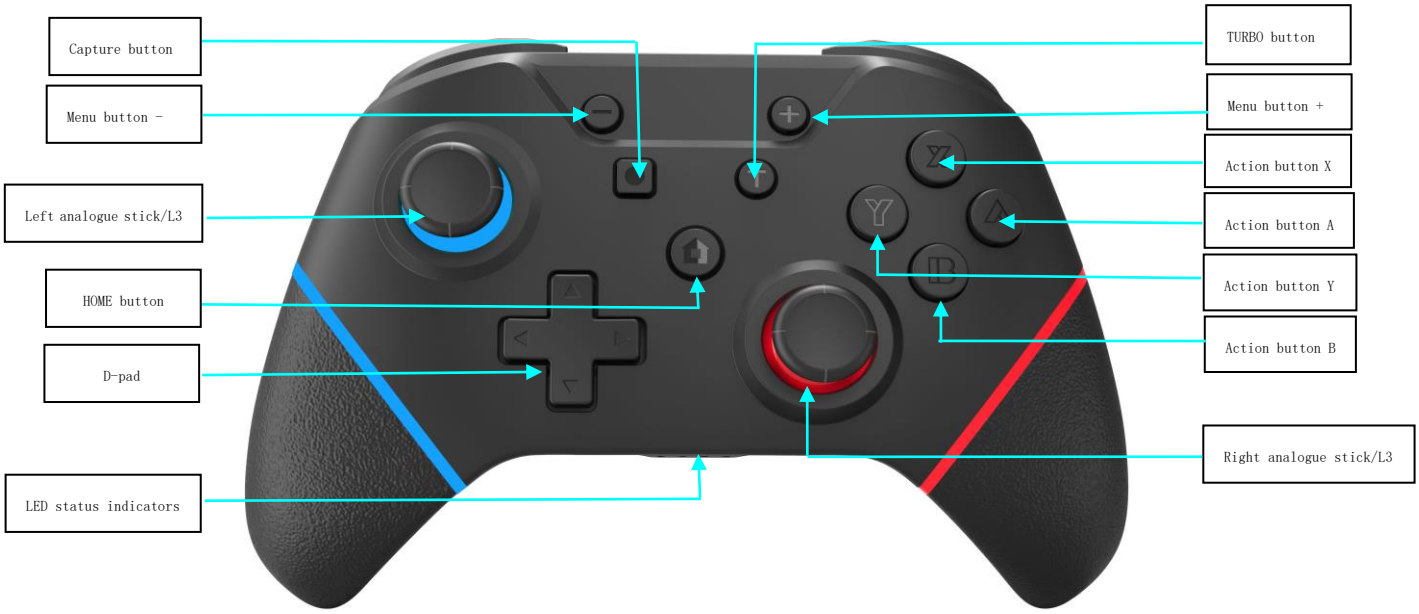
User Manual for Bluetooth Pro Controller for Nintendo Switch

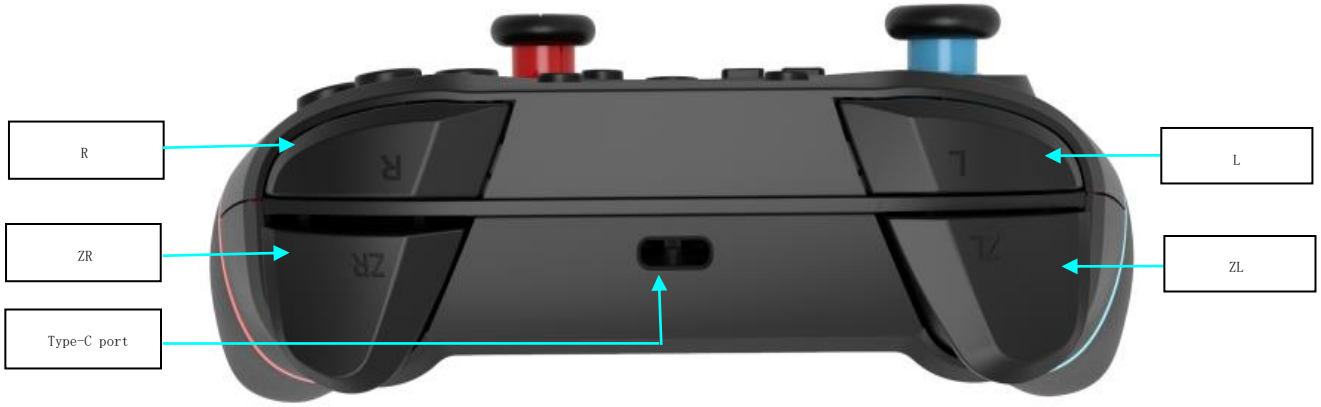
1. Product description:

