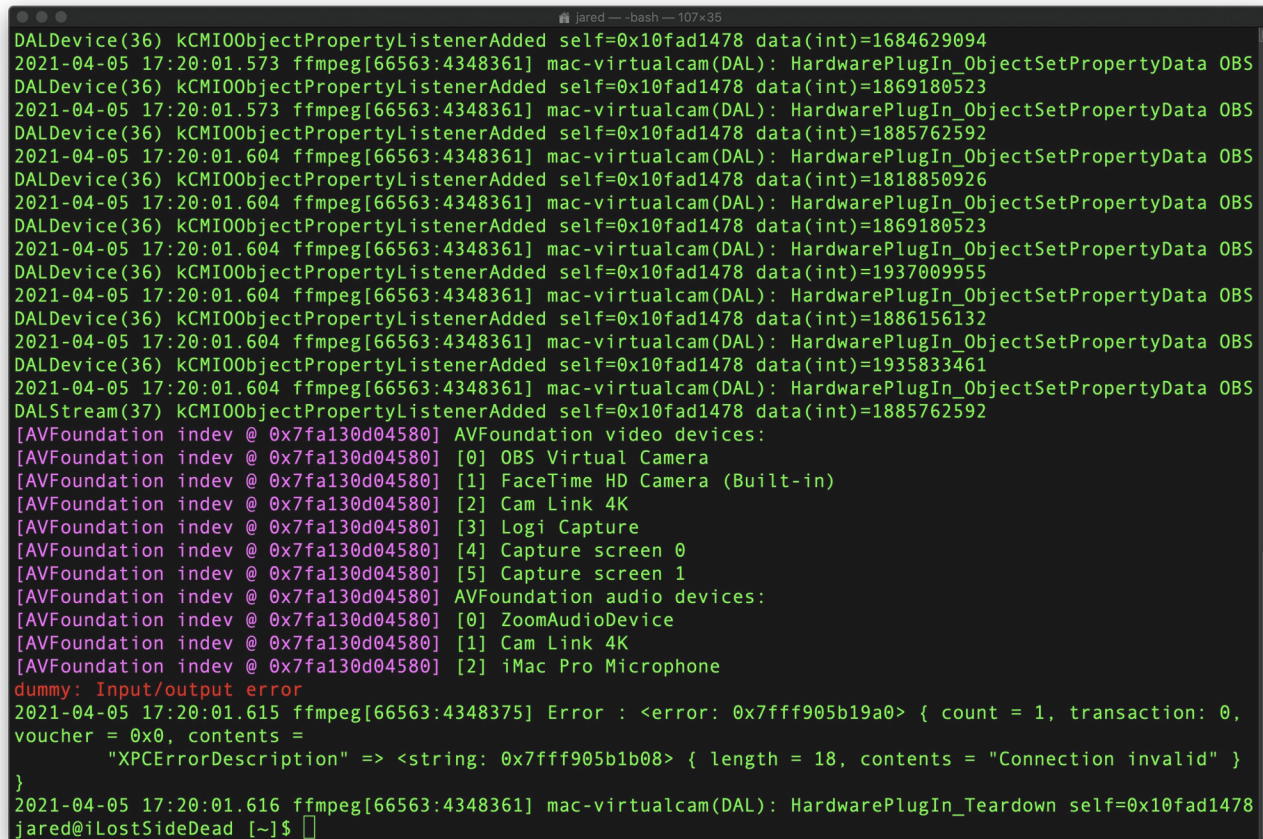


AcidcamGL and CamLink 4K on macOS

First compile x86_64 static version of acidcamGL

To Setup and use acidcamGL and Camlink 4K first power on your HDMI device and connect it to the Camlink 4K and then issue this command in the terminal.

```
$ acidcamGL --list
```



```
jared --bash -- 107x35
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1684629094
2021-04-05 17:20:01.573 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1869180523
2021-04-05 17:20:01.573 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1885762592
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1818850926
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1869180523
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1937009955
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1886156132
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALDevice(36) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1935833461
2021-04-05 17:20:01.604 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_ObjectSetPropertyData OBS
DALStream(37) kCMIObjectPropertyListenerAdded self=0x10fad1478 data(int)=1885762592
[AVFoundation inde v @ 0x7fa130d04580] AVFoundation video devices:
[AVFoundation inde v @ 0x7fa130d04580] [0] OBS Virtual Camera
[AVFoundation inde v @ 0x7fa130d04580] [1] FaceTime HD Camera (Built-in)
[AVFoundation inde v @ 0x7fa130d04580] [2] Cam Link 4K
[AVFoundation inde v @ 0x7fa130d04580] [3] Logi Capture
[AVFoundation inde v @ 0x7fa130d04580] [4] Capture screen 0
[AVFoundation inde v @ 0x7fa130d04580] [5] Capture screen 1
[AVFoundation inde v @ 0x7fa130d04580] AVFoundation audio devices:
[AVFoundation inde v @ 0x7fa130d04580] [0] ZoomAudioDevice
[AVFoundation inde v @ 0x7fa130d04580] [1] Cam Link 4K
[AVFoundation inde v @ 0x7fa130d04580] [2] iMac Pro Microphone
dummy: Input/output error
2021-04-05 17:20:01.615 ffmpeg[66563:4348375] Error : <error: 0x7fff905b19a0> { count = 1, transaction: 0,
voucher = 0x0, contents =
"XPCErrorDescription" => <string: 0x7fff905b1b08> { length = 18, contents = "Connection invalid" }
}
2021-04-05 17:20:01.616 ffmpeg[66563:4348361] mac-virtualcam(DAL): HardwarePlugIn_Teardown self=0x10fad1478
jared@iLostSideDead [~]$
```

The device number if what you are looking for in this case on my system it is 2.

