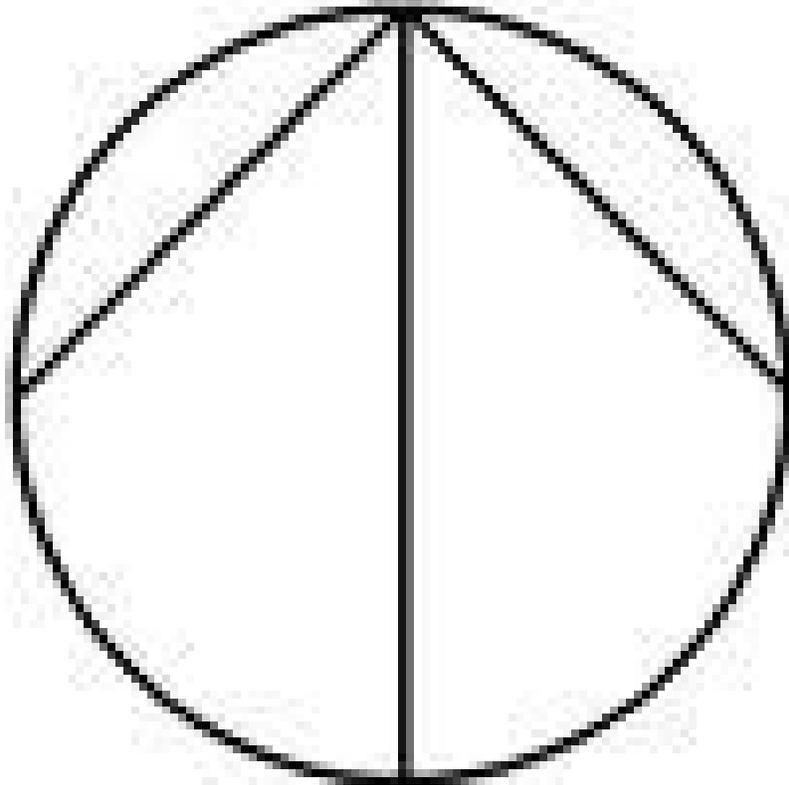


GreerTech Lotus VR Headset Instructions



Construction

Required Materials

To make the GreerTech Lotus VR Headset, you need the required materials.

You will need safety goggles. They can be found on Amazon or most home improvement stores;



You will also need;

- Hot glue
- Super glue
- 1-inch wide elastic
- A moderately-sized smartphone
- Heavy Duty Zip Ties 12"x0.19" (+-0.01") (1 zip tie required)
- Wireless earbuds

Printing

Wall Thickness: 1.2 mm

Print the files at the following infill densities

- GreerTech Lotus VR Headset Print: 100%

Attaching the print to the goggles

Use super glue to attach the goggles to the print (GreerTech logo facing downward). Leave it to dry standing up. Afterward, use hot glue on the edges to reinforce it.



