



Shenzhen Yuyuanxin Electronic Technology TNS-1176 Switch Bluetooth Controller User Manual

[Home](#) » [Shenzhen Yuyuanxin Electronic Technology](#) » Shenzhen Yuyuanxin Electronic Technology TNS-1176 Switch Bluetooth Controller User Manual 

Contents

- 1 [Shenzhen Yuyuanxin Electronic Technology TNS-1176 Switch Bluetooth Controller](#)
- 2 [Product Introduction](#)
- 3 [Product Diagram](#)
- 4 [Product Features](#)
- 5 [Function Diagram](#)
- 6 [Wired connection mode of N-S](#)
- 7 [N-S wireless connection mode](#)
- 8 [Connection of Android device 7 \(Android standard HID mode\)](#)
- 9 [Bluetooth connection \(xinput\) mode](#)
- 10 [Wired connection PC device/ 10 smart TV/TV box/P-3 host](#)
- 11 [Direct mode](#)
- 12 [Startup description, wake-up and reconnection mode](#)
- 13 [Automatic sleep](#)
- 14 [Charging indication and charging characteristics](#)
 - 14.1 [Low battery alarm](#)
- 15 [Turbo function \(burst setting\)](#)
 - 15.1 [Burst speed adjustment method](#)
- 16 [Vibration intensity adjustment](#)
- 17 [3D light on/off mode](#)
- 18 [Description of 3D joystick correction](#)
- 19 [Environmental conditions and electrical parameters](#)
- 20 [FCC Statement](#)
- 21 [Documents / Resources](#)
- 22 [Related Posts](#)

SHENZHEN

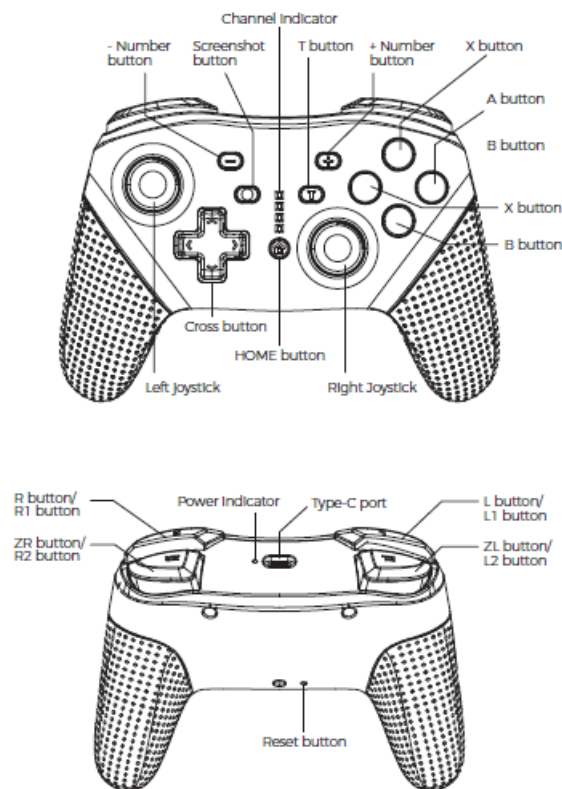


Product Introduction

This controller supports games on N-S/P-3/Android (supporting Android 6.0 and above) and computer (Win 7 and above)/direct mode/IOS

13/devices, with function button burst settings – Turbo function button, screenshot button, gyroscope gravity sensing, dual motor vibration, host awakening by controller and other functions.

Product Diagram



Product Features

1. Support wireless connection of Bluetooth to N-S/Android (supporting Android 6.0 and above)/computer (Win 7 and above)/IOS 13/direct connection mode/console platform.
2. Support wired connection of data cable to N-S console, P-3/smart TV/TV box.
3. Designed with Turbo setting, changeable Turbo rate, screenshot button, gyroscope gravity sensing and other functions.
4. With adjustable motor vibration speed.
5. Support the console wake-up function and code button connection.
6. Charging indicator.