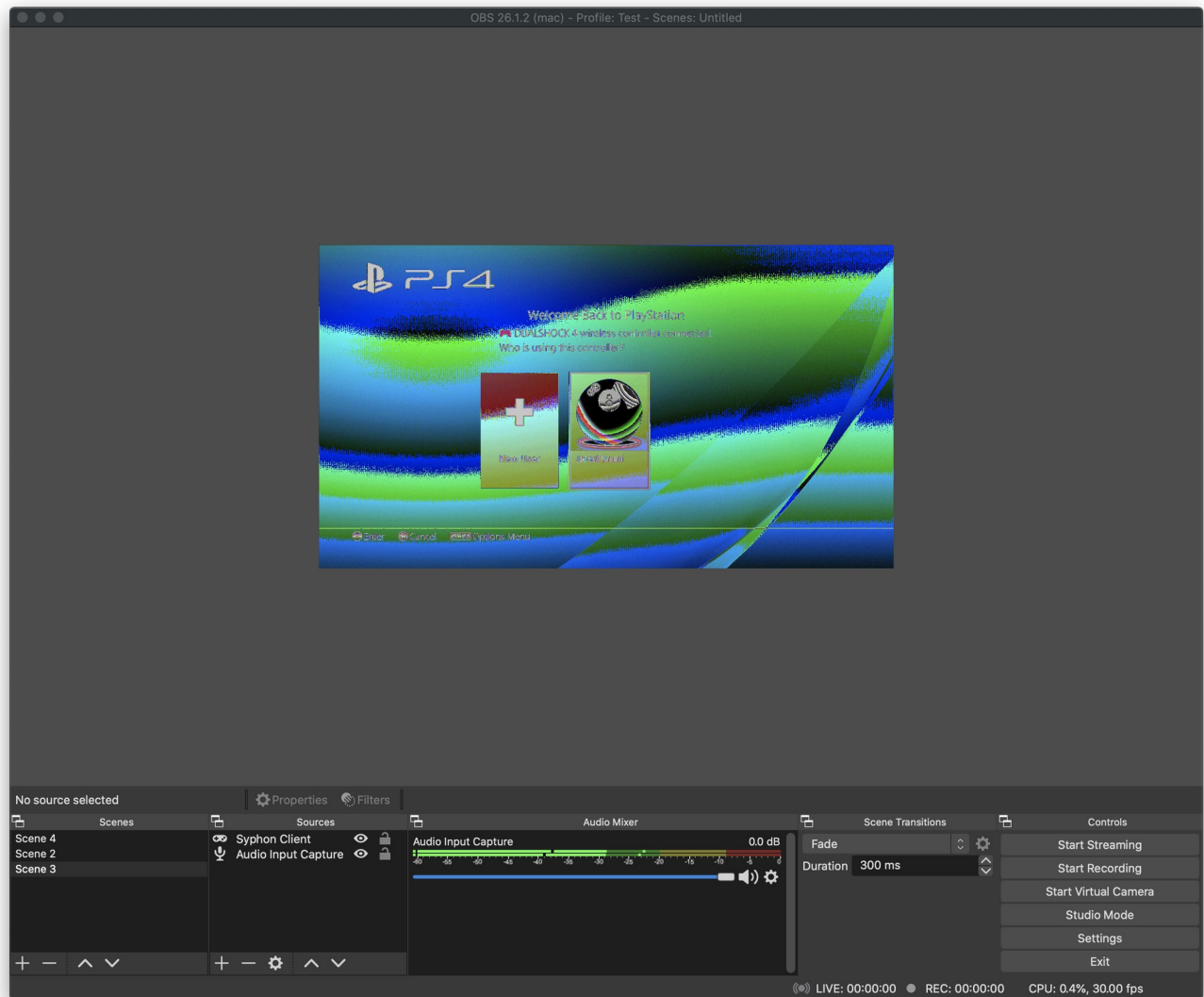
To start up acidcamGL with the Cam Link 4K issue the following command:

```
$ acidcamGL -d 2 -g -p filters
```

-p filters with the path to shaders or use the shell variable SHADER_PATH

You will also want to use -Y to output as a Syphon Server for use with OBS and also select a playlist I recommend a fast playlist or glitch playlist look at the playlist folder

```
$ acidcamGL -d 2 -g -p filters -L ../playlist/UltraFast.key -Y
```



You will also want to capture audio from the Cam Link

You might want open up Game Capture software so you can play the game without the filters and hear the sound while you are recording/streaming.

Use the instructions found in the manual for how to manipulate the filters/play the instrument during the game. Make sure the acidcamGL window has focus when pressing the keys.

