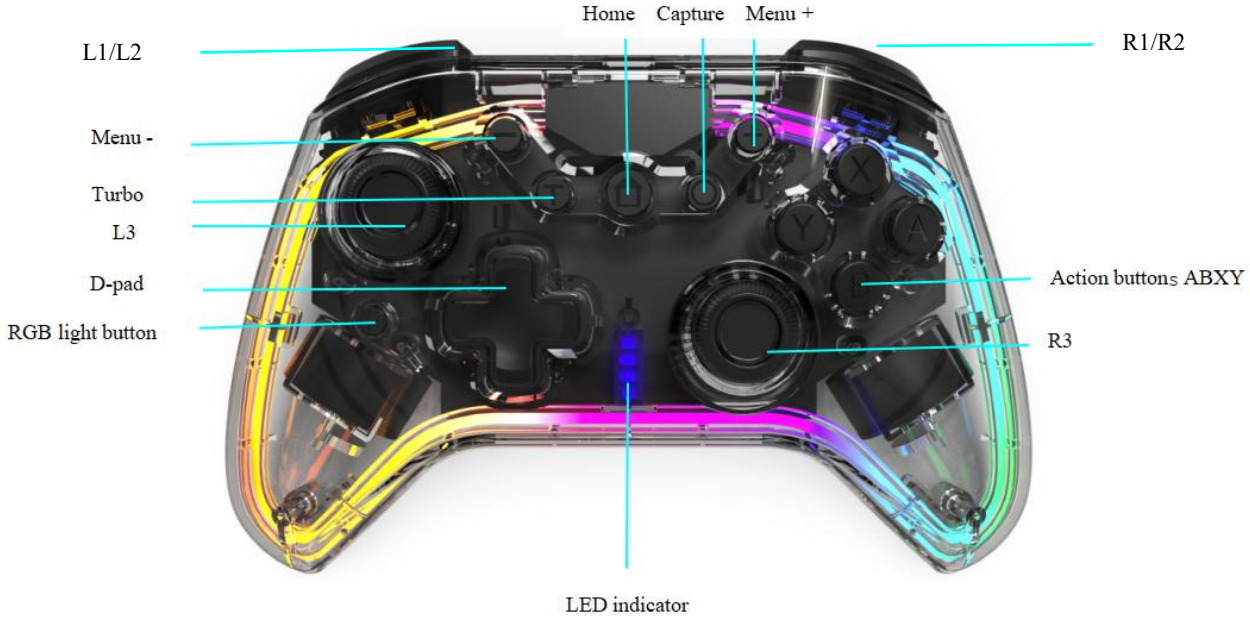
User Manual for Pro Controller for Nintendo Switch

1. Product description:

This is a Bluetooth game controller for Nintendo Switch. It connects to the console via Bluetooth communication. It also supports X-input.

2. Product features:

(1) Contains all the buttons and corresponding functions of original Pro controller. Adds Turbo speed control function and motor vibration strength control function.
(2) 4 blue LED status indicators.
(3) RGB neoglow backlight with a button to control
(3) Built-in dual vibrators and high precision analogue sticks.
(4) Built-in 6 axis gyroscope for fast and accurate target locking.
(5) Compatible with PC, supports X-input mode.

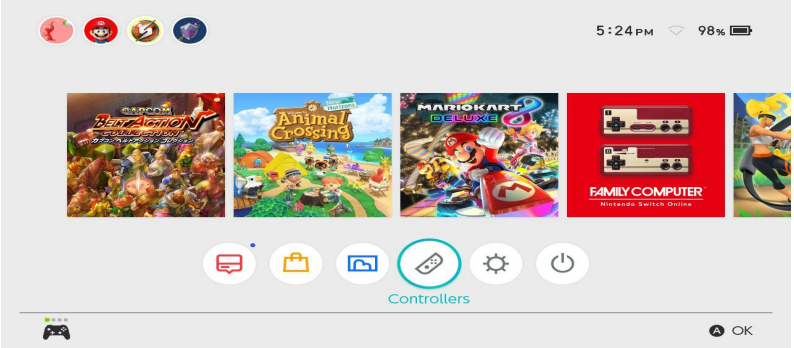


3. Operation instruction:

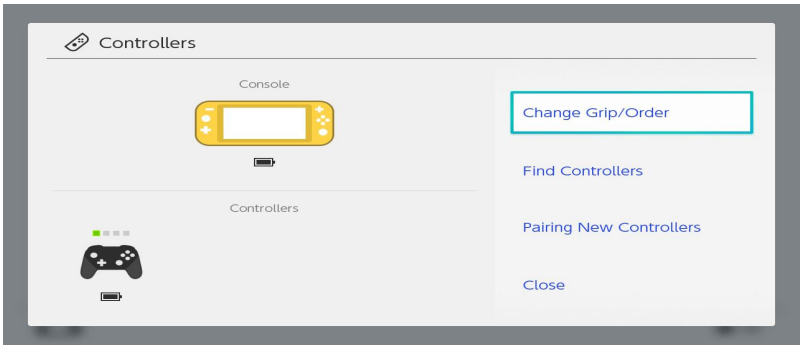
1). Switch console connection:

