

XHD-P501 Bluetooth Controller User Manual

Product Overview

XHD-PS501 is a Bluetooth controller with a built-in high-performance Bluetooth chip for stable connectivity .

Supports PS5/PC(Dinput/Xinput),on PC need use a date cable.



Standard keys: PS, , , , , , , , , , L1, L2, L3, R1, R2,

R3 , TOUCH, Turbo, SET, ML / MR

1. This controller has stable performance and a high cost-performance ratio, and it supports any software version of the PS5 console.
2. Bluetooth 5.3 can be connected to the console .
3. The controller control can operate within a distance of 10 meters with no delay.
4. It has a 6-axis sensor function composed of 3D acceleration sensor and gyroscope sensor functions.
5. Equipped with RGB LED color channel indication, it is convenient to distinguish different users.
6. The Bluetooth connection method is the same as the original .
7. Support USB lithium battery charging.
8. Supports a 3.5mm TRRS stereo audio jack for connecting headphones and microphones
9. Support dual-point capacitive touchpad
- 10.Supports wired connection with the console, and also supports wired and Bluetooth audio functions.
- 11.Support for speaker function.
- 12.Does not support MAC or Android functions.

Choose to use the standard PS5 functions (the same as the original functions, which can work on a PC via a driver and on systems with Windows 10 or above)

A wider operating voltage range, extremely low sleep current, operating voltage and current: 3.7V - 50mA, USB input voltage and current: 5.2V - 1000mA

Connection Method

1. When using the controller for the first time, it needs to be connected to the main unit with a data cable. For subsequent reconnection, use Bluetooth connection and press the HOME(PS) button to reconnect.

2. Connect the PC device :

Default mode: D-INPUT mode ,the indicator light of the controller is blue. It can be switched to X-INPUT mode by holding down the SHARE and OPTIONS keys simultaneously for 3 seconds, and the indicator light is green)

PC display name:

D-INPUT mode (PS5 wired--DualSense Wireless Controller)

X-input: Xbox 360 Controller for Windows

Macro Programming Setting

1) There is a SET button and two programming button: ML/MR

2) Assignable buttons:  , L1/L2/L3, R1/R2/R3, D-pad, and analog sticks.

3) Each programming button can record a button action or a combination (up to 16 actions)

4) Setting steps:

Hold **Set** button to enter programming mode (LED blinks). Press target buttons and press **ML** to confirm (LED stays on; motors vibrate when it is set).

5) Clearance:

Hold **Set button** to enter writing mode, the channel light will flash. Then press **ML/MR** again without any input, the written actions will be cleared, the channel light keeps on.

Note: When entering program mode, if user has no any action in 10 seconds, it will quit the mode and back to previous step.

Turbo function:

1) Modes: Manual Turbo → Auto Turbo → Cancel (cycle via T + Target Button).

Press and hold the T key and add the corresponding function key. The corresponding function key enables manual continuous shooting.

Press the same combination again and the corresponding function key to achieve the

automatic continuous release function.

Press the same combination again and the corresponding function key to cancel the continuous sending function.

Assignable buttons:  , L1, L2, R1, R2, current channel light will flash quickly when turbo is activated.

2) Speed Adjustment:

Press and hold the T key + right joystick (up to full)/(down to full) to adjust the turbo speed. When the setting is successful, the motor will vibrate to prompt.

The speeds are: 5Hz - 12Hz - 20Hz. The default is 12Hz when powered on, and there is a memory function when powered off.

Vibration Function (Supported on PS5, PC (X-INPUT))

1)After each connection or setting, the motor will vibrate 0.5 second to indicate.

2)**Vibration Tensity Levels:** 100%- 50% - 30% - 0%(close), (default to be 50%).

3)Adjustment:

Press and hold the T key and the left joystick (up to full)/(down to full) to increase or decrease the motor vibration intensity. A vibration prompt will be given when the current intensity is set successfully.

The vibration intensity switching cycle is: 50% - 30% - 0% - 100% - 50% - 30%. There is a memory function when the device is turned off.

RGB LED Indicators

1.PS5: The light of the first connected controller is blue.

Player 1: Blue; Player 2: Red; Player 3: Green; Player 4: Pink. (The corresponding light is distributed by the order of connection.)

2.PC: X-input: Channel light is green

D-input: Channel light is blue

3.Charging status(The colors of the upper and lower 2 lights remain consistent at any time):

When playing: top 2 lights keep on, bottom 2 lights breath. All 4 lights keep on after full charged.

When not connecting: 4 lights breath. Lights off when full charged.

4、Turbo and programming indicator light: when connecting, top 2 leds keep on, the bottom 2 work as indicator light for turbo and programming.

Sleep mode

After the controller is successfully connected, set the sleep/shutdown time in the power-saving section of the Settings page. If the controller is not operated at all, it will automatically sleep/shut down at the set time, usually 10 minutes /30 minutes /60 minutes.

Manual Disconnect

Find the accessory in the Settings on the main page, and then turn off the Bluetooth of the accessory to disconnect the controller from the console.

Motion/Touch Features

Motion sensing and touchpad functions are supported on PS5.

Voice/Speaker Support

Compatible with PS5 voice chat and speaker output.

Hardware Reset

When abnormal mistakes occur, such as key button in disorder, system crashed, or fail to connect, user can reset controller by inserting a slender pin into the Reset hole on the back (a click will be heard). After reset successfully, the controller will power off. Resetting will not change any setting of the controller (programs/vibration intensity/turbo)

Calibration:

(1) If the controller has just been assembled and has not been calibrated, when the USB is powered on or the PS key is pressed to turn on the device, the channel light will flash rapidly. At this time, press the trigger L2/R2 2-3 times normally, shake the left and right joysticks 2-3 times each, and finally hold down the "x" key for 1 second to confirm. The channel light will flash slowly, and the calibration is successful at this point - the device can be saved when turned off.

(2) If the controller has been calibrated before and needs to be recalibrated, when the controller is turned off, hold down SHARE+OPTION and insert USB or PS to turn it on. The

channel light will flash quickly. At this time, press the trigger L2/R2 2-3 times normally, turn the left and right joysticks 2-3 times each, and finally hold down the "x" key for 1 second to confirm. The channel light will then flash slowly. At this point, the calibration is successful - the device can be saved after being shut down.

Technical Specifications

- 1) Operating Voltage: 3.3V-4.5V
- 2) Operating Current: 150mA
- 3) Battery Capacity: 800mAh
- 4) Triggers: Hall Effect Sensors
- 5) Joysticks: KontrolFreek Split Hall Effect Design

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.

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.