P1：

GOOVIS LOGO

GOOVIS PersonalTheater

GOOVIS G1 Quick Start Guide

P2：

Thanks for using the GOOVIS G1.

To quickly and correctly get hands on the GOOVIS G1, please read carefully the GOOVIS G1 Quick StartGuide. For details on the GOOVIS G1 Operating Instructions and Security Information, please go to www.goovisvr.com, where you can browse the GOOVIS G1 User Manual and other videos, or you can download the data you need.

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.

1. Getting to Know Your GOOVIS G1

1.1 Headset functions and user interface

（G1 Headset, Head Support, Headset USB Cable, Earphone Jack, Head Strap Interface, Diopter AdjustmentKnob, IPD AdjustmentRange, 2D/3D Switch, Brightness Adjustment, Heat Radiation Vents, Replaceable Face Cushion （需要标注在图片上）
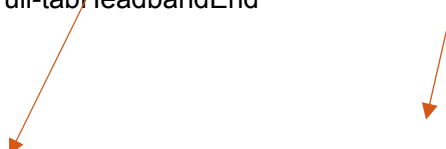
1.2 Control box functions and user interface

（Power,Volume Up, VolumeDown,Battery/Charge Indicator, Direction, Confirm, Backspace, Home,Menu, USB Interface, Micro USB/Charge Port, Heat Radiation Vent, Micro SD Slot）（需要标注在图片上）

1.3 Head strap functions &user interface

Button   Pull-tabHeadbandEnd

2. Fitting and Adjustment

2.1 Connecting the headset, head strap and control box

a) Pull up the support of the headset gently to the position shown in the figure below, and then connect the short HDMI cable of the headset to the HDMI Extension Cable.

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

c) Connect the headset to the control box with the HDMI extension cable, and press and hold the Power button on the left side of the control box until you see that the power and battery indicators on the right side of the control box illuminate.

Note: To shut down the headset, press and hold the Power button for about 2 seconds until you see that the indicator turns off.

2.2 Performing initial vision adjustment

The GOOVIS G1 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 adjustmentknob to a hyperopia/myopia scale that corresponds somewhat to your eye sight.

Note:Mapping between the scales on the vision adjustmentknob and the diopter:

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

2.3 Wearing the GOOVIS G1 headset

Press the button on the head strap to pop up the pull-tab, turn the pull-tab counterclockwise until you can easily put the headset on your head, and adjust it to the right height and angle so that you can comfortably watch the display window. Then turn

the pull-tab clockwise until the strap fits your head circumference, adjust it and make you feel snug, and press down the tab to fasten the strap. You can also adjust the headset by turning it slightly up or down.

ButtonPull-tabFlippable Headset Body

Note: Before putting on the headset, make sure that the lenses on the G1 display windowsare clean.

2.4 Performing accurate visual adjustment

When the headset sits comfortably on your head, take the control box and enter the Settings interface, where you can select "Vision Adjust"and rotate the diopter adjustment knobs to the clockwise or counterclockwiseto 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 move the knobs towards or away from the center in order to find the correct IPD for your viewing comfort.

2.5 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 videoor 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 G1 control box, such as Settings, WIFI/Bluetooth connection, movie uploading and watching, APP download, and menu setup. For details, please go to the GOOVIS websiteand refer to the User Interface Operations Guide in the GOOVIS G1 User Manual.

4. How to Watch Movies

Currently, we suggest four ways to watch movies:

1) 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 G1 controller; or connect the GOOVIS controller and the computer with a USB cable, and then download movies from the computer to the GOOVIS controller.

（这里换个图片，要标准的 U 盘，不要带 GOOVIS 标志的，可以 P 图。插入 U 盘前一张，插入 U 盘后一张。）这里再补充一个从 USB 连接电脑和 GOOVIS 控制盒的图

Note: 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) 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) Connect the GOOVIS G1 to a smart phone through mirror casting by using the HappyCast App . WIFI network is required for this kind of connection.Following are operation instructions for enabling the Airplay function of iPhones via the GOOVIS G1 :
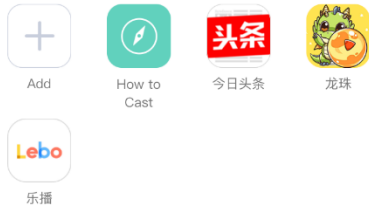
a) Make sure the GOOVIS G1 and your iPhone are connected to the same Wi-Fi network.

b) Download the HappyCast App in the App Store on your iPhone.

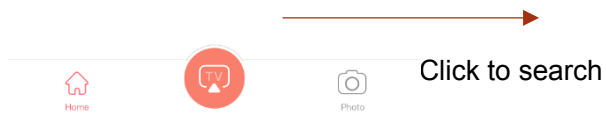c) Click Add to add videos.