Function Diagram

Function name	Y/N
USB wired connection	Yes
Bluetooth connection	Supported
Connecting mode	N-S/P-3/Android/ computer/IOS 13/ direct mode
Console wake-up function	Supported
Six-axis gravity sensing	Yes
A button, B button, X button, Y button,-button, + button, L button, R button, ZL button, ZR button, HOME button, cross button, TUBRO button	Yes
Screenshot button function	Yes
3D joystick (right 3D joystick function)	Yes
R3 button (right 3D joystick press-down button function)	Yes
3D joystick (left 3D joystick function)	Yes
L3 button (left 3D joystick press-down button function)	Yes
Motor vibration adjusting function	Yes
M1 M2 N1 N2 button mapping function	No
Controller upgrade	Supported

Wired connection mode of N-S

1. Before using the wired connection, please confirm the system of the N-S console: 'Settings'->'Controller and Sensor'->'Wired connection of Pro controller' is turned on;
2. Connect the controller to the N-S base via the USB data cable to become a wired controller, and the corresponding indicator of the controller will be normally on;
3. Unplug the USB cable, and the controller will automatically reconnect to the console in the wireless mode.

N-S wireless connection mode

1. Before wireless connection, please confirm to enter the system of N-S console: 'Controller'->'Change Grip/

Sequence' is in the pairing state;

2. On the controller, press the "B" + "HOME" buttons for 2 seconds to turn on the controller and enter the pairing mode, and the LED1 to LED4 on the controller will start to flash quickly. When a single LED is normally on, it indicates that the controller is paired with the console successfully. Press HOME to reconnect. Among them, the LED1 to LED4 will flash slowly. After the reconnection is successful, the corresponding indicator will be normally on.

Connection of Android device 7 (Android standard HID mode)

Press the "X" + "HOME" combination button for 2 seconds to enter the Bluetooth search mode. At the same time, find the Bluetooth name

"Gamepad" in the Bluetooth "Available Devices" list of the Android device for pairing. When pairing, LED2 and LED3 flash quickly. After the pairing is successful, LED2 and LED3 will be normally on, and the controller will enter the Android mode. You can play games under the Android standard protocol or enter the Putao Game to download games. Press the HOME button to reconnect, and LED2 and LED3 will flash slowly. After successful reconnection, LED2 and LED3 will be normally on.

(Download the Papa game hall simulator on the Application Treasure and install it, open the game simulator, and download and install the game inside to experience the game. Since the Android system is an open platform, the design standards of various game manufacturers are not unified, which will cause that the controller cannot be applicable to all games. Your understanding will be appreciated.)

Note: In Android mode, there is no vibration or no six-axis function.

Attention

Press the "Y" + "HOME" combination button for 2 seconds to enter the Bluetooth search mode. At the same time, find the Bluetooth name "DUALSHOCK 4 wireless Controller" in the Bluetooth "Available Devices" list of the Apple device for pairing. When pairing, LED1 and LED4 flash quickly. After the connection is successful, LED1 and LED4 will be normally on. Press the HOME button to reconnect, and LED1 and LED4 flash slowly. After successful reconnection, LED1 and LED4 will be normally on (Download the game from the Apple Store for experience. Such as: Modern Warfare 5 and other games.)

Bluetooth connection (xinput) mode

1. Press the "A" + "HOME" combination button for 2 seconds to enter the Bluetooth search mode. At the same time, find the Bluetooth name "Gamepad" in the Bluetooth "Available Devices" list of the WIN10 device for pairing. When pairing, LED2 and LED3 flash quickly. After the pairing is successful, LED2 and LED3 will be normally on.
2. Open the STEAM login account, click (STEAM-Settings-Control-ler-Common Controller Settings) to check the support option, and view (detected controller) the name (displayed as X-ONE controller in WIN10 system in wireless XINPUT mode).
3. Wired connection controller of the notebook, with the Bluetooth name of X-B 360 Controller for Windows.

Wired connection PC device/ 10 smart TV/TV box/P-3 host

Connect the controller to the PC device/smart TV/TV box/P-3 console with a USB cable. Open the downloaded simulator. When connecting, the corresponding channel indicator of the controller will be on, and LED1 to LED4 will flash. LED1 will be normally on after the simulator is successfully connected. When connected, the X-INPUT mode will be entered by default. Press the "-" and "+" buttons" for 5S to switch to the PC D-INPUT mode, and the LED2 and LED3 will be normally on.

