

I-CINE™

User's Manual

VIDEO GLASSES / GVD310A/410/510



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Dear Users:

Thank you very much for buying this LCD virtual display of our company.
This product is a new display device with leading technology, which can
offer you unprecedented audiovisual feelings. In order that you can operate
and maintain this product better, we recommend you to carefully read this
specification before you use it. Thank you!

Warning and precautions

Warning

- * When you feel malaise with your eyes or any other part of your body, do not continue to use this product.
- * When you use this product to watch video for a long period of time, you should pause and take a rest every 2.5 hours to avoid any possible eyesight affection.
- * Try to avoid the videos with dynamically changing colors or brightness when using this product, or you will have malaise and your health will be affected.
- * Do not use this product when it is raining, hailing, dewing, or humid, or there is the possibility of electrical shock.
- * Do not use this product when it is thundering and lightning or it is going to be thundering or lightning, or there is the possibility of lightning strike.
- * Please properly keep and use the power adapter, and do not damage the plastic insulation of the wire, or there is the possibility of electrical shock.

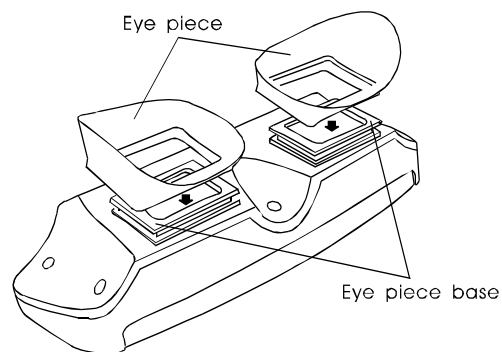
Precautions

- * Do not put this product in the humid places or places that might be caught in rain, and do not put this product in the environment of high temperature (such as in the direct sunshine), or the product may distort or be damaged.
- * Do not put any heavy thing on this product.
- * There are precise optical parts in this product, and it shall be protected from strike and the lens shall be protected from scratch.
- * Do not put this product close to the heat source, and protect the product from dust, humidity and shock.
- * Keep the window glass clean, and clean the window glass with soft cloth or paper
- * The left and right legs of this product are equipped with retainers, and do not twist the legs with too much force, or you may damage them.
- * When pulling the signal line off the audiovisual equipment, please hold the terminal, and do not directly pull the line.
- * When using power adapter, please check first if the voltage meets requirements, thus avoiding burning of the circuit or any other risk.

Trouble Shooting & Solution

Problem	Reason	Solution
No image	Fail to start video device	Start video device
	Wrong connection or poor contact	Make re-connection
Not clear image	Dirty lens	Clean the lens
	Wrong viewing window location	Adjust the position of the display
	Brightness or contrast is not properly adjusted	Adjust the brightness or contrast
Sudden power cut-off	Poor contact of AC adapter	Reconnect to power supply
Image disappears	Chargeable battery is out of power	Use AC adapter or recharge the battery
Some individual color points on the picture	The effective pixels of the LCD account for above 99.9%, and individual color points are not regarded as malfunction	
No sound	Improper volume adjustment	Adjust volume
Quick power consumption of the chargeable battery	The service life of the chargeable battery ends	Change new chargeable battery
When using wireless device, big interference of picture and sound	Close to strong magnetic field, or too long distance from Wireless transmitter and receiver.	Stop for a while or move wireless transmitter and Receiver closer

Assembling eyepiece



With the eye covers installed, you'll view the movie more comfortably.
But when wearing glasses, this may be unnecessary.

