Cinego

(GOOVIS G2)

Quick Start Guide

Thanks for using the GOOVIS G2

To begin using the GOOVIS G2 as quickly as possible, please carefully read this GOOVIS G2 Quick Start Guide. For additional details on the GOOVIS G2 Operating Instructions and Security Information, please go to www.goovisvr.com, where you can browse the GOOVIS G2 User Manual, view on–line videos and tutorials, or download additional data you might find helpful.

All pictures here are for general reference only. All procedures should be based on the actual product received. Shenzhen NED Optics Co., Ltd. reserves the right of final interpretation.

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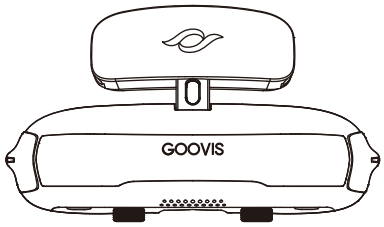
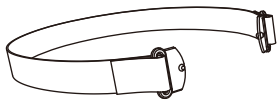
1. Getting to Know Your GOOVIS G2

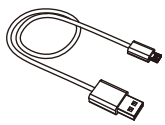


G2 Headset

Controller



Head Strap

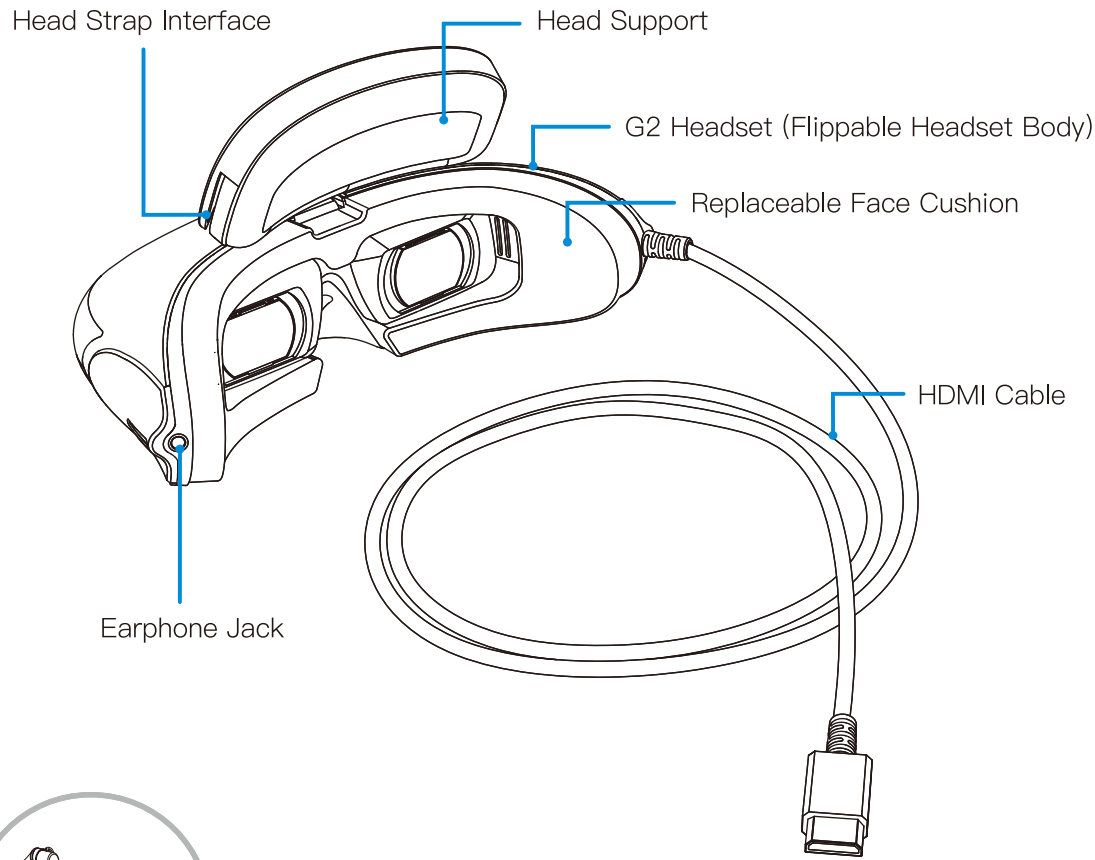


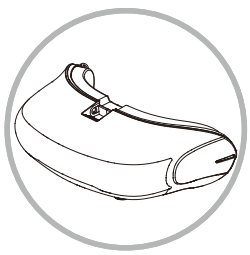
Micro-USB Cable

Lens Cleaning Cloth

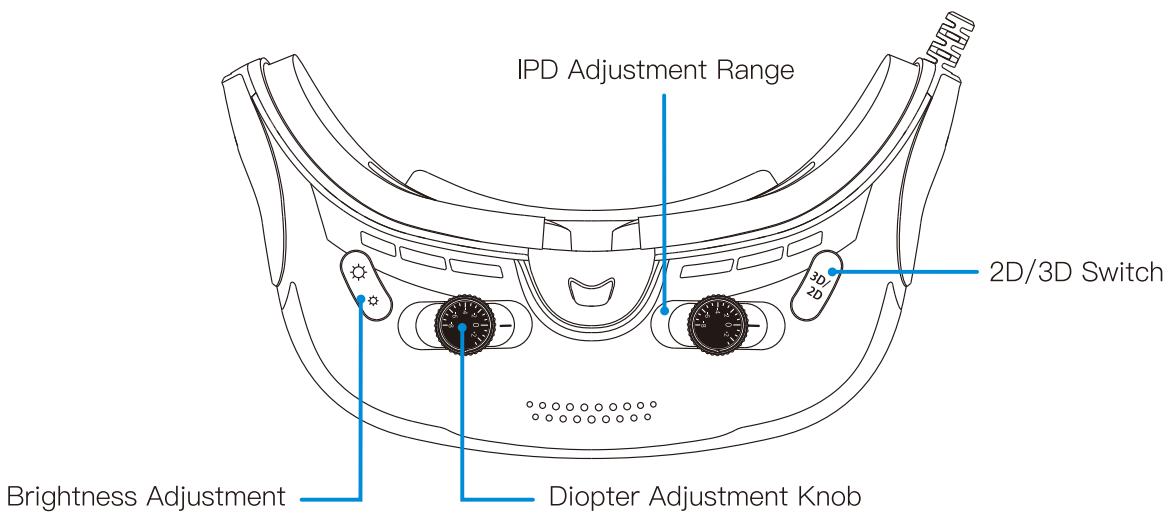
HDMI Adapter (Free gift)

