

## Quantum goggle for the farsighted – 3 pages

I am farsighted – Need reading glasses – So the fresnel lenses that come with the Quantum goggles did not work for me. Searching the web I found a combination of things that made the goggles work pretty good. Most of this came from postings on the web.

Notes:

Quantum should have made the case 2 inches (50mm) longer since most people are needing to mount the display outside the case.

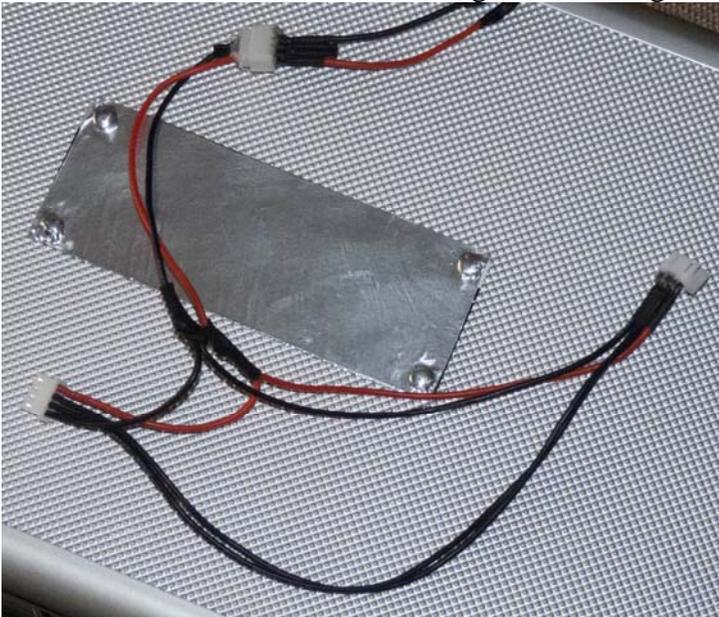
Unlike the Fatshark goggles, I need my eyes feel slightly cross-eyed to focus on points on the screen.

Moved video display outside of case.

- 1) Made a balance plug Y connector so goggles and receiver could run off same battery.
- 2) Moved display screen to outside of case and attached ski goggles to the back.
- 3) Replaced fresnel lens with Harborfreight item #37708.
- 4) Added folding +5 diopter eyeglasses.

### **1) Made a balance plug Y connector so goggles and receiver could run off same battery.**

- The outer red and black wire give full voltage from the 3s battery.



## 2) Moved display screen to outside of case and added ski goggles to back..

- On the left is the display hot glued to the foam frame.
- On the top is the attachment for the folding +5 diopter glasses.
- On the bottom you can see the cord coming out of the foam. I did this because it is less likely to have a stress break inside the display.
- The ski goggles are hot glued to the back, have a notch cut out for the top of the folding glasses, and I used wing edge tape from my Cessna to cover the excess openings. Wing edge tape sticks better than any tape I have ever used.
- The tab which would normally be on the fresnel lens is now attached to the Harborfreight magnifying glass.



## 3) Replaced fresnel lens with Harborfreight item #37708.

I cut off the handle of the magnifying glass and added tabs like the fresnel holder has. It is much sharper and easier on the eyes.



4) Added folding +5 diopter eyeglasses.

