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## Product Specification

### 1. Overview:

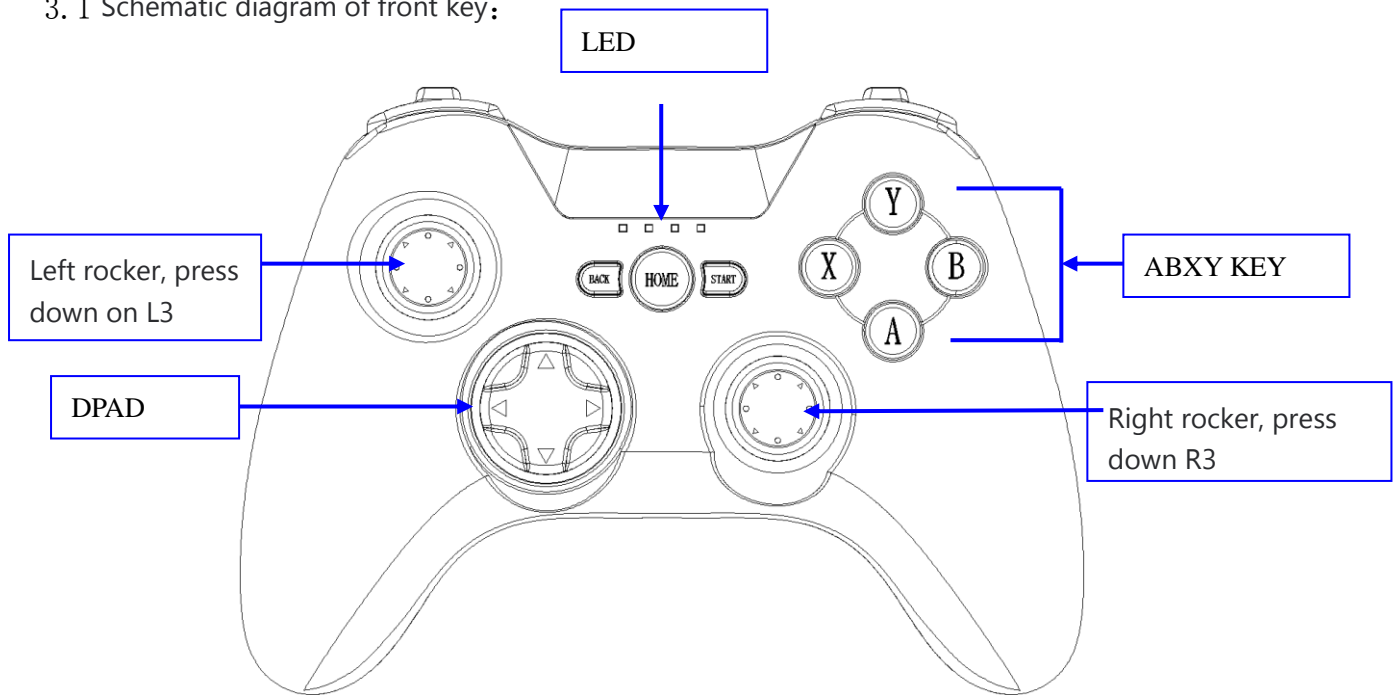
The PXN-P3 Android vibration handle is specially designed to work with Android consoles. Ergonomic design, can bring you a comfortable game experience. Support Bluetooth modes, that the device connection is more convenient, suitable for TV, set-top box and computer.