- Headset Functions and User Interface

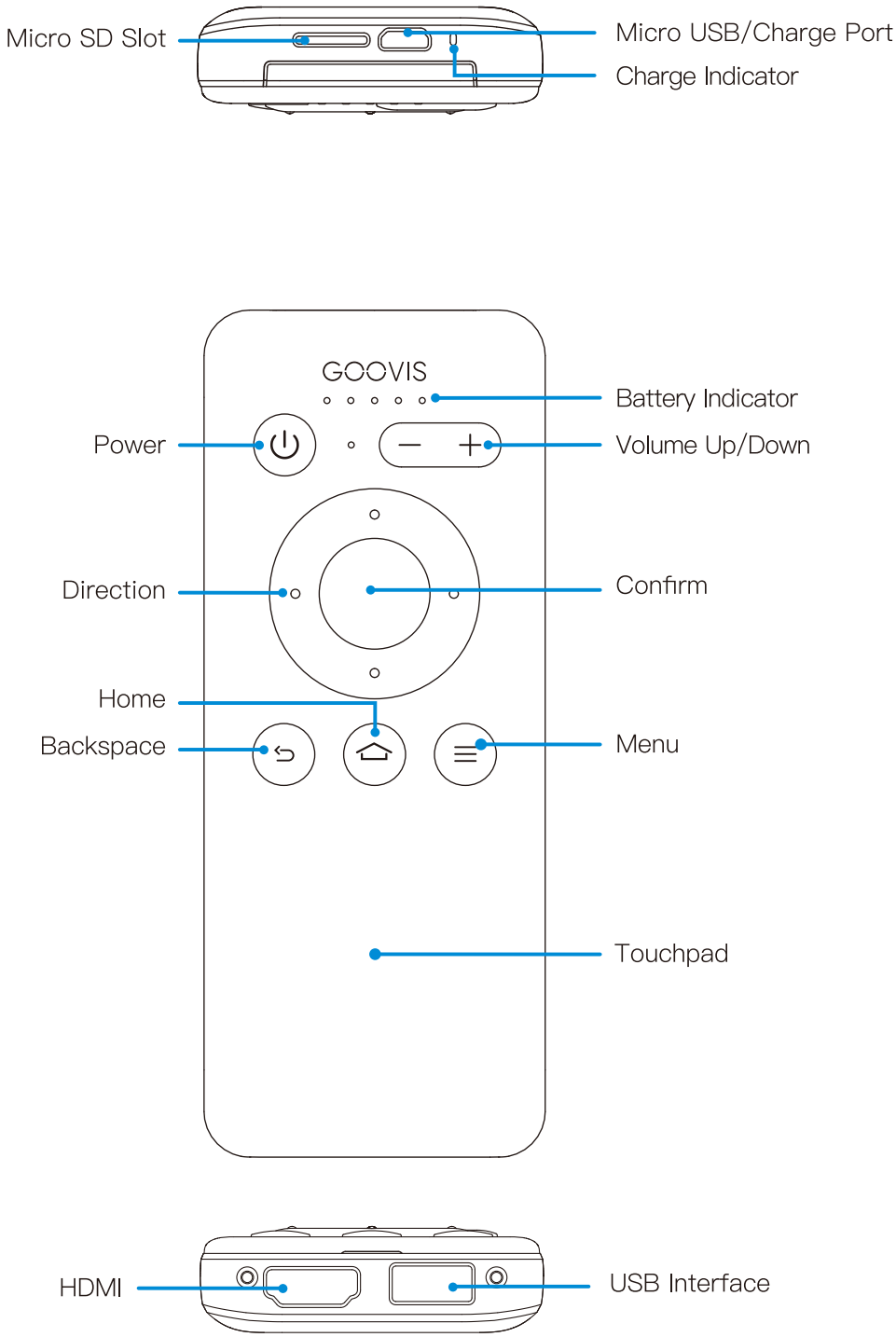




Headset main body



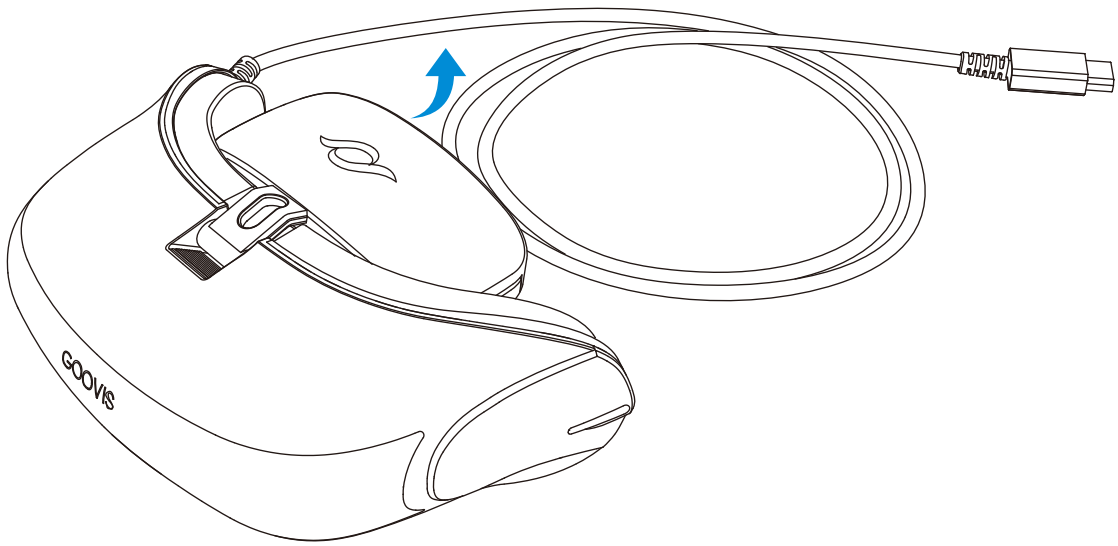
- Controller Functions and User Interface

