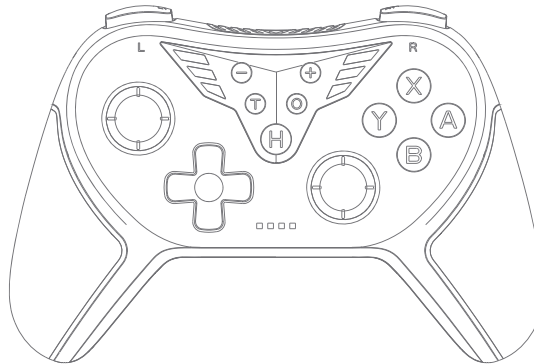# N-S/PC Wireless Controller

Model No.: T-43
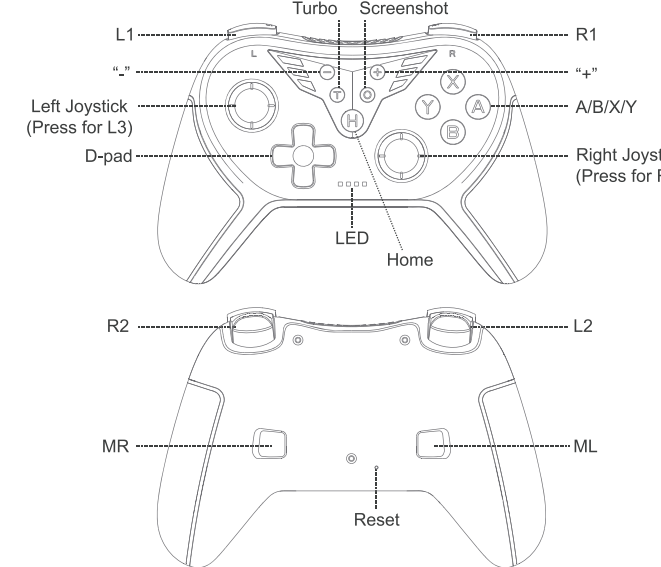
Product Manual

Product Description

This product is a wireless gamepad for N-S/N-S Oled/N-S Lite console and PC, with built-in 6-axis gyroscope, suitable for somatosensory games, can be remote-controlled from a distance, easy to operate, Equipped with a split high-precision linear Hall sensor and dual vibration motors, 5.0 Bluetooth; with editable macros, the product adopts a minimalist ergonomic design, and is equipped with the function of waking up the host to help you better enjoy the game.

Icon

Turbo   Screenshot

L1   R1
"-"   "+"
Left Joystick   A/B/X/Y
(Press for L3)
D-pad   Right Joystick
                               (Press for R3)
                    LED
                   Home
R2   L2

MR   ML

Reset

Product Parameters

Input voltage: DC 5.00V	Charging time: 2-3 hours
Operating current: 20 mA	Vibration current: < 100 mA
Sleep current: < 10 uA	Charging current: approx. 320 mA
Battery capacity: 550 mAh	Data cable: Type-C
Operating time: ≥ 10 hours	Wireless connection distance: < 10 meters
Weight: 210 ± 2 g	Dimensions: 155 x 104 x 62 mm

N-S Connection

*Bluetooth connection

Step 1: Turn on the main unit and enter the wireless pairing mode of the main unit: Click the [Joystick] button → [Change Grip/Order] on the home page;

Step 2: Long press the joystick HOME for 3 seconds to enter pairing mode, the 4 LEDs flash in white, the joystick is connected to the host computer, the joystick icon appears on the host computer screen, and the joystick assignment channel light will be on;

Step 3: The host assigns the joystick channel lights as: User1(LED1), User2(LED1-2), User3(LED1-3), User4(LED14).

*Wired console base connection

(Connect monitor): Wired TYPE-C cable and console base USB connection, press any function key of the gamepad, the console will respond to the controller to connect the console.
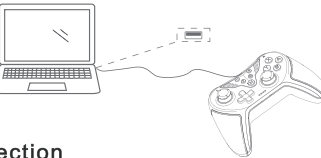
*Reconnect and Wakeup

Back to connect mode: when the controller and the console has been connected once to be memorized, the console in the boot state, you can press the HOME button, the handle lights up, will automatically connect to the console.

Wake up the console: the current controller has been connected to the console and in the case of the console body sleep, press the controller HOME button back to the console connected state, the console screen lights up.

PC Connection

*Wired connection

The controller is connected to PC by USB cable and recognized as N-S Pro mode, LED1 white light is on, press and hold down "-" and "+" keys simultaneously for 3 seconds to switch to X-input mode (controller short vibration tip), X-input mode, LED2 white light is on, press and hold "-" and "+" key simultaneously again for 3 seconds to switch to D-input mode (joystick short shock prompt), D-input mode LED3 white light is on, The factory setting is N-S Pro mode,

*Bluetooth connection

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

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

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

Vibration adjustment

The controller has 4 types of vibration intensity: 100%, 80%, 50%, 0%; the default is 100%.