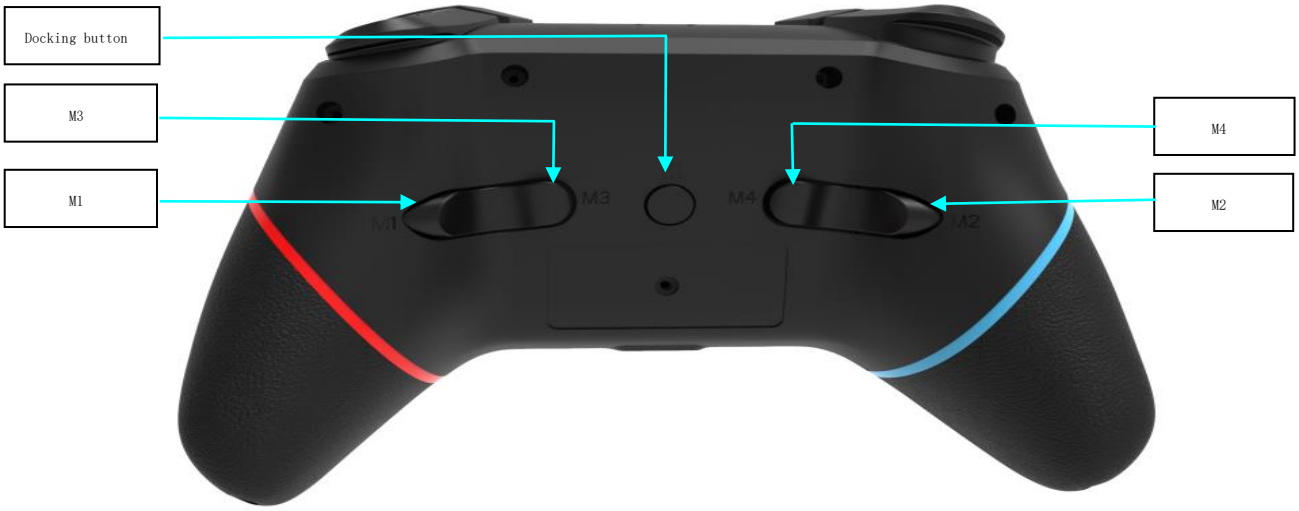
This is a Bluetooth game controller for Nintendo Switch. It connects to the console via Bluetooth communication, but also works via wired connection.

2. Product features:

(1)Contains all the buttons and cooresponding functions of original Pro controller. Adds Turbo speed control function and motor vibration strength control function.
(2)Provide 4 green LED status indicators.
(3)20 function buttons input. Docking button is convenient for first pairing and power-off.
(4)Built-in dual vibrators and high precision analogue sticks.
(5)4 mapping buttons M1,M2,M3,M4 on the back, with 4 groups of state for option.
(6)Built-in 6 axis gyroscope for fast and accurate target locking.







3. Functions description:

(1) Connection way to the game console: ①Wired connection: By USB cable. ②Wireless connection: By Bluetooth communication.

(2) Wireless Bluetooth connection: For 1st pairing, press and hold Docking button for 3 seconds until 4 LEDs flash. Enter the pairing screen of the console, start pairing, the controller works after pairing succeeds and corresponding LED keeps illuminating. If pairing fails, the controller will automatically enter sleep mode after 60 seconds.

(3) Guided Bluetooth connection by cable: Connect the controller to the console by USB cable, press any button of the controller to awake up the controller, unplug the cable, controller automatically connnect with the console.

(4) Docking button operation: Press and hold docking button for 3 seconds, 4 LEDs flash, the controller is into pairing state. In power-on state, press docking button to turn off the controller.

(5) Connect the controller to PC by USB cable, the display name of the device is Xbox 360 Controller （The PC needs to be installed the Xbox 360 driver）, achieve Xbox 360 functions.

(6) The controller does not support upgrade on console. To upgrade the controller, please contact us for the updater and upgrade the controller on PC. (If firmware of the console updates and it impacts our controller, please contact us to get the updater and upgrade the controller.)

(7) The controller supports Turbo function. Press and hold any button you want to program it as turbo feature, such as A/B/X/Y, press Turbo button to activate turbo feature for the button you hold. Repeat above step to cancel the turbo feature. Press and hold Turbo button, operate UP or DOWN on RIGHT analogue stick to adjust the speed of Turbo (UP: to make it faster. DOWN: to make it slower).

