

Plugable Performance Nix HDMI Streaming & Capture Card User Guide

Whether you're streaming on Twitch, YouTube Gaming, Mixer, or preparing footage for upload, the Plugable Performance NIX Capture Card provides the ability to capture at 1080p/60FPS in a compact, plug-and-play package. With the lowest resource usage around, the Plugable Performance NIX Capture Card doesn't waste precious memory capacity or CPU/GPU performance to capture your gaming footage. It uses drivers built-in to modern operating systems, and works with popular open streaming solutions without the need to install clunky proprietary bloatware.

The Plugable Performance NIX Capture Card works with popular software streaming solutions such as OBS, XSplit, and more. Whether you want to capture from your PC, Xbox One, or PS4, you're covered with robust, multi-platform support for a wide variety of HDMI sources. (The only sources you'll want to avoid are Mac systems and HDCP copy protected content.) We also include both USB-C and USB-A (the "traditional" USB 3.0 connector most people are used to) cables to connect and capture to virtually any modern Windows, macOS, or Linux system.

With 1080p 60FPS HDMI pass-through, no splitter is needed to capture all of your exciting gaming moments. Simply plug your console or PC into the HDMI input port and your display to the HDMI output port for latency-free and hassle-free pass-through without the need for an HDMI splitter to get a video feed to your display.

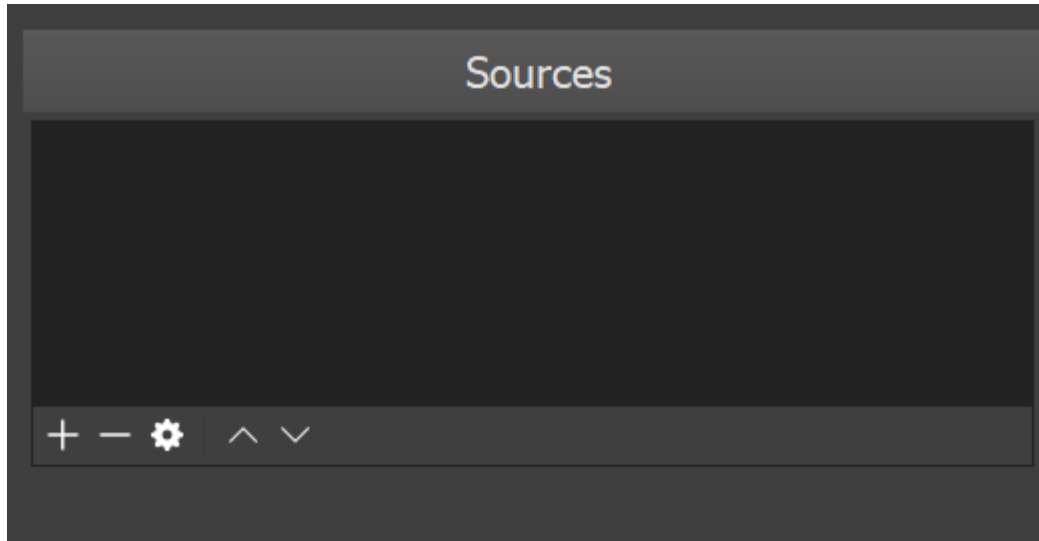
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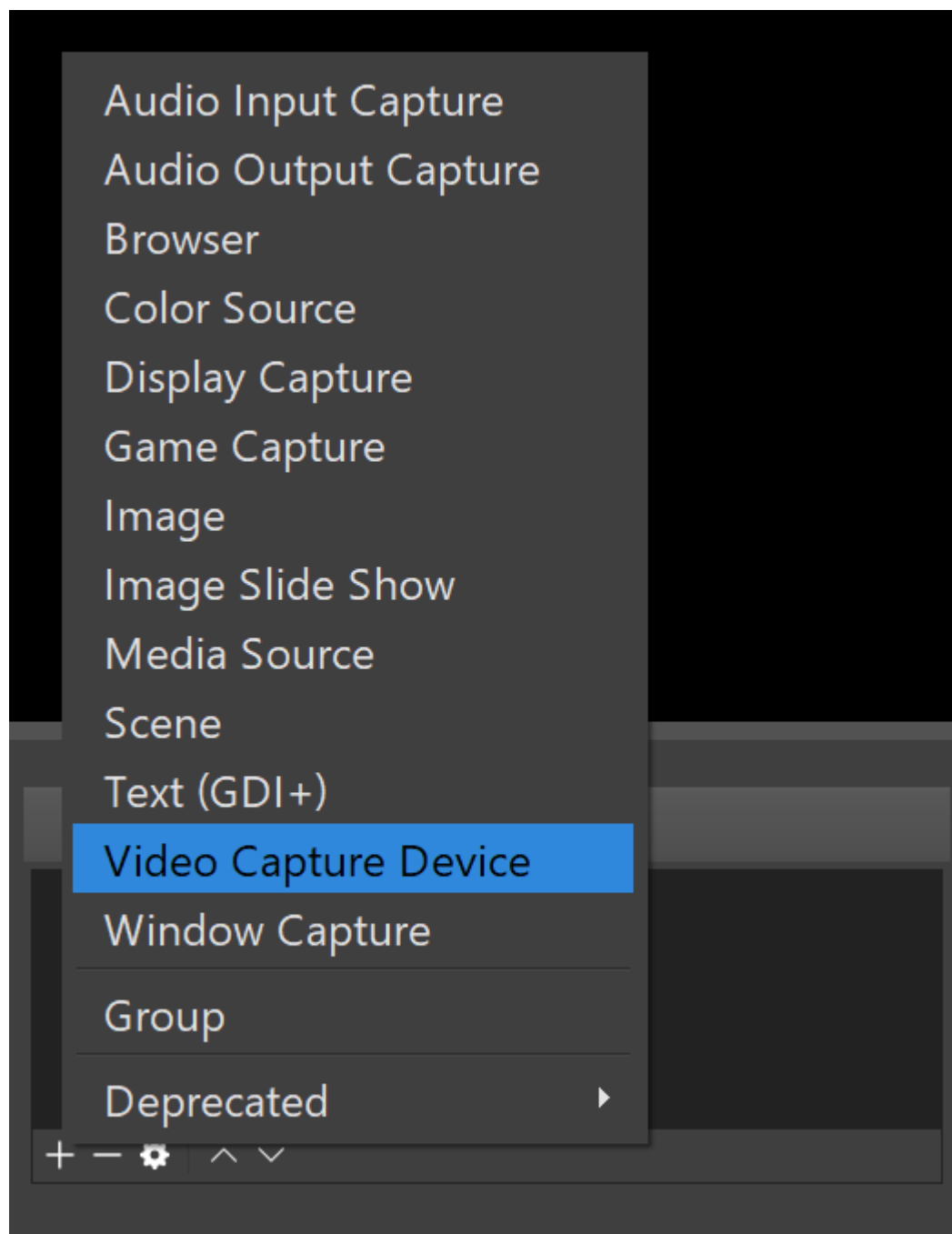
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Using the Plugable Performance NIX HDMI Capture Card in OBS on Windows