1. When you press and hold the Turbo key and push the left joystick upward, the intensity will increase by one notch:

0%-50%-80%-100

2. The intensity decreases by one notch when you press and hold the Turbo key and push the left joystick down:

100%-80%-50%-0

Turbo Adjustment

Continuous function: the first time you press and hold the setup key 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.

The function keys that can be set to connect include A/B/X/Y/L1/R1/L2/R2 (ML, MR 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 handle is in hibernation state, first press the "-" key to keep it unchanged, then press the Home key, the handle indicator LED1<2<LED3<4 blinks around and enters into the sensor calibration mode, put the handle in the horizontal position, then press the "+" key and release it, the handle enters into the calibration, and after the calibration is finished, the 4 LEDs will light up for 2S and then enter into the hibernation mode automatically.

Macro Programming Function

Program-mable keys	Joystick, D-pad, -, +, ABXY, L1\R1\L2\R2\L3\R3
Programming Settings	① Press and hold the TURBO and ML (or MR) keys at the same time for about 2 seconds (prompted by a short vibration of the joystick), the channel light will flash slowly and the ML (or MR) key will enter the programming state, 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, (input interval time more than 15 seconds automatically exits the programming state, the indicator lamp will return to the previous state, and this programming will not be recorded and saved) ③ After the end, press the ML key to exit (if you enter the programming is to press MR, you need to press MR to exit), the controller 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). (Only 2S action keys can be programmed for each set of macro programming) ④ After the ML key (or MR) setting is completed, pressing the ML key will output the function according to the interval time entered between action keys during programming,
Clear Programming	① Press and hold the TURBO and ML (or MR) keys at the same time for about 2 seconds, the joystick vibrates to prompt, the channel light flashes slowly, and the ML (or MR) key enters the programming state, ② Without entering any key, press the ML key again (if you are pressing MR when entering programming, you need to press MR at this time) to clear the programming function of the back key, the joystick vibrates to prompt, and the channel light returns to the previous state
Memory Function	Programming keys with shutdown memory, ML and MR keys factory set to ML+A, MR+B,
Macro Programming Cycle	After programming a macro function on a back key, pressing the "Screenshot" + "ML" (or MR) keys at the same time will cycle the macro function for that key, and the cycle will be cancelled by another operation.

Oblique direction closing function

In order to prevent misuse of the keys in the game, the gamepad is equipped with a function to turn off the diagonal direction of the arrow keys:

When the game does not need the diagonal direction function of the arrow keys, you can long press the TURBO + "up" key for 3 seconds (the short vibration of the joystick prompts) to turn off the diagonal direction function, so as to avoid misuse of the function during operation.

(Example: When the left button is triggered, the up and down buttons will be blocked, i.e., one of the arrow buttons will be triggered, and the other buttons will be invalid until the button is released),

ABXY key swapping

For the convenience of players who need xbox layout, this gamepad can change A-B position, X-Y position:

Press and hold TURBO+Screenshot button at the same time for 3 seconds (short vibration prompt of the joystick), Default is N-S mode.

No dead zone mode

In order to optimize the gaming experience of FPS players, this gamepad is set up with professional joystick deadzone-free mode:
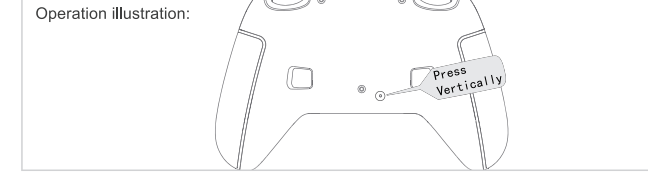
In the connected state, long press the TURBO + L3 button (or R3) for 3 seconds (the joystick short vibration prompt), to open the deadzone-free mode (left and right joysticks are set separately).

Power off/charging/low battery alarm

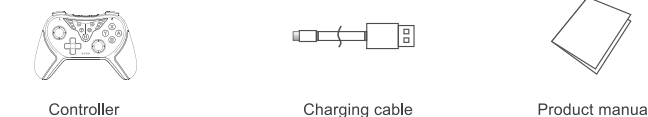| Status	Instructions
Turn off	When the controller is in Bluetooth pairing status, if the pairing fails for more than 60 seconds, the controller will automatically shut down and hibernate. When the joystick is turned on, no action for 5 minutes, the controller will automatically enter the hibernation state; After the controller is connected to the device, the controller will sleep when the console sleeps; when the controller is in the reconnect state for about 15 seconds without reconnecting successfully, the controller will automatically sleep; the controller will not sleep when it is set up with full-automatic TURBO action and macro function cycle.
Charging	When the controller is charging, the charging status, if the controller is plugged into the adapter for charging, then the LED indicator blinks during charging, and turns off when it is fully charged.
Low Battery Alarm	When the controller's battery is too low, the Switch console screen will mention the low battery and the need to recharge the controller.

Reset

If your controller fails to pair, does not respond, or just displays a blinking light, follow the steps below to reset it.

1. Turn off and unplug the controller.
2. Locate the Reset button on the back of the 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 controller with one click.

Operation illustration:

Security Note

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.

Packing List

Controller   Charging cable   Product manual

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.