### 2. Functional Characteristics:

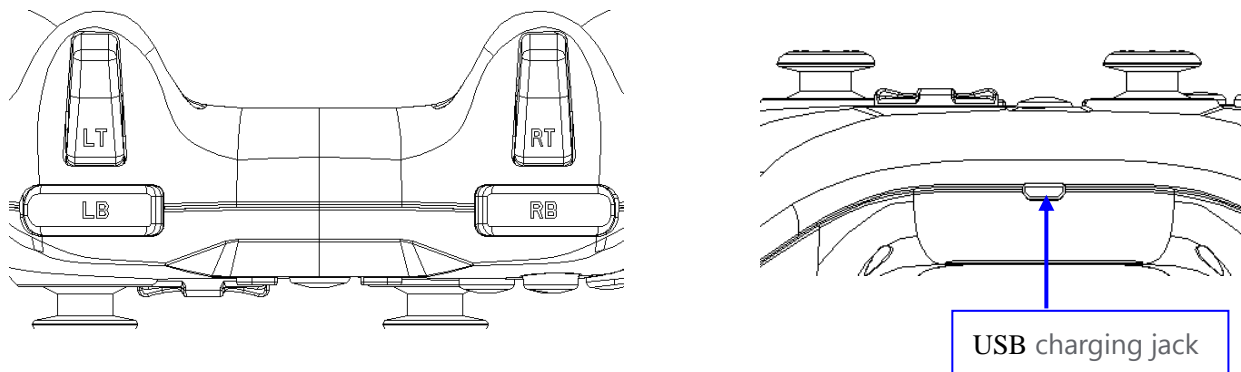
- 2. 1 Multi-purpose, support PC, Android smart device, IOS device, host use。
- 2. 2 Dual motor vibration support, has vibration function in PC games。
- 2. 3 The controller supports Bluetooth, USB connection modes。
- 2. 4 Transmission distance: straight line without barrier up to 10 meters。
- 2. 5 There is a reset switch in the rear cover hole of the handle to shut down directly。
- 2. 6 The controller has a built-in 550mAh lithium battery and intelligent power-saving technology to provide longer game time。
- 2. 7 PC platform plug - in play X360 games (Game for Windows) 。
- 2. 8 The Android platform supports devices with Android 4.0 and above。

### 3. product diagram;

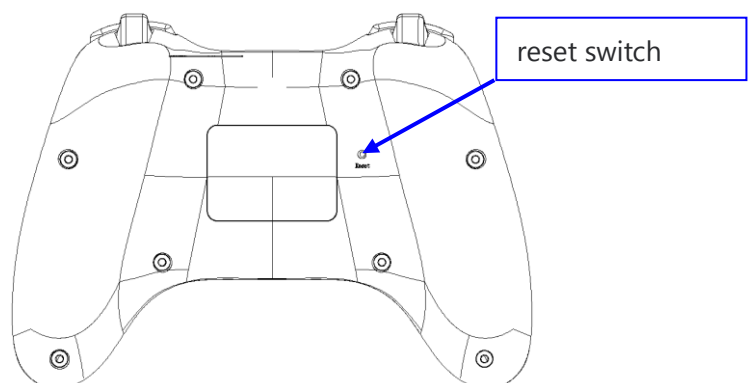
#### 3. 1 Schematic diagram of front key:



#### 3. 2 Side view diagram:



#### 3. 3 Schematic drawing of back and receiver:



#### 3. 4 Dongle schematic

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#### 4. Function Description:

##### 4.1 On/Off Function:

4.1.1 Power on: Press the [HOME] button for 1 second to display the power information before the handle starts up. If the handle has been successfully paired with the host before, the handle will be automatically connected back to the host after starting up. The mode of the controller after startup is the mode before shutdown. For example, the Bluetooth mode before shutdown is also the Bluetooth mode after startup.

4.1.2 Power off: Long press [HOME] for 3 seconds to power off the machine. Push the reset opening in the small hole of the handle bottom shell with a small hard object  
It can also be turned off.

##### 4.2 Connection Method:

4.2.1 Connection of Android HID Bluetooth mode: Open the Bluetooth function of the device (such as mobile phone or tablet), press the [X] + [HOME] button on the handle for 3 seconds to start the device, and the No. 3 LED flashes quickly to enter the Bluetooth mode pairing state. Search the name PXN-P3 on the device, then click the connection, and the No. 3 LED will be bright after successful connection.

##### 4.3 IOS Mode (XBOBONE Protocol) Only Supports ios 14.2 and later oss:

4.3.1 When the handle is turned off, short press the MODE key of the handle for 1 second. After the power information is displayed, short press the MODE key +Y key of the handle for 3 seconds and the LED1 light flashes for pairing.

4.3.2 Search for "controller" on the Bluetooth Setting screen of the IOS device. The connection is successful and the LED1 indicator is always on.

##### 4.5 Wired Connection Mode (PC xinput Mode) :

4.5.1 When the cable is connected, the PC XINPUT mode is used by default, and the connection is successful. The LED1 indicator is always on.

4.5.2 Note: LED4 light indicates when wired connection; LED4 light blinds slowly when charging; LED4 light is steady on when fully charged.

#### 5. Low voltage alarm and charging function:

5.1 When the battery voltage of the handle is 3.6V( $\pm 0.3$ V), the No. 4 LED flashes indicating low power, please charge in time.