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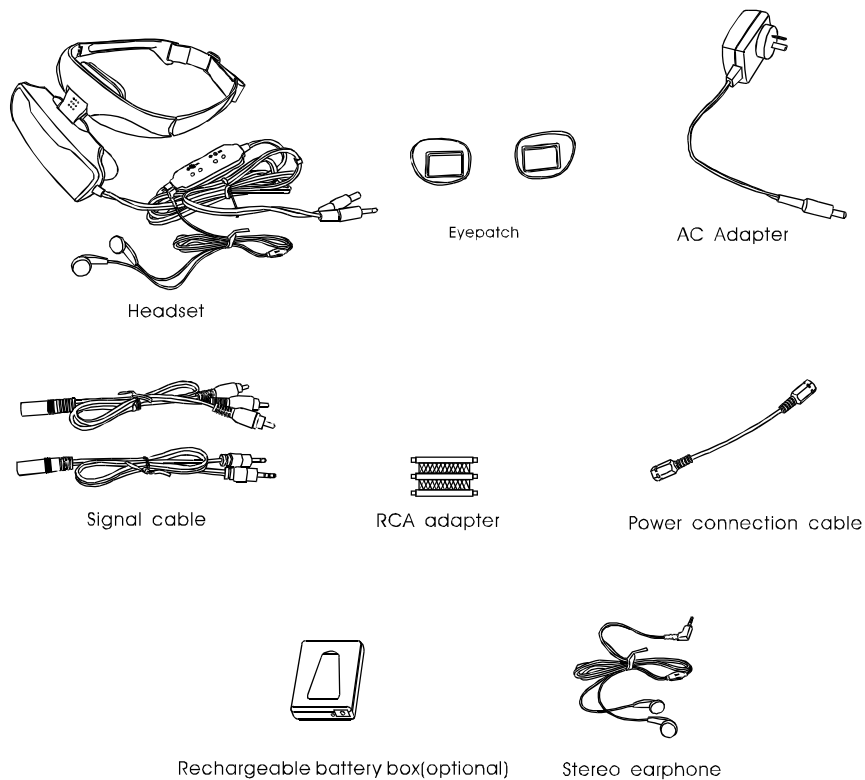
Technical Features

Item \ Model	GVD310A	GVD410	GVD510
Input power supply	DC 4.5-12V stable voltage	DC 5.0-12V stable voltage	DC 5.0-9.5V stable voltage
Power adapter	output DC9V stable voltage	output DC9V stable voltage	output DC9V stable voltage
Lithium battery	7.2V/1100mAh	7.2V/1100mAh	7.2V/1100mAh
Power consumption	Less than 1W	Less than 1.2W	Less than 1.5W
Input signal	NTSC/PAL color video signal	NTSC/PAL color video signal	NTSC/PAL color video signal
Pixel	Full color 180,000 pixels	Full color 230,000 pixels	Full color 922,000 pixels
View angle	diagonal 22 degrees	diagonal 26 degrees	diagonal 28 degrees
Picture size	equal to 42 inch picture 3 meters away	equal to 50 inch screen 3 meters away	equal to 56 inch screen 3 meters away
AV input terminal	quadrupole $\varnothing 3.5$	quadrupole $\varnothing 3.5$	quadrupole $\varnothing 3.5$
Video input	NTSC/PAL(can be chosen) 1Vpp/72 Ω	NTSC/PAL(Auto) 1Vpp/72 Ω	NTSC/PAL(Auto) 1Vpp/72 Ω
Audio input	two-channel stereo	two-channel stereo	two-channel stereo
Power input terminal	$\varnothing 4.0$	$\varnothing 4.0$	$\varnothing 4.0$
Working temperature	0-45 $^{\circ}$ C	0-45 $^{\circ}$ C	0-45 $^{\circ}$ C
Storage temperature	-20 $^{\circ}$ C~70 $^{\circ}$ C	-20 $^{\circ}$ C~70 $^{\circ}$ C	-20 $^{\circ}$ C~70 $^{\circ}$ C
Weight	200g	200g	200g

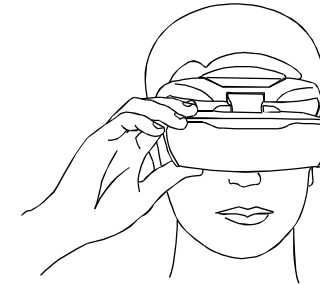
Product Features

- * Mini LCD display, no radiation, no damage to eyes.
- * Unique optical system is adopted to dummy the mini display into 42-56 inch large display 3 meters away.
- * With broad adaptability, it can be connected to standard AV sources or PC.
- * Delicate structure, easy operation, convenience of portability.
- * Adjustable volume, brightness and contrast.
- * Those who wear glasses can also use this product