In the main interface of the P-3 console or entering the interface of the game, God of War, LED1 will be on for multiple controllers connected. In the game interface, press and hold the HOME button to view the light number, LED1-4 according to the actual order of connection. Remarks: In the wired connection mode, there is vibration

function but not six-axis function.

(The smart TV/box shall support the X-INPUT and D-INPUT mode before use).

Direct mode

Press the “+” + “HOME” combination button for 2 seconds to enter the Bluetooth search mode. At the same time, find the Bluetooth name “QMacro” in the Bluetooth “Available Devices” list of the Android device for pairing. When pairing, LED3 and LED4 flash quickly. After the pairing is successful, LED3 and LED4 will be normally on. Press the HOME button to reconnect, and LED3 and LED4 will flash slowly. After successful reconnection, LED3 and LED4 will be normally on. After the connection is successful, open the downloaded and installed “QMacro” software. (“QMacro” shall be downloaded in the software of Application Treasure).

APP/APK settings:

For the subsequent direct connection product of this company, the relevant upgrade can be achieved through APP/APK connection, and there is no need for cables.

Android operation mode: After confirming that the Bluetooth connection is successful, open the “QMacro” software, and test whether the icon floating ball of the controller can be called out, and whether the button can be normally used. Select the page area to select the game. After entering the game, select in the game training ground mode. Click the floating ball to call out the button setting, and set the value you are used to according to your personal habits. After the setting is completed, click “Save” – “Close”. If you do not click to close the setting during or after the setting process, the device screen will not be able to operate, and can be used normally after being closed.

(The software show that the connection is successful and the floating ball on the side of the screen can be called out normally, and the button position can be set according to personal habits)

Note: If you don't click “Save” – “Close” after setting, the setting will be unsuccessful, which will lead to failure of normal use.

Button joystick setting:

When setting a button, press the controller button first, and the corresponding button in the software will be displayed in the center of the setting interface. Drag the center button or joystick to the specified position to set. You can set a single button with the Turbo burst function or bind the joystick to determine the directional operation. You can press two buttons at the same time, and add a combination button for setting. The software also support the function of one-button replacement through macro definition. First, select the button to be set, and then select “Macro Definition”. Select “Edit Macro” of “Macro Action”, and enter to select “Add”.

You can see that the added buttons are numbered. Then set the operation according to the action steps and time interval, so as to realize the setting operation of one-button replacement and one-button combo. You only need to press a single button to automatically complete a series of operations, A single button allows the macro setting of 16 steps. Then click save to complete the setting. The button settings can be added to realize the function of dual use of one button, and the wrongly set or redundant and useless button can also be deleted.

Features of Android direct mode: Wireless matching to play a variety of games. Through reasonable application, it can also be used to operate other software to set and use. For example, it can realize script operations, such as automatically brushing instance zones for gold, repeatedly drawing cards to upgrade forging, etc.

Startup description, wake-up and reconnection mode

1. Press the HOME button to power on; press and hold the HOME button for 5 seconds to power off the controller.
2. When the console and the controller are sleeping, press the HOME button of the console to wake up the console and the controller; After being woken up, it will automatically connect the console paired previously. If connection is unsuccessful after 10s, it will automatically sleep.

Automatic sleep

1. Wired connection mode:

1. When the console screen is turned off or the console is shut down, the controller will be automatically disconnected and go to sleep. 5 seconds, the controller will go to sleep with the charging function only.

2. Bluetooth connection mode:

1. Press and hold the HOME button for 5 seconds, the Bluetooth will be disconnected, the controller will go to sleep.
2. When the console screen is turned off or the console is shut down, the controller will be automatically disconnected and go to sleep; if no button of the controller is pressed within 5 minutes, it will automatically go to sleep (including that the gravity sensor does not work).

Charging indication and charging characteristics

Channel lamp charging indication: During the standby charging, all LED indicators of the channel will flash slowly, indicating that it is being charged. All channel lights will be normally on after fully charged. The corresponding connection indicator in the connected state flashes slowly to indicate the charging state, and the corresponding connection indicator lights up when fully charged.

Power indicator on the front of the controller: The indicator will light up after the charging cable is inserted into the controller, and will go out after the controller charging cable is disconnected.

Low battery alarm

Low battery alarm: When all LED channel indicators flash rapidly, it means the battery is low, and shall be charged in time.

