

Overview

This document details out how to:

1. Troubleshoot your Oculus HMD.



Limitations

1. This document corresponds only to:
 - a. Computers running SimSpray software version 2.0 or later.
 - b. SimSpray systems with the Oculus Rift HMD (Head Mounted Display) (a.k.a, FMD or Face Mounted Display).

NOTE: These instructions should be performed by a technical resource, instructor or owner familiar with the SimSpray. If you need assistance updating your SimSpray, please contact your local VRSim Distributor or VRSim Technical Support.

Instructions

Step 1. *Diagnose the Oculus*

- A. Turn your SimSpray on.
- B. Wait until the SimSpray software has loaded.
- C. Look at the inside of the Oculus, and identify:
 1. Is the light on?
 2. What color is the light?
 - a. **Off** = F3 not connected or bad
 - b. **Yellow** = F3 connected, but something else is wrong
 - c. **White** = good



Step 2. *Turn off SimSpray*

- A. Click on the *SimSpray* menu on the Touch Screen, choose to *Shut Down*, and choose *Yes*.

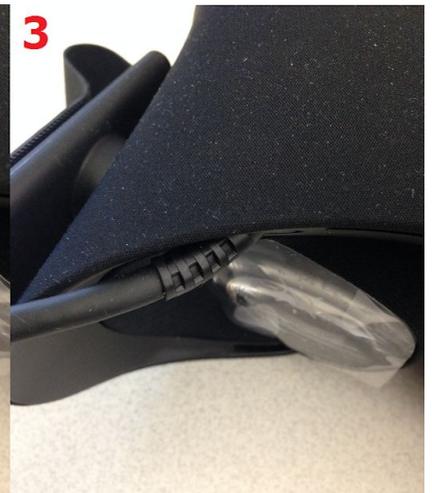
- B. Wait for the blue and orange lights on the front of the Computer to turn off.
- C. Turn off the Power Strip.

Step 3. Troubleshoot - No light

- A. If there was no light (the light was black), then remove the Oculus Rift Fit (the foam and plastic piece you normally put against your face) from the Oculus.



- B. Inspect the Oculus cable. Make sure it is pushed in tightly.



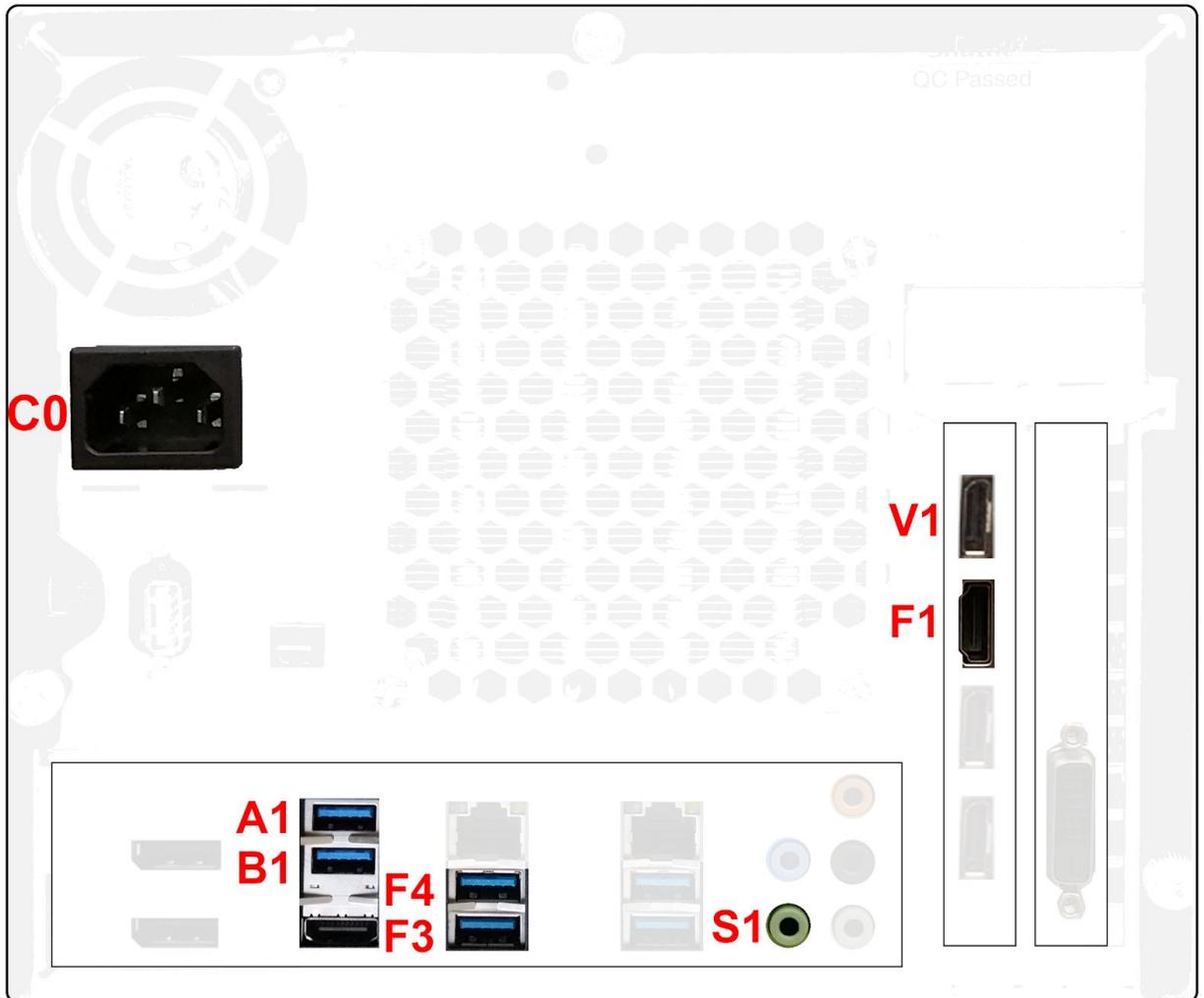
- C. Put the Oculus Rift Fit back on.



- D. In the front of the Case, check the F3 connection to the F3 ext cable and make sure the cables are tightly connected into each other.



- E. Check the *F3* connection at the back of the Computer and make sure it is in the proper slot and in tightly.



Step 4. **Troubleshoot - Orange light**

Note: This could be caused by an Oculus firmware mismatch with Oculus software or “Unknown sources” is set to off in the Oculus software. Contact VRSim tech support if the below steps do not work.

- A. If the light was orange, then on the front of the Case, check the *F1* connection to the *F1 ext* cable and make sure the cables are tightly connected into each other.
- B. Check the *F1* connection at the back of the Computer (see diagram above) and make sure it is in the proper slot and in tightly.

Step 5. **Turn the System On**

- A. Turn on the SimSpray bay’s Power Strip.
- B. Turn on the Computer.
- C. Wait for the SimSpray *Turn on your Sony HMD* setup page to appear.
- D. Follow the onscreen instructions to setup your HMD.
- E. Verify that:
 - 1. The light on the Oculus is on and white.
 - 2. While you are wearing the Oculus, there is an image and/or text in the Oculus

Step 6. **Other**

Contact VRSim tech support if the above steps do not work.