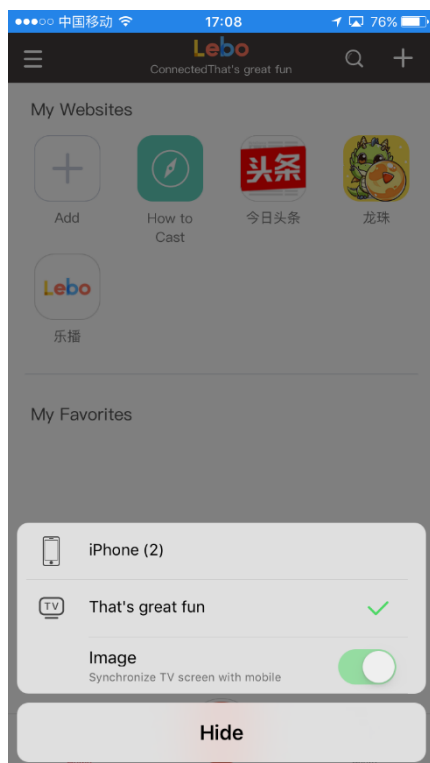d) Open HappyCast APP, click the red button to search for you're the GOOVIS G1.

Click to search
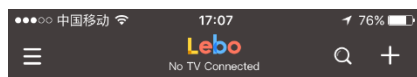
e) Select the name of your GOOVIS G1 and turn on the **Image** button to synchronize your GOOVIS G1 screen with your iPhone.
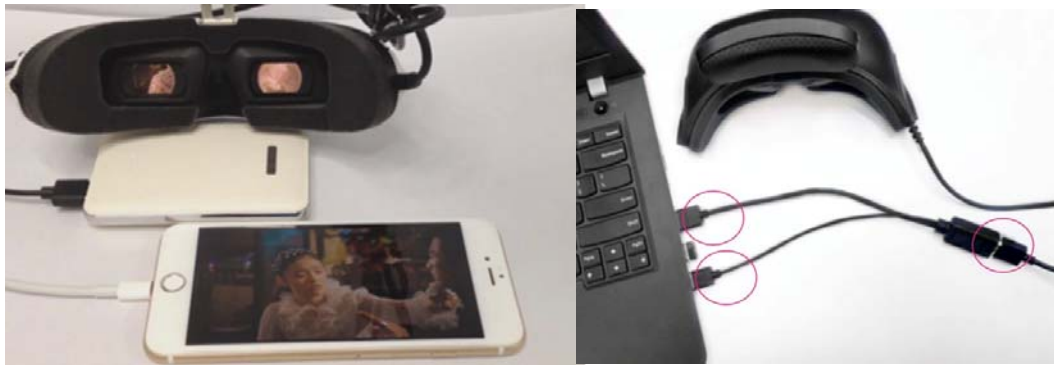
f)   You may also click How to Cast icon [icon] to learn the detailed operations.

4) Connect the GOOVIS G1 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.

（请文庆在图片下面标明：Connecting to a smart phone, Connecting to a laptop,）

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. Correct Storage Mode

After using the headset, please turn it off, detach the strap, pull out the HDMI extension cable that connects the headset with the control box, and pack them up in the following way:

a)   Adjust the strap length to its minimum length, and put the strap and the control box inside the portable bag.

b) Place the headset into the bag by aligning the visual adjustmentknob to the two round holes of the bag. Make sure that you put the sponge and strap properly without compressing them.

c) Coil up the HDMI cable of the headset in the gap between the strap and the portable bag, with its plug being set in the space between the earphone hole and the bag (figure). Then coil up the HDMI extension cable carefully and put it on the top of the control box (figure).

d) Finally, press down the headset support and fold it.

6. Special Functions

6.1 Shortcut tips

In the Settings interface, you can press the Confirm key for several seconds in order to automatically enter the Vision Adjust interface.
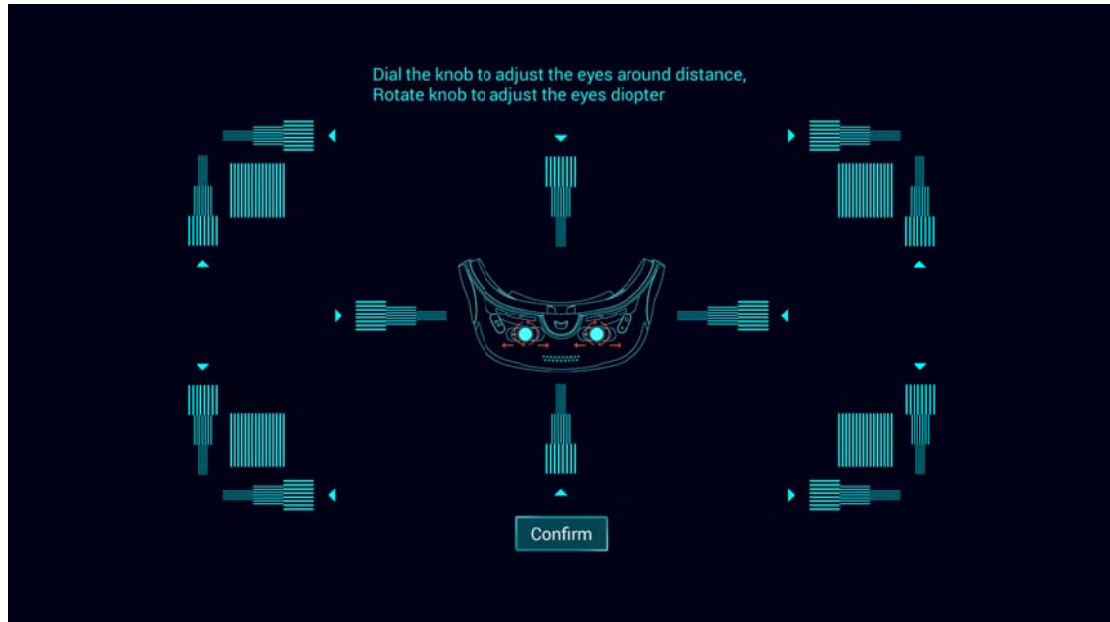
6.2 Reset of the control box system

