



**ACEGAMER**

# ***NO.* *AURORA*** PC Wireless Game Controller

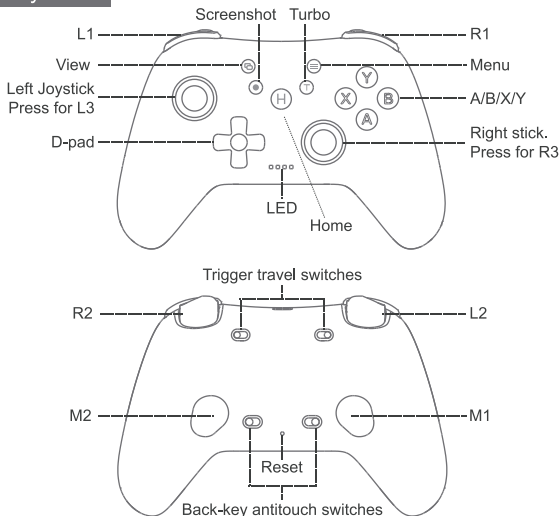
## Product Manual



## Product Description

This product is a PC game controller, compatible with N-S series console. Built-in six-axis chip, suitable for somatosensory games; equipped with high-precision Hall rocker and dual voice coil motor; with receiver.

## Key Icons



## Product Parameters

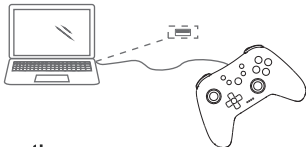
Input voltage: DC 5.0V	Charging time: 2-3 hours
Operating current: 80 mA	Vibration current: $\leq 140$ mA
Sleep current: $\leq 20$ uA	Charging current: about 450 mA
Battery capacity: 1000 mAh	Data cable: Type-C
Operating time: $\geq 10$ hours	Wireless connection distance: $< 10$ m
Weight: $213 \pm 2$ g	Dimensions: 155 x 103 x 60 mm

## ▶ PC connection

### \*wired connection

Wired connection to PC supports X-input mode and N-S Pro mode.

The controller has a wired plug USB connection to PC, recognized as X-input mode, LED2 lights up; simultaneously press and hold the view and menu keys for 3 seconds to switch to N-S Pro mode ( controller short vibration prompt ), LED1 lights up; controller shutdown will save the PC wired mode settings, the factory setting for X-input mode.



### \*Bluetooth connection

Bluetooth connection to PC supports X-input mode and N-S Pro mode.

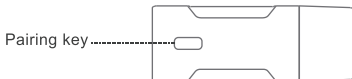
X-input mode: Long press the controller HOME button for about 3 seconds for Bluetooth pairing, open the PC's Bluetooth search, click to connect to the "Xbox Wireless Controller", the LED2 light will turn on after successful Bluetooth pairing.

N-S Pro Mode: Long press the controller HOME+Y button for 3 seconds for Bluetooth pairing, open PC's Bluetooth search, click to connect to "Pro Controller", the LED1 light will be on after successful pairing.

### \*Receiver Connection

Press and hold the controller A button, then press the HOME button for about 3 seconds for receiver pairing, the controller LED1 and LED3 lights flash fast, insert the receiver into the device, press the pairing button of the receiver, after pairing successfully the controller LED2 lights up for X-input mode, long press the controller view and menu button for 3 seconds to switch to N-S Pro mode, the LED1 lights up, and the vibration of the controller prompts 0.5s.

After receiver platform mode switching, with shutdown save function, the controller is factory set to X-input mode. The controller is connected to the receiver again, you can press HOME button to connect back, LED1 and LED3 lights flash slowly. Insert the device, the receiver starts to connect back, if the controller is not connected within two minutes, the light will be turned off, at this time the receiver still has to be in the state of connecting back, click the button light up and flash fast, enter the pairing mode.



## ► N-S connection

Turn on the console, enter the wireless pairing mode of the controller, long press the controller HOME+Y button for 3 seconds, enter the pairing state, 4 LED lights are flashing, the controller is connected to the console, the console icon appears on the host screen, and the channel light of the controller will light up;

## ► Functional adjustment

### \* ABXY key-value interchange

The game controller defaults to XBOX mode, when connecting to the N-S console, if you need to switch keys, press and hold the TURBO+Screenshot button for 3 seconds, the controller short vibration tip, set up and shut down without saving.