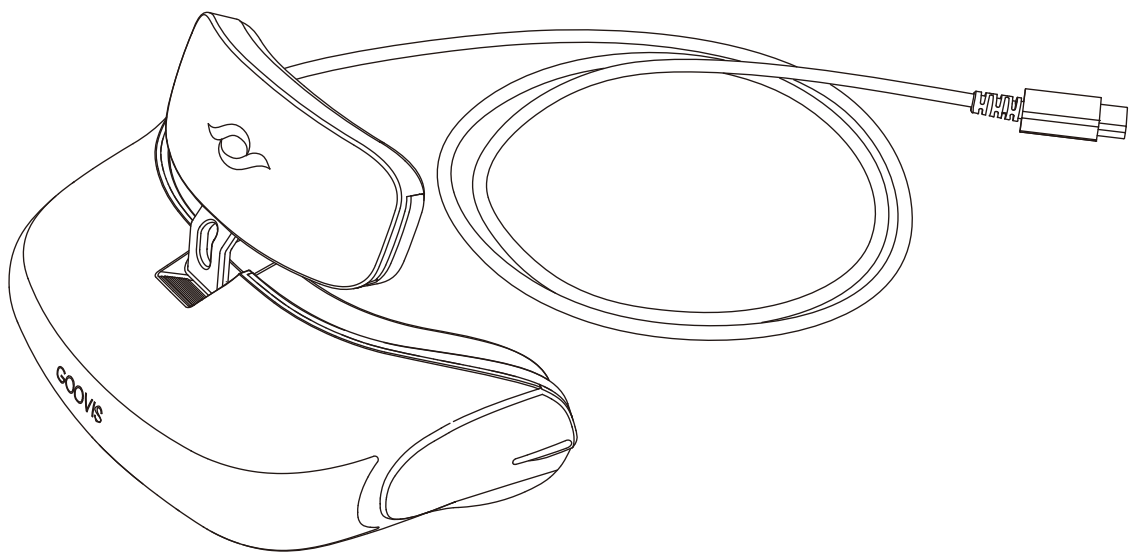


2. Fitting and Adjustment

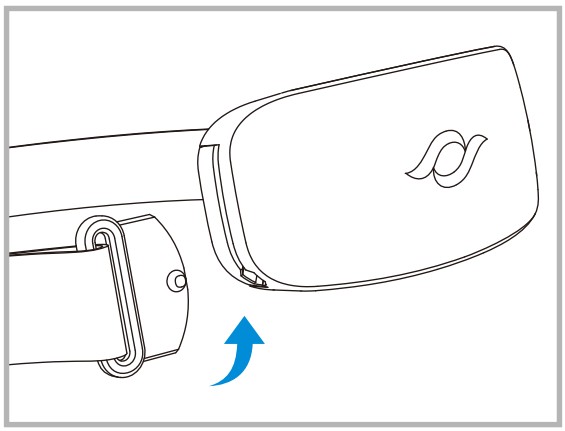
- Connecting the Headset, Head Strap and Controller

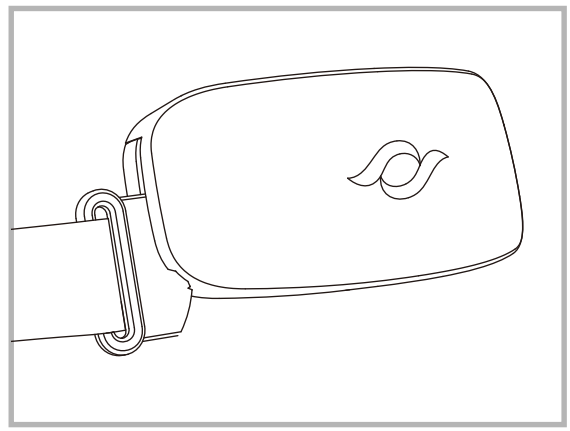
  a) Pull up the support of the headset gently to the position shown in the figure below.

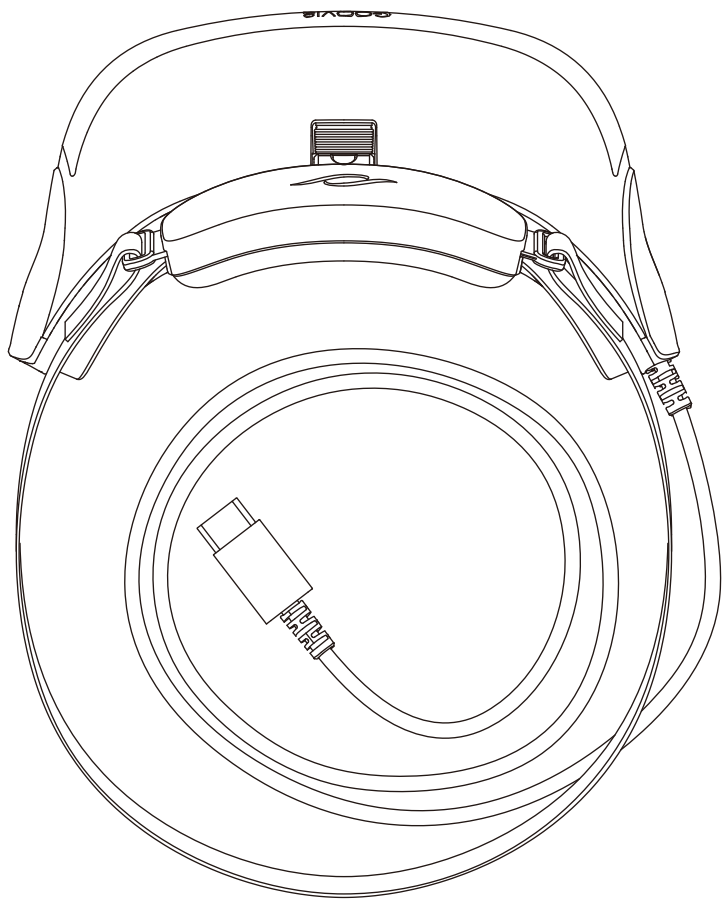




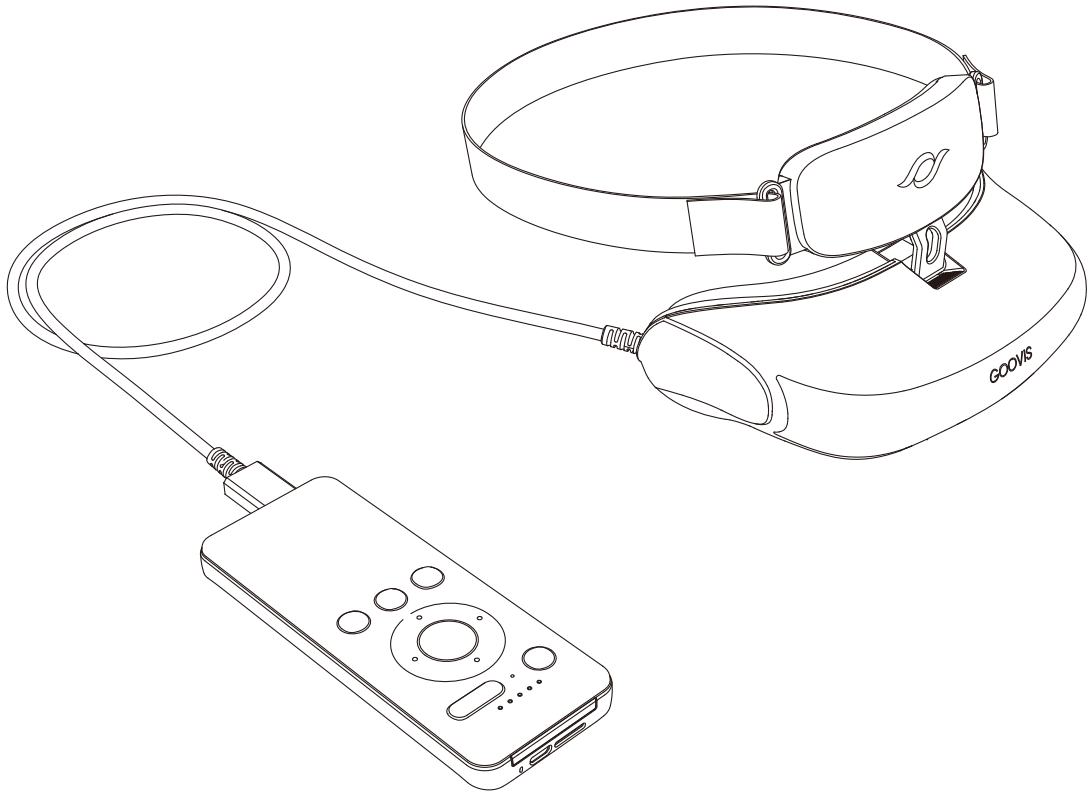
b) Connect the ends on both sides of the head strap to the support shown in the figure below by sliding the ends of the straps in to the slots from below.