Press the Power button continually for 12 seconds to perform a reset of the control box system.

7. Specifications

➢ Display Information

Display: 2 x 0.71" AMOLED display

Resolution: 1920×1080*2

PPI : 3147

➢ **Optical Information**

Optical modules: 12 optical lenses

Virtual screen size: equivalent to a giant 800-inchdiagonal 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 eyeadjusted independently

IPD: 56mm - 72mm

➢ **Audio-Video Formats**

3D: side by side format

Video decoding: 1080P@60fps, 4K@30fps

Video formats: MKV, RMVB, AVI, WMV, MOV, FLASH, MPEG-1, MPEG-4, M-JPEG, H.261, H.263, H.264, H.265

Audio formats: MP3, AAC, APE, WAV, FLAC, AC3

Picture formats: JPG, PNG, BMP, GIF and other major formats

➢ **Configurations**

Processor: 8 core ARMCortex-A7, 2.0 GHz

Storage: Supporting256GB TF card and USB mobile storage disk

Bluetooth: BT4.0 dual-mode

WIFI: 2.4G/5G dual-mode

Audio: Stereotype output

System: Android 4.4

➢ **Battery**

Type: Lithium Polymer battery

Capacity: 5900 mAh

Charging voltage: 5Volt / 2Amp

Charging port: Micro USB port

Working duration: Around 4.5 hours

➢ **Miscellaneous**

Earphone jack: 3.5mm universal earphone

External interface: micro-USB, micro-SD card, USB Type-A, HDMI

Peripherals: keyboard, mouse, Bluetooth gamepad, Bluetooth earphone, Bluetooth speaker, mobile storage device

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)

Head strap weight (standard): 2.47 oz (70g)

Head strap weight (simple): 0.7 oz (20g)

GOOVIS controller weight: 6.70 oz (190g)

Operating temperature limitations: 14^0F to 140^0F(-10˚C to 60˚C)

8. Support

For support and help with troubleshooting and FAQs, please visit our website www.goovisvr.com/support.

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9. Safety Instructions

➢ Do not use any unspecified power adapter or USB cables as they may lead tomalfunction 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 for. 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 damage or contort the head strap.

➢ Do not block the air intake or outlet vents on the headset or the heat dissipation capabilitiesmay 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 control box 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.

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10. 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.

11. GOOVIS G1 Warranty

10.1 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 G1 is fully warrantied for repair, replacement or compensation for quality problems under the following condition:**

Within twelve (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 G1 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.

10.2 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 G1, 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) Damage that occurs outside of the warranty period.

d) Damage caused by force majeure.

12. FCC Compliance 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.

The manufacturer is not responsible for ANY interference, for example RADIO or TV interference, caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co‐located or operating in conjunction with any other antenna or transmitter.
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 is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1‐2010 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

*Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.　Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the poser required to reach the network.

In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the device as reported to the FCC when worn on the body, as described in this user guide is 0.606 W/kg (Body‑worn measurements differ among device models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid

13.Manufacturing Information

Product: Personal Theater

Model: G1

The Equipment named above is confirmed to comply with the requirements set out in The European Council Directive on the Approximation of the Laws of the Member States relating to RED (2014/53/EU) and RoHS (2011/65/EU). The equipment complies with the following European standards:

EN 300 328 V2.1.1; EN 300 440 V2.1.1; EN 301 893 V2.1.0

EN 301 489-1 V2.1.1; EN 301 489-17 V3.1.1

EN 50566:2013/AC:2014; EN 62479:2010; EN 60065:2014

This product contains:

2.4 GHz WiFi< 20 dBm; 5.2 GHz WiFi: < 15 dBm; 5.8 GHz WiFi< 14 dBm;

Bluetooth < 5 dBm

Manufacturer:

Shenzhen NED Optics Co., LTD.

Rm W101, 1/F, West Block, PKU-HKUST SZ-HK Institution, No 15, Gaoxinnan7th Rd, Nanshan District, Shenzhen, China

Product certification: CCC, CE, FCC