

pico goblin

- A New Reality -

User Manual

1 IMPORTANT NOTES

- You could use the buttons on the VR headset for basic operations. For more interesting and convenient operations, please use 3DOF motion controller. (Note: 3DOF motion controller is a Pico customized wireless Bluetooth low energy controller with 9 axis motion sensor for more convenient VR interactive experience.)
- Please make sure you do not feel any uncomfortable and be aware of your surroundings when using this device.
- You may feel discomfort for long time using. Please take rest for every 30 minutes. If you feel serious discomfort, please stop using and see doctors immediately.
- Children under 12 years are not suggested to use.
- You can wear this device with your glasses on. If you want to use the focus adjustment, it is suggested you are in the situation below,
 - Diopter of myopia is between 0 and -8.00
 - Difference between diopters of myopia of two eyes is under 2.00
 - Diopter of astigmatism is between 0 and -2.00
 - Inter-pupillary distance is between 54mm and 71mm.
- This manual is for reference only.

2 HEADSET FEATURES

Keys	Functions
Focus Adjustment Wheel	• Adjust focus
Status Light	<ul style="list-style-type: none"> • Red, Yellow, Green light indicate the battery power during charging is low, medium or high • Red light keeps flashing when battery is low • Blue light keeps flashing when power on/off
Power Button	<ul style="list-style-type: none"> • Short press for sleep or waking up • Press for 2 seconds for powering on • Press for 5 seconds for powering off • Press more than 10 seconds for hardware reset
Home Button	<ul style="list-style-type: none"> • Short press for returning to home screen • Press for 2 seconds for recentering the menu
Confirm Button	• Confirm
Proximity Sensor	<ul style="list-style-type: none"> • Screen lights on when headset put on • Screen lights off when headset taken off
Micro USB	<ul style="list-style-type: none"> • Charging or data transferring • Connecting to extension device like flash disk with OTG Cable

3 3DOF MOTION CONTROLLER FEATURES

Keys	Functions
Touch Pad	<ul style="list-style-type: none"> • Direction operations • Press for confirm
APP Button	• Back to previous screen or game customized
Home Button	<ul style="list-style-type: none"> • Short press for powering on • Short press for returning to home screen if Bluetooth connected
Volume Button	• Volume up / down
Status Light	<ul style="list-style-type: none"> • Bluetooth is pairing if light keeps flashing slowly • Bluetooth is connected if light is off • Battery is low if light keeps flashing fast

4 OPERATION

Tips: You can complete basic operations with only using buttons on headset. If you want more interesting and convenient operations, please connect the headset with 3DOF motion controller.

1. Power on/off, Sleep and Hardware Reset

- Power on: Press power button for 2 seconds.
- Power off: Press power button for 5 seconds from powering on.
- Sleep: system will sleep when powering on.
 - Taking off the headset. Put the headset on for waking up.
 - Short press power button. Short press again for waking up.
- Hardware reset: If the system is stuck and could not be power-ed off, you can press the power button for more than 10 seconds to reset the hardware.

2. Connecting 3DOF Motion Controller

- Please put two AAA batteries into the 3DOF motion controller.

b) When the headset is powered on, follow the tips on the head-set screen to connect the 3DOF motion controller. Short press Home button on 3DOF motion controller then the headset would connect to the 3DOF motion controller automatically.

3. Operating 3DOF Motion Controller

- Touch pad: Up/Down/Left/Right navigation and press down for confirmation

For more information about Pico's products, policy and authorized servers, please visit Pico's official website or official account on WeChat.

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b) Move the cursor up/down;

c) Move the cursor left/right;

d) Long press the Home button for recentering the menu.

5 WEARING HEADSET

1. Installing Head Strap

Please follow the instructions shown below to install the head strap.

Notice:

- In step ①, please make sure the buckle's hook facing up;
- Pull the hook upwards until it is locked tight enough.

2. Wearing Headset

Please follow the instruction to wear headset and adjust the head strap to make yourself feel comfortable.

3. Adjusting Focus

Rotate the focus adjustment wheel to adjust the distance between the lens and screen until you see a clear picture.

Notice:

Diopter of myopia could be adjusted in the range of 0 to -8.00.

6 WARRANTY INFORMATION

Important Notes:

You can repair your device for free in 12 months since the purchase date. The Limited Warranty does not cover:

- Defects or damage resulting from improper using not included in this manual;
- Attached parts except for controller and headset, such as the packing box or gifts;
- Defects or damage resulting from non-authorized modification, changing or repairing;
- Defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake or improper use of any electrical source;
- Expire the effective date.

SUPERVISION

You can find the device specific supervision information such as certification, declaration and labels at the software launcher in "Settings"-"About".

EU REGULATORY CONFORMANCE

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

RF Exposure Information

This device meets the EU requirements (1999/5/EC Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used in normal condition.

Hereby, Pico Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

For "DECLARATION OF CONFORMITY" of "CE", please see:

Doc Website: www.picovr.com/TBD.doc
Frequency Range(BT/WiFi): 2400-2483.5MHz
Max Output Power(BT/WiFi)20dBm
HW Version: 001
SW Version Format: CCCC_rF01_bvYY_svZZ_YYMMDD_bTTT
"CCCC" stands for the nation. "YY" stands for Baseband Version. "ZZZ" stands for the Software Version. "YY" stands for the update year.

"MM" stands for the update month, "DD" stands for the update date.
"TTT" stands for the Build No. And the update will not change the radio frequency conformance of this product.

This equipment maybe operated in

AT	BE	BG	CH	CY	CZ	DE	DK
EE	EL	ES	FI	FR	HR	HU	IE
IS	IT	LI	LT	LU	LV	MT	NL
NO	PL	PT	RO	SE	SI	SK	UK

FCC STATEMENT

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 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.

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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

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