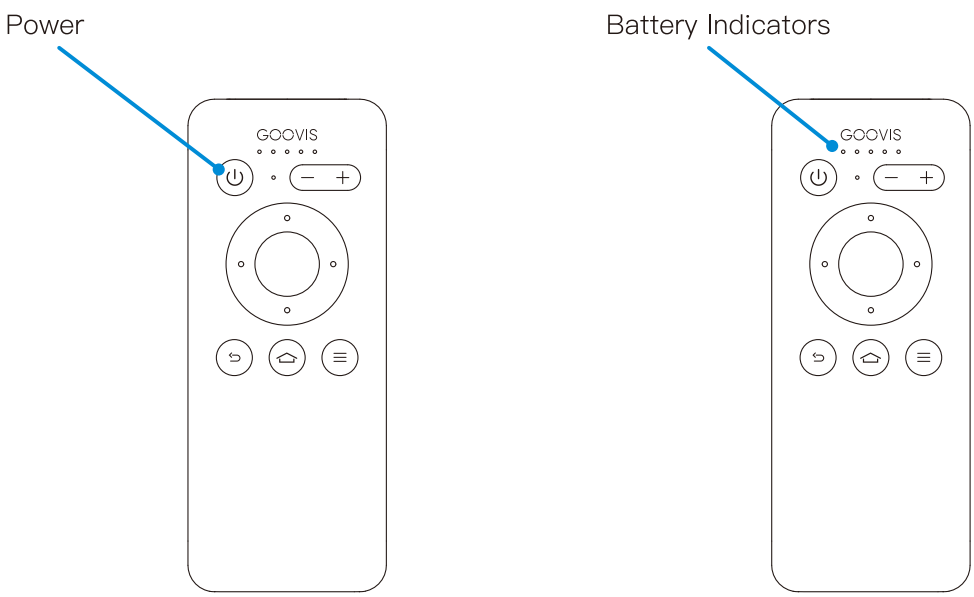






c) Connect the headset to the controller with the HDMI cable. Press and hold the Power button on the left side of the controller until you see that the power and battery indicators on the right side of the controller illuminate.





Tip: To shut off the headset, press and hold the Power button for about 3 seconds until you see that the indicator turns off. Press the Power button continually for 12 seconds to perform a reset of the controller system.

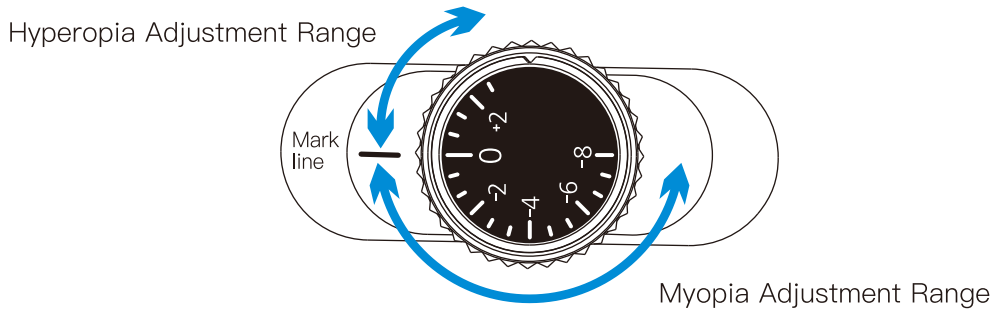
• Performing Initial Vision Adjustment

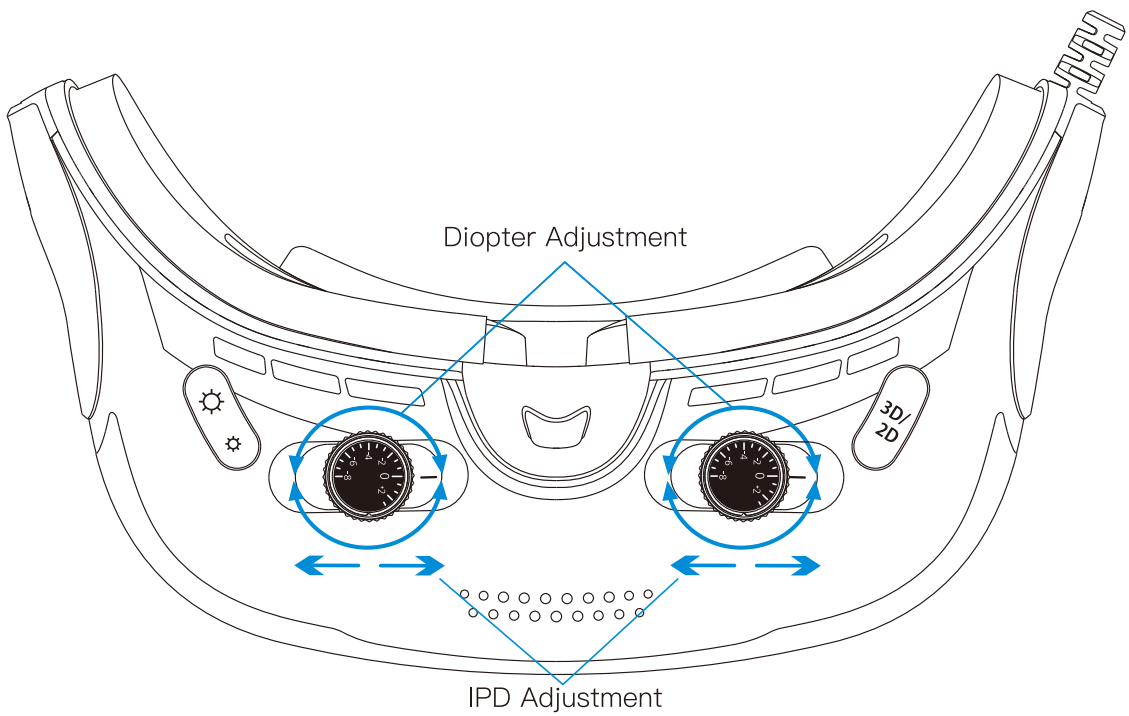
The GOOVIS G2 accommodates a vision range from +3D hyperopia to −8D myopia, and an IPD (Interpupillary Distance) from 56mm to 72mm, and separate adjustment of each of the left and right eyes. For easy vision adjustment, we suggest that, before putting on the headset, you can initially rotate the vision adjustment knob to a hyperopia/myopia scale that corresponds somewhat to your eye sight.