Note how the nose section aligns with the goggles

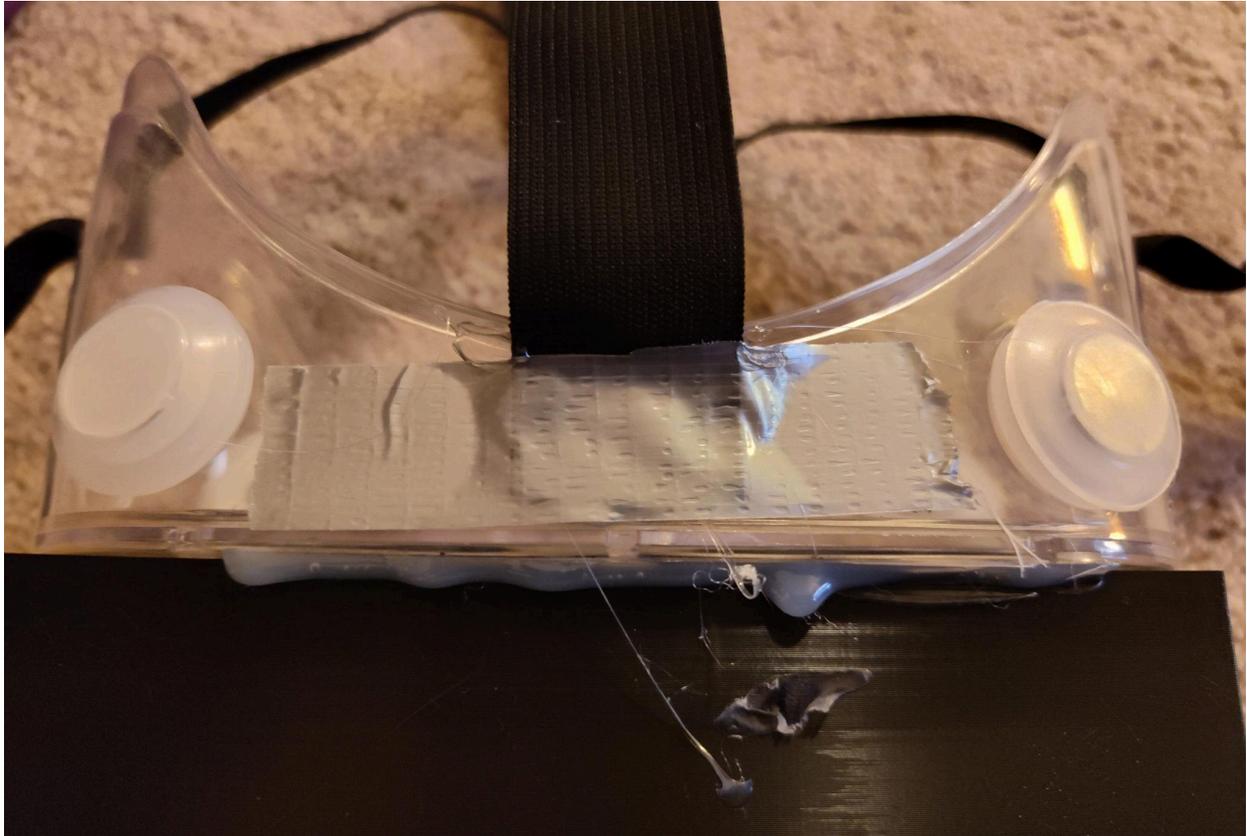
Zip Tie

Put your phone on the other end. Thread a zip tie and tighten it, but not too much. Trim the excess zip tie.



Third band

First, put the headset on with the phone in. Then tighten the bands on the goggles. Then, cut out a length of the elastic as long as the distance from the middle of your eyebrows to the back of your skull. Then, glue it to the top of your safety goggles with a liberal amount of hot glue. Use a strip of duct tape to further hold it in place, and add more hot glue. Afterward, tie the end of the elastic to the safety goggle headband.



Usage

VR Video

Find a video filmed entirely from a POV perspective (avoid GoPro videos). Play it on your phone, and place the phone in the headset. Then, put in the headset.

VR Video Games

Use Steam Link to link your phone to your computer. Make sure the on-screen controls are removed. Place a controller in short range of you, and put the phone in the headset. Then put on the headset, and grab the controller.

Holodeck

Install GMod, and use the same method as the VR Video Games.

Night Vision Binoculars

Install a night vision app. Place the phone in the headset with the app open.

Safety

- If you have eyestrain, temporarily discontinue use
- If you have motion sickness, temporarily discontinue use.
- Do not turn up the screen brightness too high

LEGAL DISCLAIMER

I AM NOT RESPONSIBLE FOR ANY INJURY AND/OR DEATH CAUSED BY THE CONSTRUCTION AND/OR USAGE OF THE DEVICE DESCRIBED IN THIS MANUAL.

I AM NOT RESPONSIBLE FOR ANY CRIME COMMITTED BY THE CONSTRUCTION, POSSESSION, OR USAGE OF THE DEVICE DESCRIBED IN THIS MANUAL.