Turbo function (burst setting)

1. Semi-automatic TURBO function setting: Press and hold any button of A, B, X, Y, L1, L2, R1 and R2, and then press the Turbo button to enter the Turbo (burst) function. Press and hold any button of A, B, X, Y, L1, L2, R1 and R2, and then press the Turbo function twice to clear the semi-automatic TURBO function.
2. Automatic TURBO function setting: Press and hold any button of A, B, X, Y, L1, L2, R1 and R2 that have been set to semi-automatic, and then press the Turbo button to enter the Turbo (burst) function. Press and hold any button of A, B, X, Y, L1, L2, R1 and R2 that have been set to semi-automatic, and then press the Turbo button to clear the automatic Turbo function.

Remarks: (Press the button that has been set with the automatic TURBO function to suspend the automatic TURBO function of this button. Release it to resume the automatic TURBO function).

Burst speed adjustment method

1. Increase the burst speed: Press and hold the T button and the up button, and then press them once. If the controller vibrates once, it indicates that the command is executed, and the burst speed is successfully increased by a level.
2. Decrease the burst speed: Press and hold the T button and the down button, and then press them once. If the controller vibrates once, it indicates that the command is executed, and the burst speed is successfully decreased by a level.

Remarks: The burst function can be memorized. When the controller is disconnected and reconnected to the console, the burst speed set last time can be memorized, and the burst speed is divided into three levels: Low

level: 5 times/s-Medium level: 15 times/s-High level: 20 times/s. The default is medium level after power-on.

Vibration intensity adjustment

In the “Settings” option of the N-S console, you can choose to turn on or off the vibration function; When the controller is connected, in the “Search Controller” interface of the N-S console, press and hold the four buttons of Z, ZL, R and ZR for 3 seconds to adjust the motor vibration intensity. There are four levels: 0%—30% (weak)—70%

(medium)—100% (strong).

Remarks: The default vibration intensity is 30% after power-on

(Continuous vibration shall be adjusted to. The vibration is intermittent in the previous version, which shall be adjusted.)

3D light on/off mode

Left 3D light off/on mode : Press and hold the left 3D down button for 5 seconds to turn off, and press it for 5 seconds to turn on.

Right 3D light off/on mode : Press and hold the right 3D down button for 5 seconds to turn off, and press it for 5 seconds to turn on. Remarks: The 3D light is normally on in the working state, and off in the standby state by default.

Description of 3D joystick correction

After the controller is connected successfully, click “Settings” on the N-S console to enter the setting interface.

Swipe down, select the

“Controllers and Sensors” option, and click “Calibrate Joystick”. Select the joystick to be calibrated according to the prompt, enter the confirmation interface, press the “X” button of the controller, and then press the “A” of the controller to confirm the calibration. After entering the calibration interface, complete the upward, downward, leftward, rightward and circle actions in sequence according to the prompt on the screen.

Environmental conditions and electrical parameters

Item	Technical indicators	Unit	Remarks
Working temperature	-20~40	°C	
Storage temperature	-40~70	°C	
Heat-dissipating method	Natural air cooling		

- Battery capacity: 600mAh
- Charging current: ≤500mA
- Charging voltage: standard 5V
- Maximum operating current: ≤140mA
- Static operating current: ≤20uA

Precautions:

1. This product shall be well stored when not in use.

2. This product cannot be used and stored in humid environment.
3. This product should be used or stored by avoiding dusts and heavy loads to guarantee its service life.
4. Please do not use the product which is soaked, crashed or broken and with electrical performance problems caused by improper use.
5. Do not use external heating equipment such as microwave ovens for drying.
6. If it is damaged, please send it to the maintenance department for disposal. Do not disassemble it by yourself.
7. Some functions of N-S may not be available on other platforms such as Android and PC, which is a normal phenomenon.
8. Children shall use this product reasonably under the guidance of parents. Don't be obsessed with games.

FCC Statement

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

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

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.

Documents / Resources

	<p>Shenzhen Yuyuanxin Electronic Technology TNS-1176 Switch Bluetooth Controller [pdf] User Manual TNS-1176, TNS1176, 2AJJCTNS-1176, 2AJJCTNS1176, TNS-1176 Switch Bluetooth Controller, TNS-1176, Switch Bluetooth Controller</p>
---	--