A. Power on the console, click house icon on the screen to enter the main menu, as below picture:

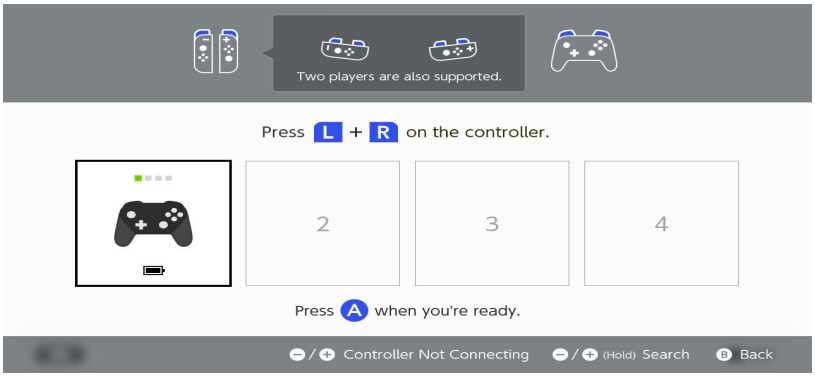
B. Click controllers icon on the main menu, as below picture:



C. Select “change grip/order”, as below picture:



D. Click “change grip/order”to enter the pairing interface. Press and hold “Y+Home” buttons for 3 seconds to establish pairing, 4 LED indicators flash in cycle,wait for 5 seconds until pairing succeeds and controller icon shows up on the screen, corresponding channel LED1 keeps on.



E. Re-connection: After the controller connected with the console once, press Home button, the controller will reconnect.

F. Awake-up: After the controller connected with the console once, and the console now is sleeping, press Home button, it will automatically awake up the console.

2) . PC wired connection:

A. X-input: Connect the controller to USB port of PC, system detects the controller, default X-input mode, LED1+LED2+LED3 keep on.

B. D-input: In X-input mode, press and hold Home button for 5 seconds, system converts to D-input, LED1+LED4 keep on.

3) . Android connection:

Press and hold “X+Home” buttons to establish pairing, LED1+LED4 fast flash, open the Bluetooth setting in your phone, search the device “STK-7039” and click to pair, LED1+LED4 keep on after pairing succeeds.

4) . IOS connection:

Press and hold “A+Home” buttons to establish pairing, LED1+LED2+LED3 fast flash, open the Bluetooth setting in your phone, search the device “Xbox Wireless Controller” and click to pair, LED1+LED2+LED3 keep on after pairing succeeds.

4. RGB backlight control instruction:

Press the light button to control the light mode. Three modes: breathing light mode, single light colors keep on mode, light off mode.

5. Vibration classification:

Press and hold L1+L2+R1+R2 for one second to adjust the vibration intensity, 100%>70%>30%>0 for option. Default 100% (LED1 keeps on for 100%, LED2 keeps on for 70%, LED3 keeps on for 30%, LED4 keeps on for 0%) . This function keeps valid only in Switch mode.

6. Turbo setting:

Turbo+fire button once, entering the manual state
Turbo+fire button twice, entering the auto state
Turbo+fire button three times, entering the disabled state

Press and hold Turbo button for 5 seconds to disable all turbo. 4 LED indicators flash 3 times and vibration indicates the clearance is complete.

Turbo frequency levels:
Turbo+D-pad up: Fast Turbo frequency, approximately 20 times per second
Turbo+D-pad down: Slow Turbo frequency, approximately 5 times per second
Turbo Medium frequency, approximately 10 times per second

During Turbo Auto working state, the frequency of LED indicators flash bases on the Turbo frequency level: Fast-Medium-Slow

7. Gyroscope sensor calibration:

Offline calibration: In the state of controller power-of, place the controller on a horizontal table, press and hold “-”+B+Home, LED1、LED2、LED3、LED4 flash in alternate, press “+” button to confirm calibration, the LED indicators are OFF in 3 seconds.

8. Charging indication:

Under the condition that the controller is not connected with the console, 4 LED indicators flash during charging and turn to OFF after full charge.
Under the condition that the controller is connected with the console, the corresponding channel LED indicator flashes and keeps on after full charge.

9. Auto-sleep:

The controller automatically enters sleep state after the console is sleeping
The controller automatically enters sleep state if there is no any operation within 5 minutes.

10. Power-off:

Press and hold the Home button for 5 seconds to power off the controller
Power off the controller by pressing the Reset button on the back
Voltage <3.6V: LED1 flashes
Voltage <3.5V: The controller is power-off

11. Technical parameters:

Sleeping current： <20uA
Working current：about 25mA
Working voltage：3.0V
Input voltage：DC 4.7~5.5V
Charging current: about 450mA

FCC Warning:

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.

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.

The device has been evaluated to meet general RF exposure requirement.