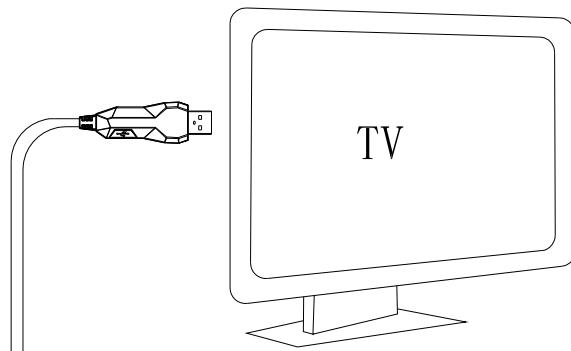
The fourth controller: LED4 is normally on.

The fifth controller: LED1+LED4 is normally on.

The sixth controller: LED2+LED4 is normally on.

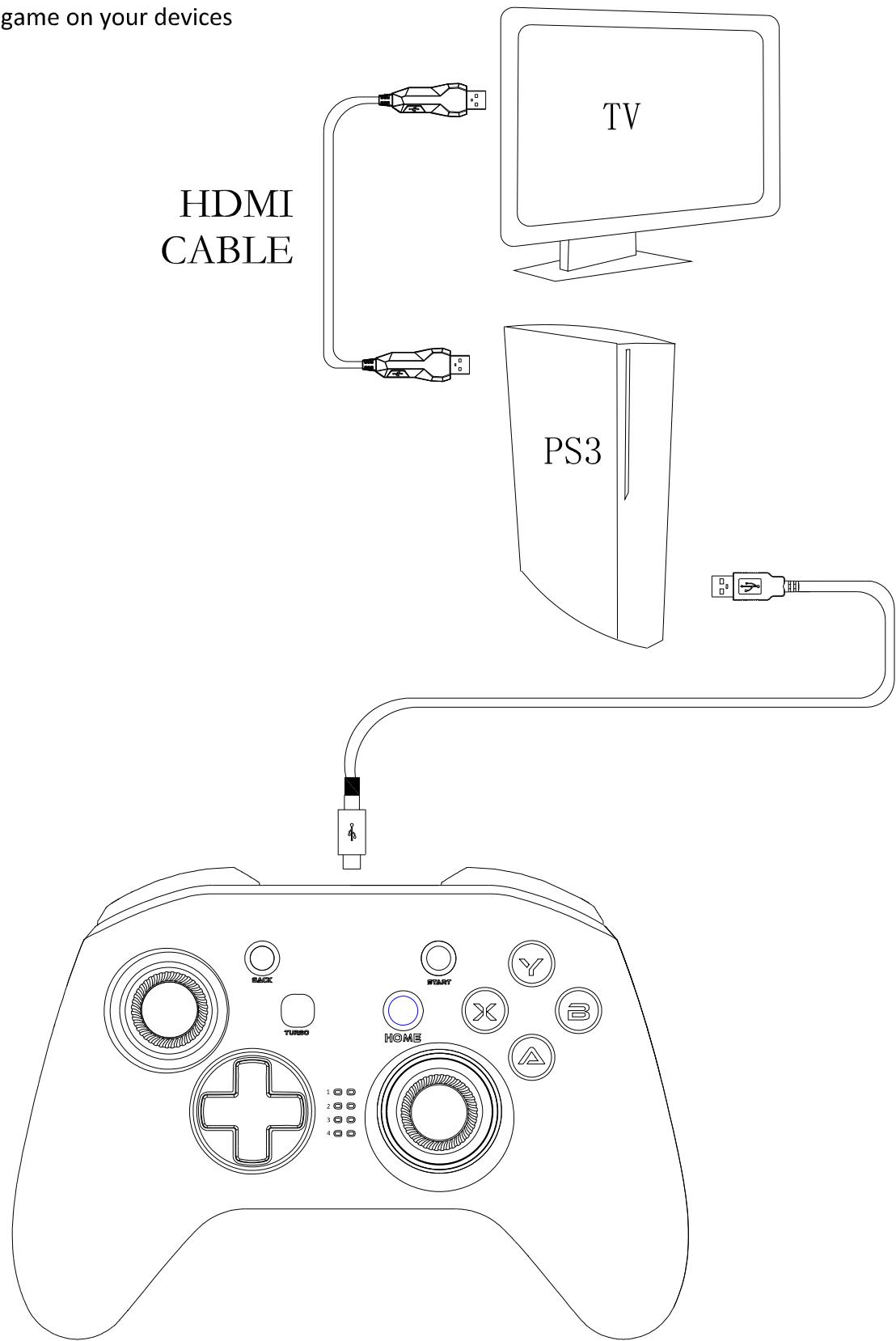
The seventh controller: LED3+LED4 is normally on.

HDMI  
CABLE



## PS3 wired mode connection Settings :

1. Insert the USB cable directly into the PS3 USB port.
2. When the LED is on, the connection is successful.
3. Press HOME to confirm
4. Enjoy your game on your devices



## FCC Caution.

### § 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.

### § 15.21 Changes or modification warning.

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

### § 15.105 Information to the user.

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.