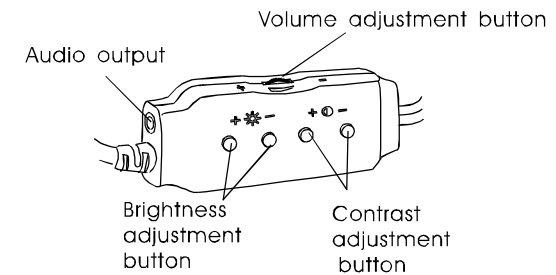
Packing Details



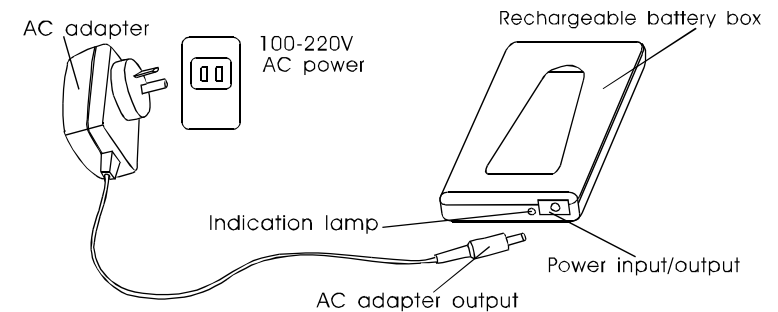
7. Adjust the glasses as close to eyes as possible



8. Adjust the contrast, brightness and volume



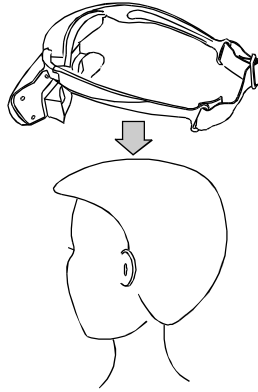
Recharging Battery



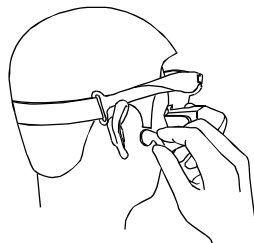
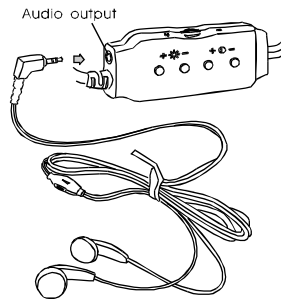
*The recharging time is around 2.5 hours, and the continuous time will be 5 hours.