Mapping between the scales on the vision adjustment knob and the diopter

Scale	−2	−4	−6	−8	+2
Diopter	−2D myopia	−4D myopia	−6D myopia	−8D myopia	+2D hyperopia

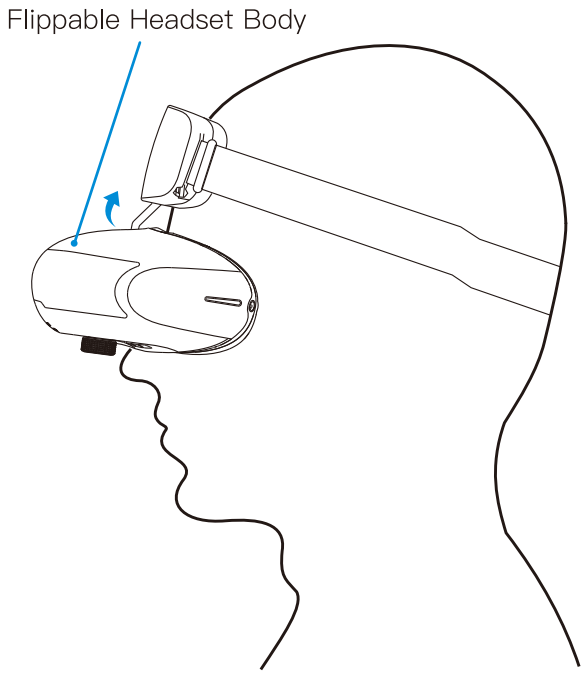
Astigmatic lenses are optional in case of needs. Please go to www.goovisvr.com to download GOOVIS G2 User Manual for details.

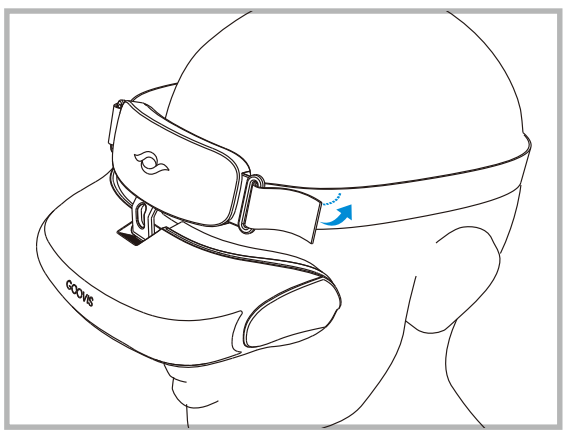


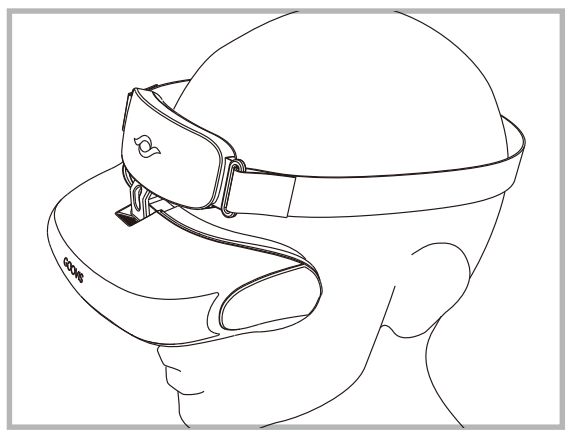


- Wearing the GOOVIS G2 Headset

  Adjust the length of the head strap until the strap fits your head circumference so that you can easily put the headset on your head. Adjust the headset to the right height and angle so that you can comfortably watch the display window. You can also adjust the headset itself by tilting it slightly up or down.



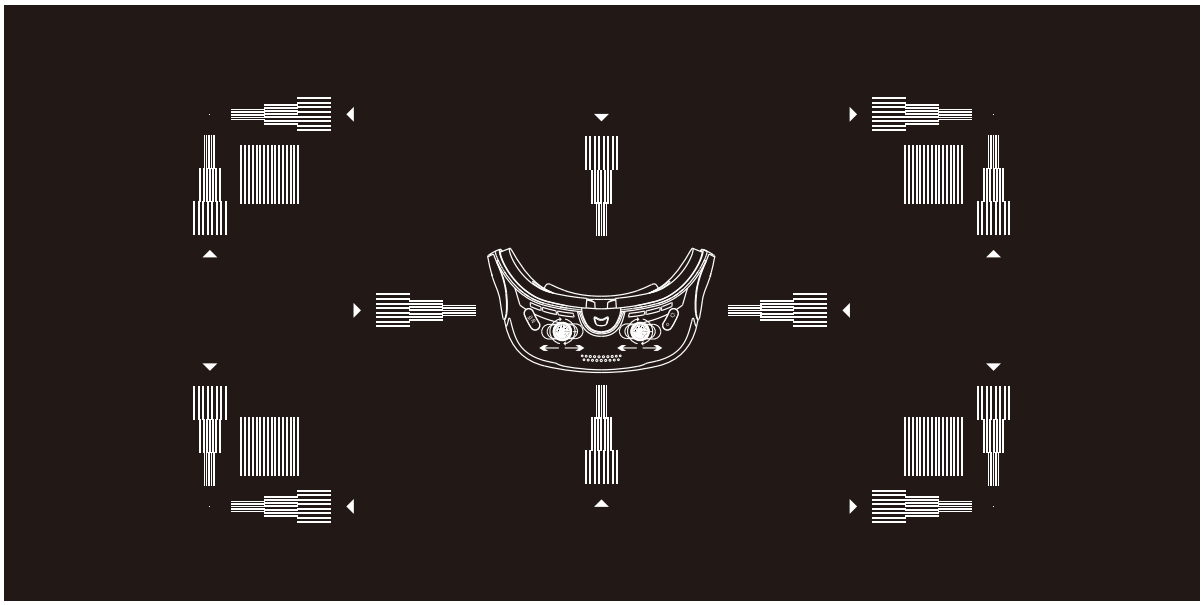




Tip: Before putting on the headset, make sure that the lenses on the G2 display windows are clean.

- ## Performing Accurate Visual Adjustment

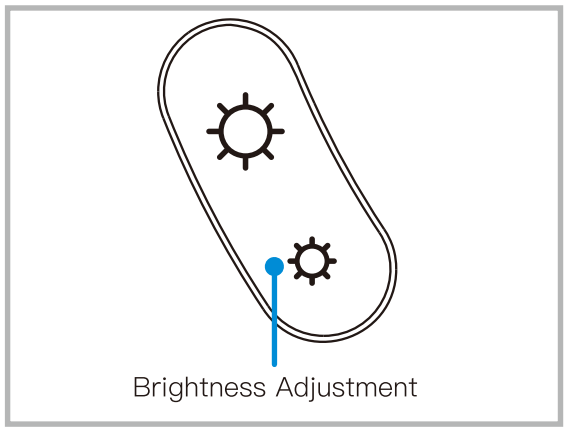
When the headset sits comfortably on your head, take the controller and enter the Settings interface, where you can select “Headset Adjust –> Vision & IPD Adjust ” and rotate the diopter adjustment knobs to the clockwise or counterclockwise to bring the image into sharp focus. Please close your right eye when adjusting your left eye, and vice versa. It is suggested that, when adjusting the vision, you begin from the blurry state until the image is sharpest, without any overlaps or shadows in the field of view. After adjusting for sharpness in each eye separately, open both eyes, and move the knobs towards or away from the center in order to find the correct IPD for your viewing comfort.