5.2 When the battery voltage of the handle is lower than 3.5V( $\pm 0.3$ V), the handle will automatically shut down.

5.3. When charging, LED No. 4 flashes slowly, charging current: 300mA, LED No. 4 is steady on after full charge.

5.4 The working static current is 21.9mA, and the search current is 22-24mA.

#### 6. Sleep Patterns:

6.1 When the handle is connected successfully and there is no button or shaft action for 5 minutes, it will enter the sleep mode.

6.2 When the handle is not connected, it will enter the sleep mode after 1 minute.

6.3 In sleep mode, the power consumption of the controller is 2uA. Short press the "HOME" button during sleep to wake up.

#### 7. Reset function:

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When the handle operation is abnormal or abnormal, it can be Reset and shut down by pressing the "Reset" key in the small hole on the back of the handle with a small hard object, and then start and connect the operation.

#### 8. Auxiliary Functions:

##### 8.1 Rocker virtual position adjustment function:

8.1.1 When the handle is connected, press LT+RT+start at the same time without letting go, and press the cross key to adjust the upper, left and lower three gears: The upper rocker has high sensitivity, LED1+LED2+LED3 flashes with strong vibration in the rocker with medium sensitivity, LED1+LED2 flashes with medium vibration in the rocker with low sensitivity, and LED1 flashes with low vibration.

##### 8.2 Calibration function:

8.2.1 In the power-on state, press and hold RB+BACK button for 3 seconds, and when LED # 1, LED # 2 and long LED # 3 and LED # 4 alternate, press the left trigger (LT) and right trigger (RT) to the end in turn, and then turn the left 3D and right 3D in turn.

8.2.2 Press the right 3D Down +BACK button at the same time, the LED goes off, and the motor vibration prompts, then the calibration is completed.

##### 8.3 Adjustment of vibration gear:

8.3.1 When the handle is connected, press LT+RT+start at the same time without letting go, and move the right rocker 3d up and down to adjust the motor vibration intensity.

8.3.2 Adjustable four-gear: 0(turn off vibration)-- 30% (weak)-- 70% (medium)-- 100% (strong), default 70% (medium) when the handle is powered on

8.3.3 Handle indicator light + vibration feedback when vibration is closed: LED2/LED3 is off, there is no vibration. When vibration is low: LED1 is bright and flashing, low vibration is medium: LED1+LED2 is bright and flashing, medium vibration is strong: LED1+LED2+LED3 flashes a strong vibration.

##### 8.4 The interchange function of left rocker and cross key

8.4.1 When the handle is connected, press LT+RT+start at the same time without letting go, and press the left rocker down button (L3) to adjust the function interchange between the left rocker and the cross button. Swap successfully shake the handle once.

#### 9. Troubleshooting:

9.1 When the device cannot be started, the built-in battery may be dead. Please charge the handle for a period of time before starting the device.

9.2 When the handle accidentally crashes or disconnects, please keep the distance between the handle and the receiver within the valid range and without obstacles in between lock, or pull out the receiver and reconnect.

9.3 In case of trigger or 3D head self-illumination or non-return, calibration is performed according to item 8.2.1.

Attachment: The handle keys correspond to the handle key value tables of each platform

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KEY	PC XINPUT	ANDROID HID	PS3
left joystick	left joystick	left joystick	left joystick
Right joystick	Right joystick	Right joystick	Right joystick
DPAD	DPAD	DPAD	DPAD
A	A	A (	×
B	B	B (	○
X	X	X	□
Y	Y	Y	△
LB	LB	LB	L1
LT	LT	LT	L2
L3	LSB	LSB	L3
RB	RB	RB	R1
RT	RT	RT	R2
R3	RSB	RSB	R3
BACK	BACK	BACK	SELECT
START	START	START	START
MODE	XBOX	HOME	PS

10. Noted:

10.1 Please read the instructions carefully before use.

10.2 Avoid strong vibration. Do not disassemble, refit or repair by yourself.

10.3 Avoid storing in humid, high temperature, soot and other places.

10.4 Avoid water or other liquids entering the inside of the handle, which will affect the function and service life of the handle.

10.5 There are batteries inside. Do not drop the handle into the fire, it will explode.

10.6 If you have quality problems or suggestions, please contact the seller or after-sales staff.

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## **FCC Statement**

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.

### **RF Exposure Information**

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