### \*Vibration adjustment

The game controller has 4 vibration intensities: 100%, 80%, 50%, and 0%; the power-up default is 100%:

When you hold down the Turbo key and push the left joystick up (down), the intensity will increase (decrease) by one notch.

### \*Turbo adjustment

Continuous function: the first time you press and hold the setup button and then press Turbo, that is, semi-automatic Turbo, the second time you operate it, you will enter the full-automatic continuous function, and the third time you operate it, you will cancel the continuous function. After setting, the power off will not be saved, and the power on will have no burst function by default.

The function keys that can be set to connect include A/B/X/Y/L1/R1/L2/R2 (M1 and M2 keys are not set).

Turbo+ right rocker push up and down can adjust Turbo speed, 5Hz-->12Hz-->20Hz adjustable, power on default 12Hz.

### \*Six-axis calibration

When the controller is in hibernation state, first press the view button and Home button for 3 seconds, the controller indicator LED1-2/LED3-4 will blink left and right, and it will enter into sensor calibration mode, put the controller in the horizontal position, and then press the menu button and release it, the controller will enter into calibration, and after the calibration is finished, the 4 LEDs will light up for 2 seconds and then it will enter into hibernation automatically.

### \*Disable the diagonal function of the arrow keys

In order to prevent the keys from being connected and misused in the game, this game controller is set to close the diagonal direction function of the arrow keys: when the game doesn't need the diagonal direction function of the arrow keys, you can long press the TURBO + "up" key for 3 seconds (the controller will short press the TURBO + "up" key) to close the diagonal function, which can prevent the function from being misused during the operation. When the game does not need the diagonal direction function of the arrow keys, you can long press TURBO + "up" button for 3 seconds (the short vibration of the joystick prompts) to turn off the diagonal direction function, which can avoid the function from being released by mistake.

## \*Trigger travel switches

Trigger key with travel switch, pulling the switch sets the trigger for full and half travel.

## \*Rocker, trigger manual calibration

In the controller power on state, long press View+Menu+HOME key for about 2 seconds to enter the calibration mode, at this time, the controller LED1 and LED2 flash alternately, LED3 and LED4 flash alternately, press the left and right triggers (L2/R2 key) to the lowest state for 2-3 times, and then shake the left and right 3D rockers to rotate 2-3 times clockwise or counterclockwise, record the trigger of the controller. Press the "A" key again, the indicator light will return to normal, and the trigger and rocker calibration will be completed.

## \*FPS mode

In order to optimize the gaming experience of FPS players, this game controller is set up with professional joystick no dead zone mode: in the state of connecting machine, long press TURBO + L3 key (or R3) for 3 seconds (short vibration of the handle prompts), to open the no dead zone mode (the left and right joysticks are set up individually), and shut down the machine without saving after the setup.

## Macro Programming Functions

Programmable keys	Joystick, Arrow keys, View, Menu, ABXY, L1/R1/L2/R2/L3/R3
Programming Settings	<p>① Press and hold the TURBO and M1 (or M2) keys at the same time for about 2 seconds (short vibration of the controller prompts), the channel light will flash slowly, and the M1 (or M2) key will enter the programming state.</p> <p>② Press the action key to be programmed, the channel light will flash three times rapidly to indicate that the key has been recorded. The entered key will be recorded according to the input interval time; (the input interval time exceeding 15 seconds will automatically exit the programming state, the indicator light will return to the previous state, and this programming will not be recorded and saved)</p> <p>③ After the end, press the M1 key to exit (if you enter the programming by pressing M2, you need to press M2 to exit), the handle short vibration prompts, the channel indicator light is always on (wired connection state controller is charging, the indicator light back to the charging state of the blinking frequency) (each group of macro programming only programmable 25 action keys)</p> <p>④ After the M1 key (or M2) setting is completed, pressing the M1 key (or M2) will output the function according to the interval time entered between action keys during programming.</p>
Clear Programming	<p>① Press and hold the TURBO and M1 (or M2) keys at the same time for about 2 seconds, the controller short vibration prompts, the channel light flashes slowly, and the M1 (or M2) key enters the programming state.</p> <p>② Without inputting any key, press the M1 key again (if you are pressing M2 when entering programming, you need to press M2 at this time) to clear the programming function of the back key, the controller short vibration prompts, and the channel light returns to the previous state.</p>
Memory Function	Programming keys with shutdown memory, M1 and M2 keys factory set to M1=A, M2=B.
Macro Programming Cycle	After programming the macro function of the back key, press "Screenshot" + "M1" (or M2) at the same time, it will cycle the macro function of the key, and then operate once more to cancel the cycle, and turn off the machine without saving.
Preventing False Touches	The back button has an anti-false-touch switch, and pulling the switch restricts the back button from being pressed.