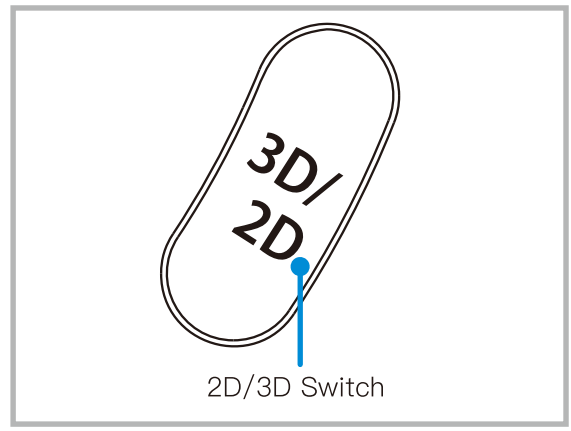


Tip: It is very important for you to perform accurate visual adjustment so that you can viewing movies comfortably.

- ## Adjusting the 2D/3D Mode and Display Brightness

Gently press the 2D/3D switch button to select the format consistent with that of your selected video or content. Press either end of the Brightness button to increase or decrease the brightness of display.





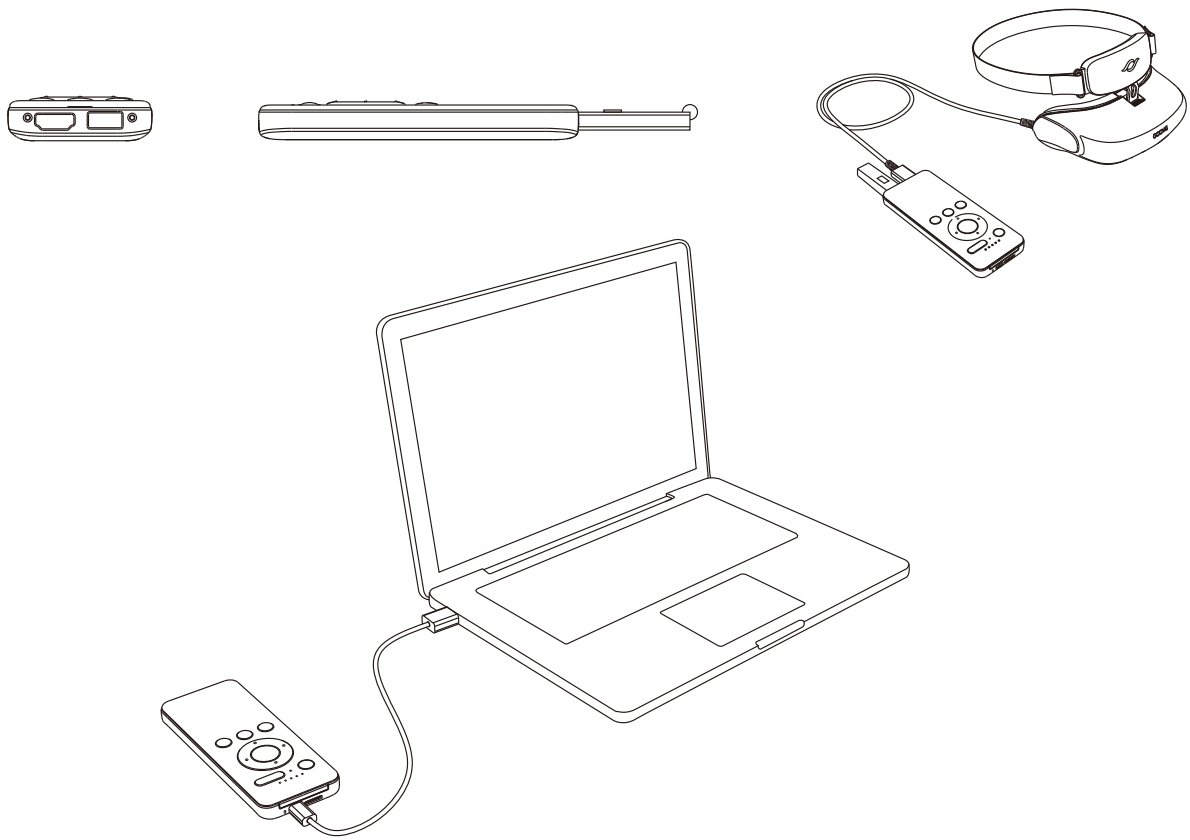
3. Starting Your Visual Feast

All user operations can be done through the GOOVIS G2 controller, such as Settings, WiFi/Bluetooth connections, movie uploading and viewing, APP download, and menu setup. For details, please go to the GOOVIS website and refer to the User Interface Operations Guide in the GOOVIS G2 User Manual.

4. How to Watch Movies

Currently, we suggest three ways to watch movies:

1) In the “Local Video” mode: Download movies into a USB storage, TF card, or the internal storage of the GOOVIS controller. For example, download movies to a USB disk and connect it to the GOOVIS G2 controller; or connect the GOOVIS controller and the computer with a USB cable, and then download movies from the computer to the GOOVIS controller.



Tip: To download movies from a computer to the GOOVIS controller, you need to install a smart phone management APP based on Android OS in your computer.