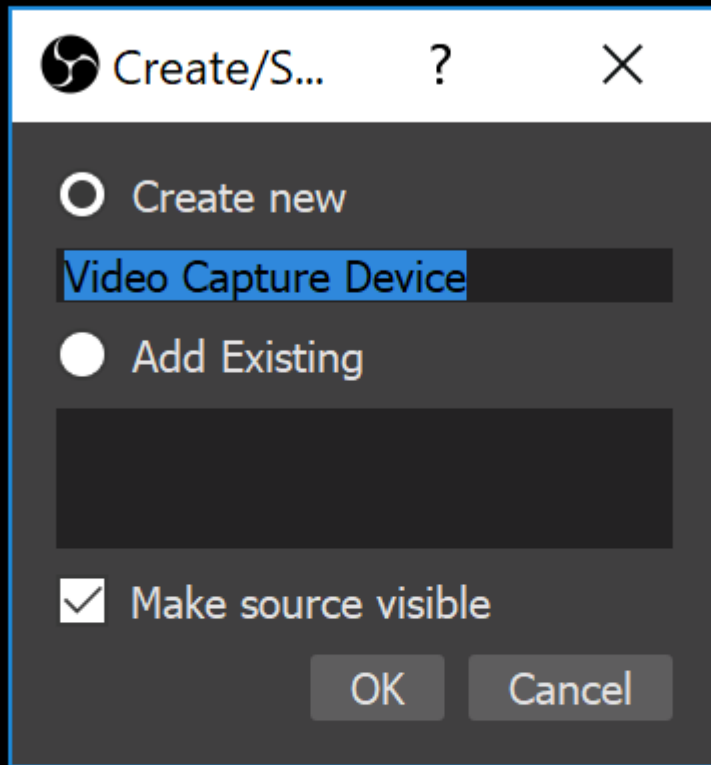
1. With the Nix Capture Card already connected to your system, open OBS on the PC you are planning on streaming from.
2. Once OBS is open, look for the “Sources” frame in the bottom left of OBS.