(8) Press any button (except L3/R3/TURBO/M1/M2/M3/M4) to awake up the game controller, it enters reconnect state, 4 LEDs flash. If previous pairing is not clear away, it will automatically reconnect to the console.

(9) Controller buttons includes UP/DOWN/LEFT/RIGHT/A/B/X/Y/L/R/ZL/ZR/L3/R3/-/+/TURBO/HOME/CAPTURE/DOCKING 20 functional buttons, 4 mapping buttons M1/M2/M3/M4 and 2 analogue sticks.

(10) The controller with built-in motors, you can manually turn on or turn off the vibration function in Setting option on the console. It also supports vibration intensity adjustment. In connection state, press and hold Turbo button, operate UP or DOWN on LEFT analogue stick to strengthen or weaken the vibration intensity. After operation, there is a 3 seconds vibration prompt and there are 4 gears for option:100%-70%-30%-0%.

(11) There are 4 mapping buttons M1/M2/M3/M4 with 4 groups of state for option on the back of the controller. Three groups with mapping functions: Firstly, M1-A, M2-B, M3-X, M4-Y. Secondly, M1-R, M2-L, M3-ZR, M4-Z. Thirdly, M1&M3-R3, M2&M4-L3. The fourth group without functions, M1/M2/M3/M4 without functions output. In the state of connection with console or PC, press and hold Turbo button, then press menu button -, it switches to another state. Default setting for these 4 mapping buttons is: M1-A, M2-B, M3-X, M4-Y.

4. Charging:

LED indicators flash during charging by adapter and turn to off after full charging.
If controller is charging in connection state, corresponding channel LED indicator slowly flashes and keeps illuminating after full charging.

5. Low voltage alarm:

When the battery voltage is less than 3.6V, corresponding channel LED indicator flashes to indicate low energy and controller needs to be charged.

6. Standby:

When the controller is powered on, press Docking button to make it standby.
When the controller is in pairing state, it automatically stand by if pairing fails after 60 seconds.

7. Reset function:

Docking button can be used to reset the controller if it is abnormal.

8. Working range:

Working range within 10m.

9. Referenced current:

Sleep current: <2uA
Pairing current: <20mA
Working current without vibration: <20mA

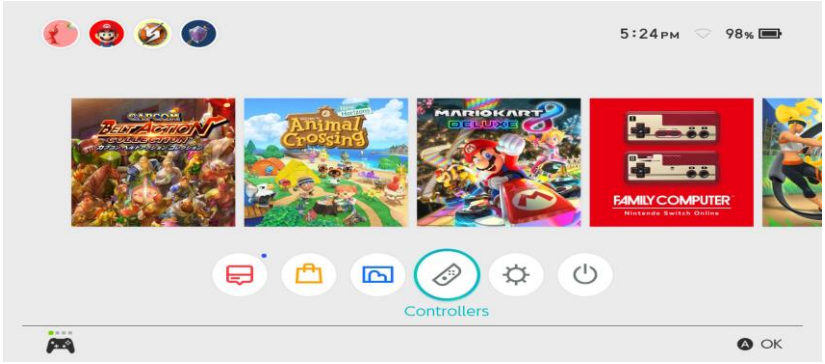
10. Electrical specifications:

Power supply: Built-in polymeric Li-ion battery
Working time: 8-10 hours
Battery capacity: 500mAh Charging time: 2.5 hours
Charging voltage: DC5V Charging current: 200MA

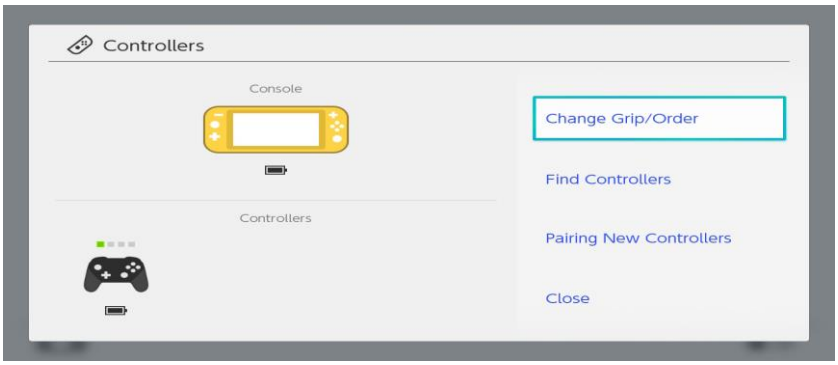
11. Instruction for pairing:

1). Switch on the console, click house icon on the screen to enter the main menu, as below picture:

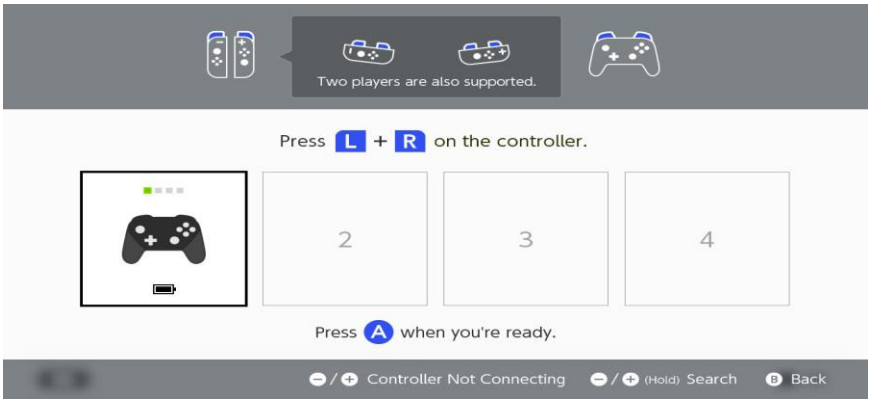
2). Click controllers icon on the main menu, as below picture:



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



4). Click “change grip/order” to enter the pairing interface. Press and hold Docking button for 3 seconds to establish pairing, 4 LED indicators flash, release your hand, wait for 5-30 seconds until pairing succeeds and controller icon shows up on the screen, corresponding channel LED indicator keeps on.



12. Gyroscope sensor calibration:

In sleep state, press and hold L3, then press button R, LED indicators flash from left to right in cycle, the controller enters calibration mode. Place the controller on a horizontal table, press button +, 4 LED indicators illuminate and are off in 3 seconds, now calibration finishes and controller comes back to sleep state.

13. Factory mode setting:

In sleep state, press and hold L3&R3, then press Docking button, 4 LED indicators illuminate, the controller enters factory mode setting. Controller comes back to sleep state after loosing the Docking button. (Note: In factory mode, the function to awake up the controller by any button is closed, which can avoid the controller is in connection state during packing and transport.)

14. Factory mode exit:

In factory mode, press Docking button on the back of the controller to power on it. Press and hold

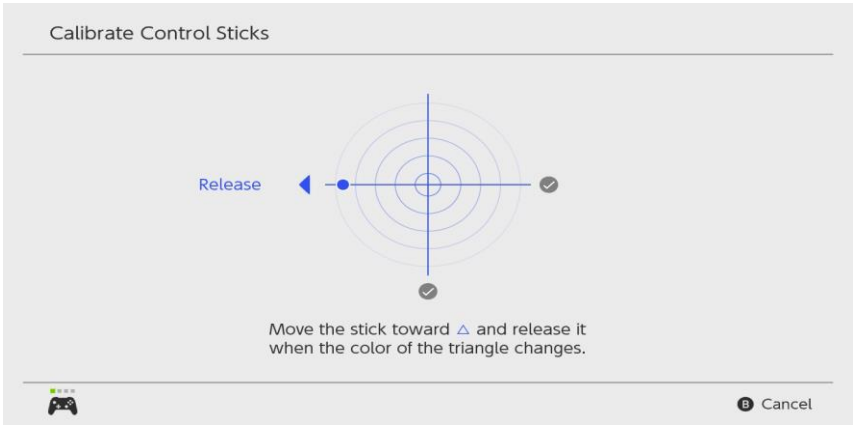
Docking button to establish a successful pairing with the console, the controller automatically exits factory mode, now the function to awake up the controller by any button is activated.

15. Gyroscope sensor calibration:

After the controller successfully connects with the console, return to the main menu, click System Settings to enter the Setting menu. Scroll down the Settings menu, select “Controllers and Sensors” option, scroll up the menu list and click “Calibrate Motion Controls”, select “Calibrate Controllers” on the pop-up menu to enter the controller calibration screen. Place the controller on a horizontal table and follow the screen instructions, press and hold button - or + on the controller to end the calibration. Calibration screen as below picture:

16. 3D analogue sticks calibration:

After the controller successfully connects with the console, return to the main menu, click System Settings to enter the Setting menu. Scroll down the Settings menu, select “Controllers and Sensors” option, scroll up the menu list and click “Calibrate Control Sticks”, press down the stick that you want to calibrate, enter the calibration screen, press button X on the controller, prompt menu appears, press button A on the controller to confirm calibration, enter the Sticks calibration screen, please follow the screen instructions to operate the stick UP,DOWN,LEFT,RIGHT,CIRCLE in turn.Calibration screen as below picture:



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.

* RF warning for Portable device:

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

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.