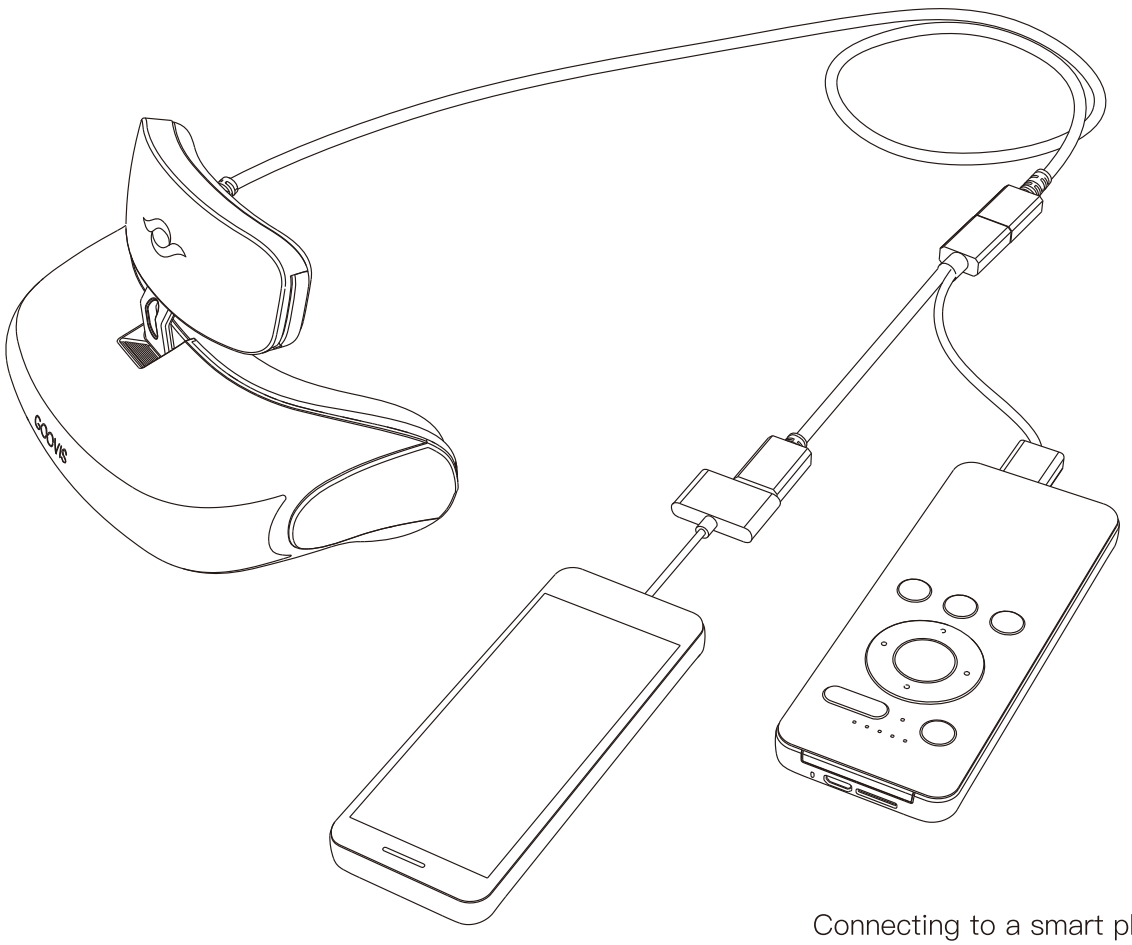
2) In the “My APPs” mode: Connect to WiFi via the GOOVIS controller, and then watch online video through Amazon video, Netflix, YouTube, or Hulu. (Note: Wire or wireless mouse will be required if you watch video through Netflix, YouTube, or Hulu.)

3) Via other devices: Connect the GOOVIS G2 directly to any device which provides a digital HDMI video interface. Examples include video game sets, DVRs, DVD Players, TV Tuners, Audio/Video Receivers, iPhones, Laptops, etc.

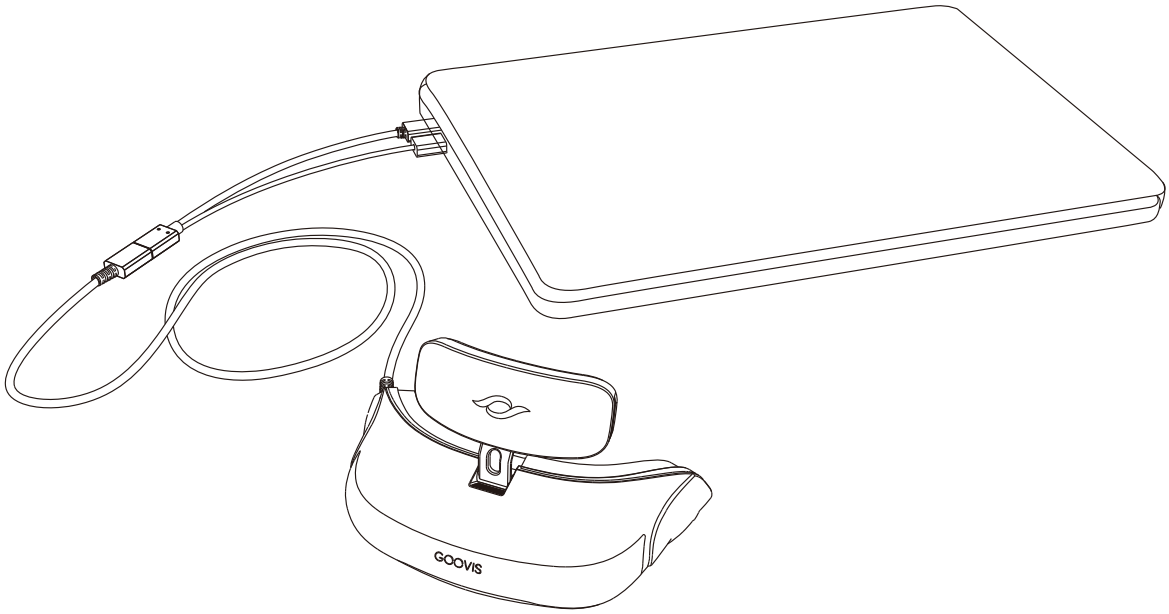
Note: If the peripheral device to be connected does not has an HDMI interface, you need to prepare an adapter to transfer the output signal port of the peripheral device to be connected into a standard HDMI signal port, and then connect the adapter to the HDMI socket of the GOOVIS HDMI adapter. For example, DP interface to HDMI interface, Type–C interface to HDMI interface, Lighting interface (for iPhones) to HDMI interface, etc. These can be optionally purchased from your local home electronics retailer.

5. Operation Guide for Peripheral Devices

You can connect the GOOVIS G2 with other devices like computers, PS4, Xbox, iPhones to enable even more functionality. Please go to www.goovisvr.com to download GOOVIS G2 User Manual for details.



Connecting to a smart phone



Connecting to a laptop

6. Charging Status

- ### Charge Indicator

After the Controller is connected to a power supply, the Charge Indicator flashes. When the battery is fully charged, the Charge Indicator will stay solid on.

- ### Battery Indicators

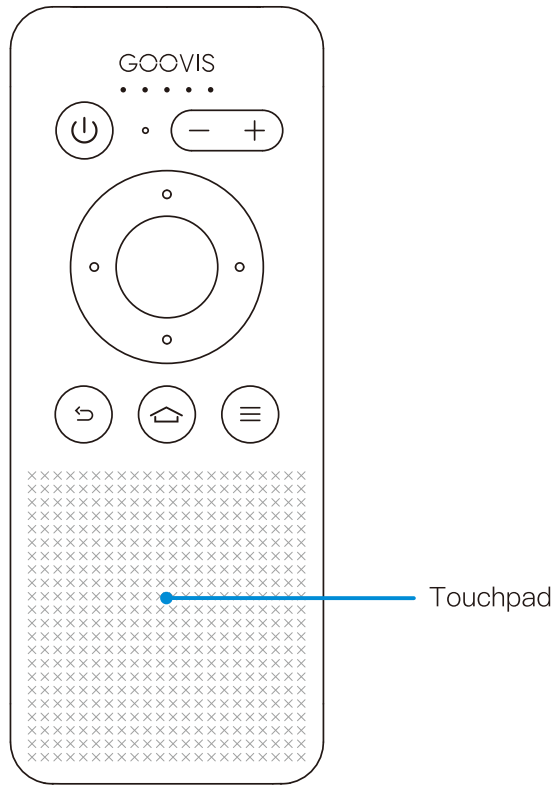
a) Charging while the Controller is on
The Battery Indicators flash at a level that corresponds with the battery charge state.

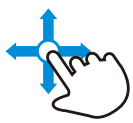
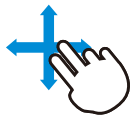
b) Charging while the Controller is off
During the charging process, only the Charge Indicator flashes. If you click on the Power button, the Battery Indicators will light up to show the battery charge state, and will go out after about 10 seconds.