3. Click the “+” label at the bottom left of the frame, and select “Video Capture Device”

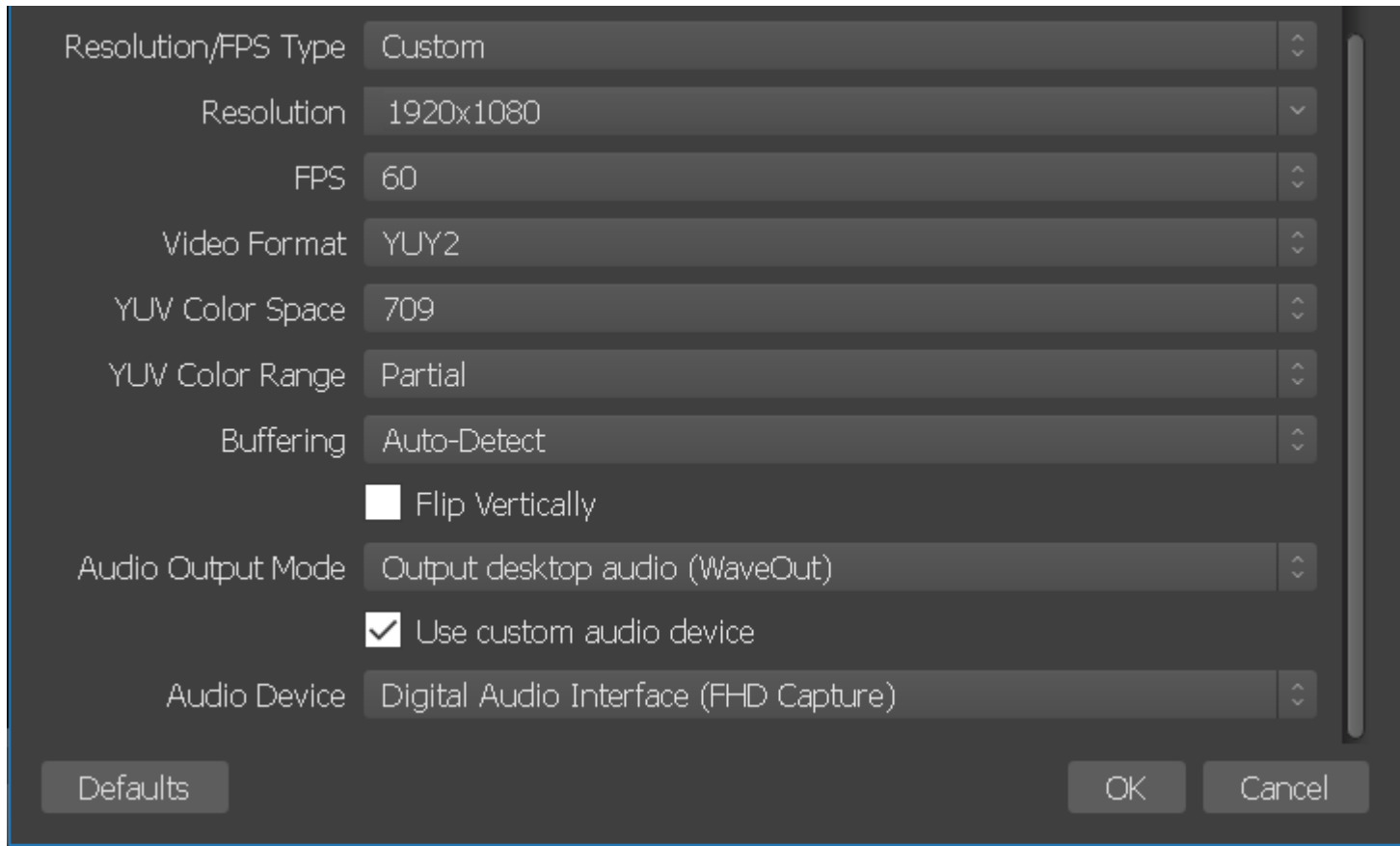


4. Once "Video Capture Device" is selected, a separate frame will show:



Input any name you desire, and click "OK".