4. Start video player or PC.

5. Adjust fasten belt and fit on your head as shown

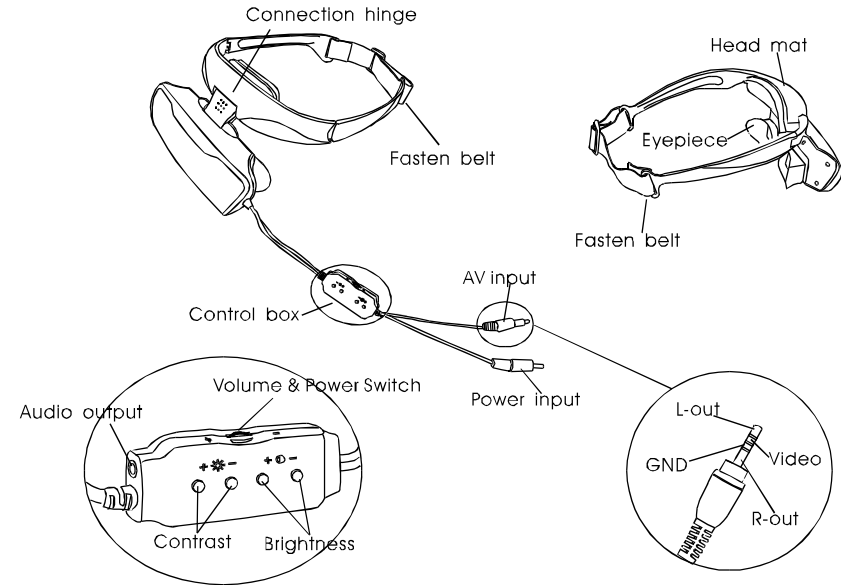


6. Plug the earphone to the audio part on the control box, then put the earphone into your ears.

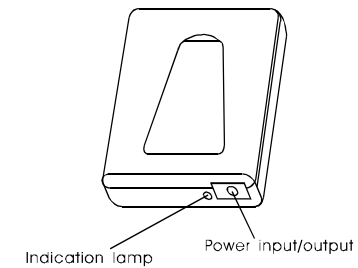


Description

i. Headset



ii. Rechargeable battery box

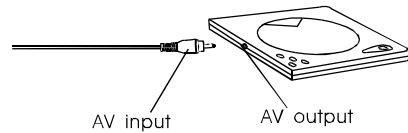


Operation

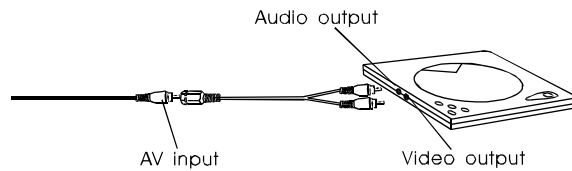
You can follow the below steps to operate this product

1. connect the below video sources with AV terminal:

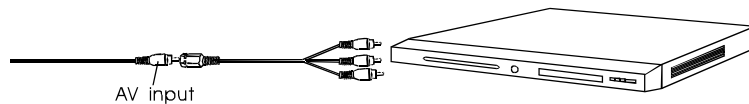
A. AV output player.



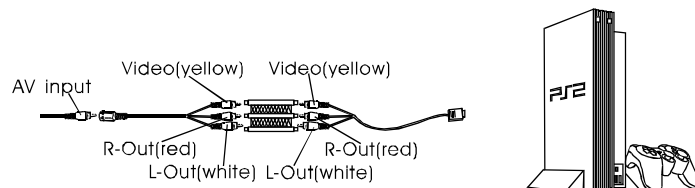
B. Audio and Video output player



C. Audio(L), Audio (R) and Video output player

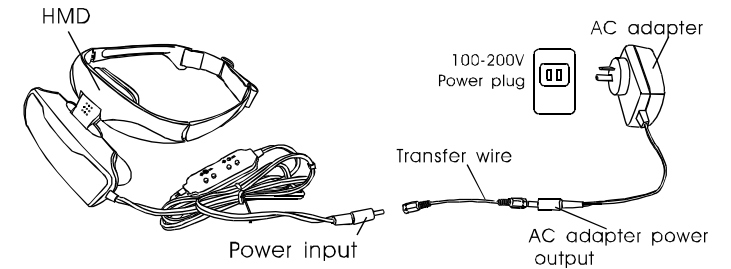


D. Video game-player

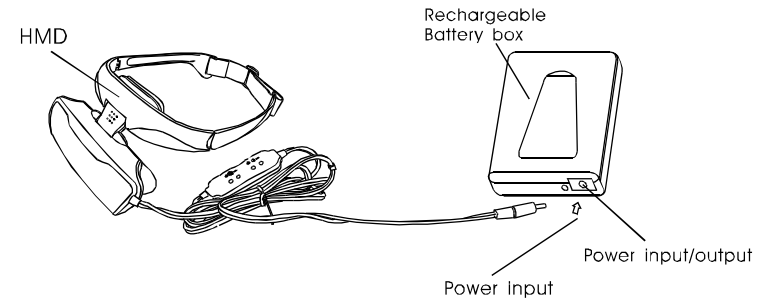


2. Connect the below power supply with power terminal:

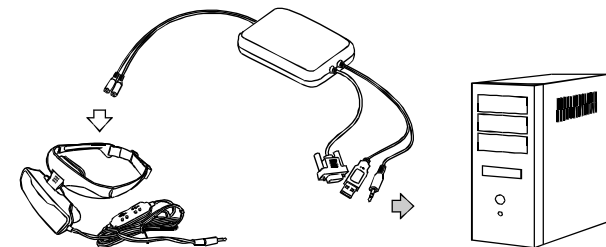
A. AC adapter



B. Battery box



3. Connect the PCs using PCs adapting cable, which you need to buy in the market.



In this case, the product can be powered by USB output.

*In this application, the image quality would be descend, it is normal