Note: This charging mode is not recommended because it may lead to system crash that will require a system reset. If a system crash does take place, reset the Controller by pressing and holding the Power button continually for 12 seconds.

Tip: When the Controller is powered on, you can press the Power button to put the Controller into “Sleep Mode”. The screen will de-activate in a manner that is similar to that of a mobile phone’s screen.

7. Touchpad Operation



Graphics	Control Methods	Operations
	Slide on the touchpad with one finger.	**Move the cursor.** Equal to moving the mouse cursor.
	Click on the touchpad with one finger.	**Left click.** Equal to clicking on the left mouse button.
	Click on the touchpad with two fingers.	**Right click.** Equal to clicking on the right mouse button.
	Slide up/down/left/right on the touchpad with two fingers.	**Scroll pages horizontally/vertically.** Equal to moving the mouse wheel.

8. Specifications

Headset

Display: 2x0.71″ AMOLED display
Resolution: 1920×1080*2
PPI: 3147
Optical modules: 12 optical lenses
Virtual screen size: Equivalent to a giant 800-inch diagonal screen when viewed from a distance of 66 feet (20 meters)
Distortion: < 1.5%
FOV: 53°
Diopter adjustment: Ranging from +3D hyperopia to -8D myopia; left/right eye adjusted independently
IPD: 56mm – 72mm
Astigmatic lens: Optional
Sensor: Proximity sensor, 6-axis motion sensor
Headset main body dimensions: 7.3in x 4.3in x 2.2in (185mm x 109mm x 56mm)
Headset main body weight: 7.05 oz (200g)

Controller

System: Android 4.4
Processor: Octa core ARM Cortex™-A7
Memory: 2GB DDR3 RAM
Storage: 32GB FLASH, and supporting 256GB Micro-SD card (TF card) and USB mobile storage disk
Touchpad: Support
Bluetooth: BT4.0
WiFi: 2.4G/5G dual-mode
Audio formats: MP3, AAC, APE, WAV, FLAC, AC3
Video decoding: 1080P@60fps, 4K@30fps
Video formats: ISO, MKV, AVI, MP4, WMV, RMVB, MOV, TS
Picture formats: JPG, PNG, BMP, GIF and other major formats
3D: Side by side format
Battery: 5900 mAh Lithium Polymer battery
Charging voltage: 5V / 2A
Charging port: Micro-USB port
Operation hours: Around 4.5 hours
Controller weight: Around 6.70 oz (around 190g)
Operating temperature limitations: 32°F to 149°F(0°C to 65°C)

Miscellaneous

Earphone: 3.5mm universal earphone, Bluetooth earphone
External interface: Micro-USB, Micro-SD card, USB Type-A, HDMI
Peripherals: Keyboard, mouse, Bluetooth gamepad, Bluetooth earphone, Bluetooth speaker, mobile storage device

9. Support

STOP!

IF YOU ARE HAVING TROUBLE WITH YOUR GOOVIS HEADSET,

BEFORE RETURNING IT TO THE STORE WHERE YOU BOUGHT IT,

PLEASE!

ALLOW OUR PROFESSIONAL AND FRIENDLY

CUSTOMER SUPPORT TEAM

AN OPPORTUNITY TO HELP YOU RESOLVE ANY ISSUES

THAT YOU MAY BE HAVING.

PLEASE CONTACT US AT:

WWW.GOOVISVR.COM/SUPPORT

10. Safety Instructions

- Do not use any unspecified power adapter or USB cables as they may lead to malfunction or equipment damage.
- Do not attempt to replace the battery. The headset should be periodically recharged if you do not use it for long periods of time.
- Do not stretch or twist the HDMI cable because this may have a negative effect on the quality of signal transmission.
- Do not over rotate or press the head support, or it may be damaged.
- Do not block the air intake or outlet vents on the headset or the heat dissipation capabilities may be adversely affected.
- Carefully protect the lenses from dust or scratches. To clean the lenses, use a soft cleaning cloth and wipe them gently.
- Clean the surface with a soft cloth dipped in a mild detergent. Do not use solvents or alcohol products as these may damage the surface.
- Handle the headset with care for it contains precision optical modules that may be damaged by any accidental falls.
- Put the controller in a safe place to keep it from falling or being immersed in water. Otherwise, it may not function properly.
- Adjust the vision to the optimal state before watching your movies in order to avoid any discomfort.
- Do not over–rotate the viewing control knobs as it may cause them to be damaged.
- It is suggested that you rest regularly while using the device. Please stop immediately when you feel any discomfort such as eyestrain, fatigue, or nausea. You may resume use when the discomfort dissipates. Consult a doctor if the discomfort continues or is excessive.
- Watching video images or playing games using this device may affect the eyesight of growing children. It is suggested that children under 12 use the device under the careful guidance of their parents.

11. Warning

- Do not use or store the device in humid environments.
- Do not expose the battery or the device containing the battery to open flames or environments of extreme heat.
- Any unauthorized disassembly or opening of the device is forbidden and voids any warranty.
- Do not dispose of the product with the household garbage. Correct disposal of the device is conducive to protecting the environment and the human race from any adverse effect. The GOOVIS controller contains a Lithium Polymer (LiPo) battery.
- Changes or modifications to this device not expressly approved by Shenzhen NED Optics Co., Ltd. could void the user's authority to operate the device.

12. GOOVIS G2 Warranty

• Warranty Policy

In strict accordance with the Law of the PRC on the Protection of the Rights and Interests of Consumers and the Law of the People's Republic of China on Product Quality, the GOOVIS G2 is fully warrantied for repair, replacement or compensation for quality problems under the following condition:

Within 12 months of purchase or receipt of the device, as verified by a receipt, if it has any verifiable quality problems that have been confirmed by the GOOVIS G2 aftersales service center, you may have your device repaired or replaced without charge (except for shipping). The decision to replace or repair the device will be determined by the GOOVIS repair center depending upon the issue that is encountered.

The warranty policy as specified above does not apply to the after-sales service caused by the use for commercial purposes.

• Voided Warranty Policy

The following actions will void the warranty:

a) Unauthorized repair, misuse, damage, negligence, abuse, accident, alteration, water immersion, improper use of the GOOVIS G2, destruction or obliteration of labels or false proof mark, etc.

b) Use of parts unconfirmed by the manufacturer, and damage to the device caused by not following the operating instructions in its use, repair, maintenance, and transport or other accidents.

c) Consumable items including the cushion and the lens cleaning cloth, which are treated as being used upon unsealing of the product package.

d) Free gifts.

e) Damage that occurs outside of the warranty period.

f) Damage caused by force majeure.

13. FCC Compliance Statement

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

Note: 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.

FCC Radiation Exposure Statement:

The device han been tested and complices with FCC radiation exposure limits set forth for an uncontrolled hand-held use, this transmitter must not be co-located or operating in conjuncion with any other antenna or transmitter, please keep 20 cm from body when hand-held use