## ■ Rocker aperture light effect adjustment

- ① Press and hold TURBO, single tap the menu button, the light effect is blue, red, green, yellow, orange, pink, purple seven monochrome plus a mixed color (4 LED for the upper left corner of the red, lower left corner of the blue, upper right corner of the yellow, right corner of the green), a total of 8 kinds of, press once for a kind of color cycle switching;
- ② Press and hold TURBO, double tap the menu button, the light effect is a mixed-color aperture (yellow, blue, red, green) running lights, left 3D clockwise running lights, right 3D counterclockwise running lights. Second press and hold TURBO, double tap the menu button, the light effect is mixed color (4 LEDs are red in the upper left corner, blue in the lower left corner, yellow in the upper right corner, and green in the lower right corner) breathing light. Press and hold TURBO again and double tap the Menu button, it will close the aperture. (After the aperture is closed, the next time you press and hold TURBO, single or double tap the Menu Key, the aperture will be opened and the corresponding light effect will be displayed)
- ③ Press and hold TURBO, long press the view key and do not let go, the light brightness will cycle from dark to bright, release the view key, it will be set to the current brightness. When carrying out the above operations, there are 0.5 seconds vibration prompt, the controller will remember the state of the adjusted light effect, the factory setting for mixed-color aperture running lights, light brightness of 70%.

## ■ Power off/charging/low battery alarm

statuses	Instructions
Shut down	When the game controller is in Bluetooth pairing state, if the pairing fails for more than 60 seconds, the game controller will automatically shut down and hibernate. When the controller is turned on with no action for 5 minutes, the controller will automatically go into hibernation;
	After the gamepad is connected to the device, when the console is hibernated, the controller will also be hibernated following the N-S console; when the controller is in the back-connect state for about 15 seconds without a successful back-connect, the controller will be automatically hibernated; the controller will not be hibernated when it is set up with full-automatic TURBO action and macro function cycles.
Recharge	When the controller is not connected, the controller channel light indicator blinks when the handle is charging, and the full light goes out. With the controller connected to the controller, the currently connected channel light indicator blinks while the controller is charging, and the full light is always on.
Low battery warning	When the battery power of the controller is lower than 10%, the current channel indicator light flashes to indicate low power, and the controller needs to be charged; when the battery power is as low as 3.45V, the controller will automatically shut down.

## Security instructions

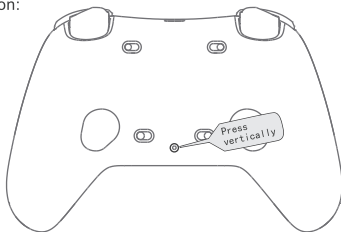
1. Please read this manual carefully before use to familiarize yourself with operation and adjustment.
2. The product must not be disassembled privately.
3. It is strictly prohibited to put the product in fire or water to avoid explosion.
4. The charging source is 5V/2A charging cable, non-standard charging equipment is not applicable to this product.

## Reset

If your game controller fails to pair, is not responding, or just displays a blinking light, follow these steps to reset it.

1. Turn off and unplug the game controller.
2. Locate the Reset button on the back of the game controller near the programming buttons.
3. Press the button with a small unfolded paper clip or small tool (the button is inside a small hole).
4. This will reset the game controller with one click.

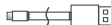
Operation Illustration:



## Packing List



game controller



Rechargeable Data Cable



Product Manual



Receiver