5. Another frame will appear, this shows the individual characteristics of the Nix Capture Card. You should see a black screen inside of the OBS frame. Please configure the capture card with these settings:

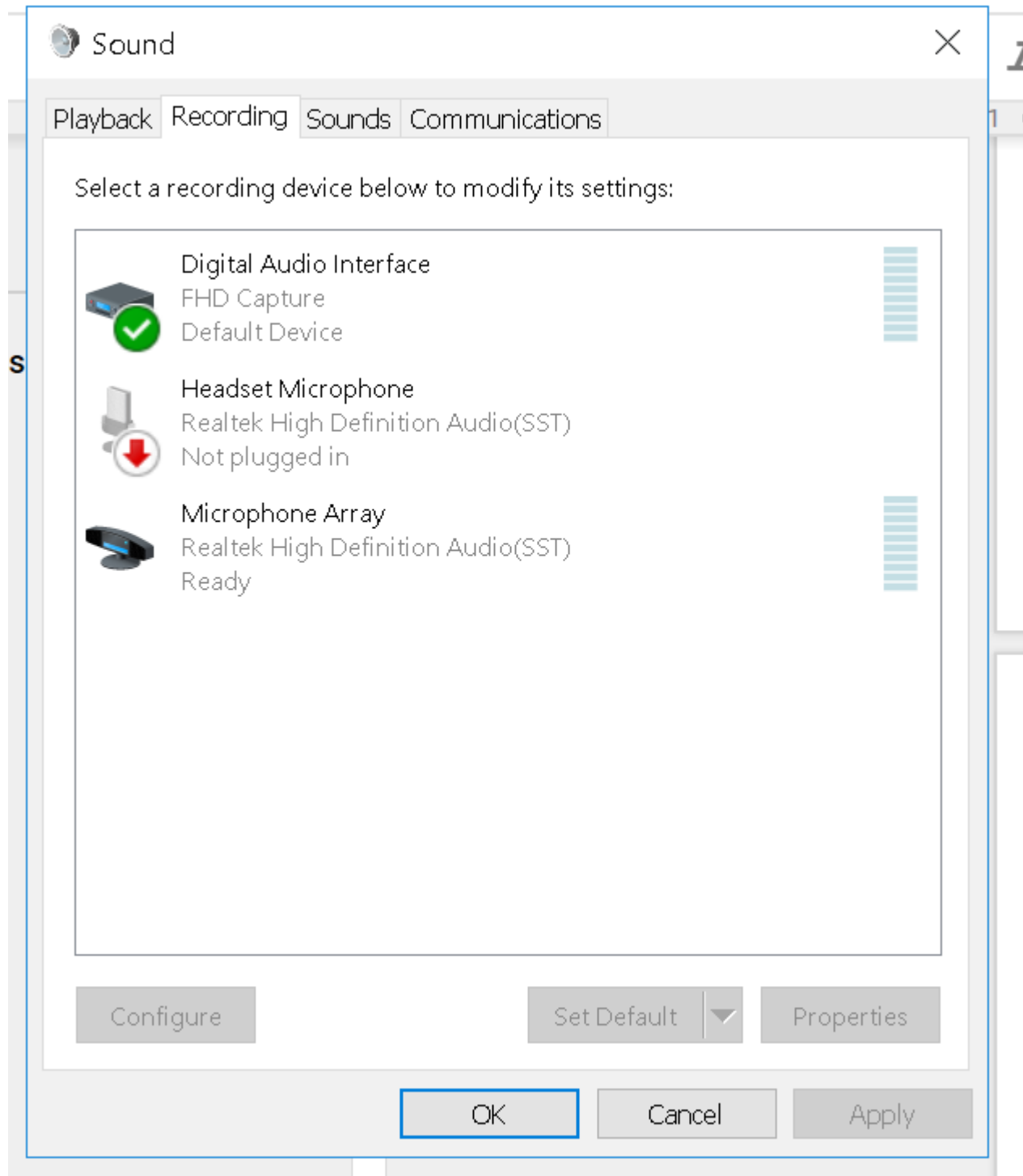


Once these settings are correctly set, click “OK”. (The Device should read as “FHD Capture”). Now, connect the intended source device (Xbox One, PS4, Nintendo Switch) via the HDMI “in” port on the capture card. You should now see an image inside of OBS.

If you are utilizing a PS4 or PS4 Pro console, you will need to disable HDCP before the capture card can properly configure the device. To disable this feature, on the PS4/PS4 Pro select (Settings) > [System] and then clear the checkbox for [Enable HDCP]. Once this has been disabled, please connect the HDMI cable from the PS4/PS4 Pro Console to the Capture Card. You should now see the captured video from the PS4/PS4 Pro showing inside of OBS.

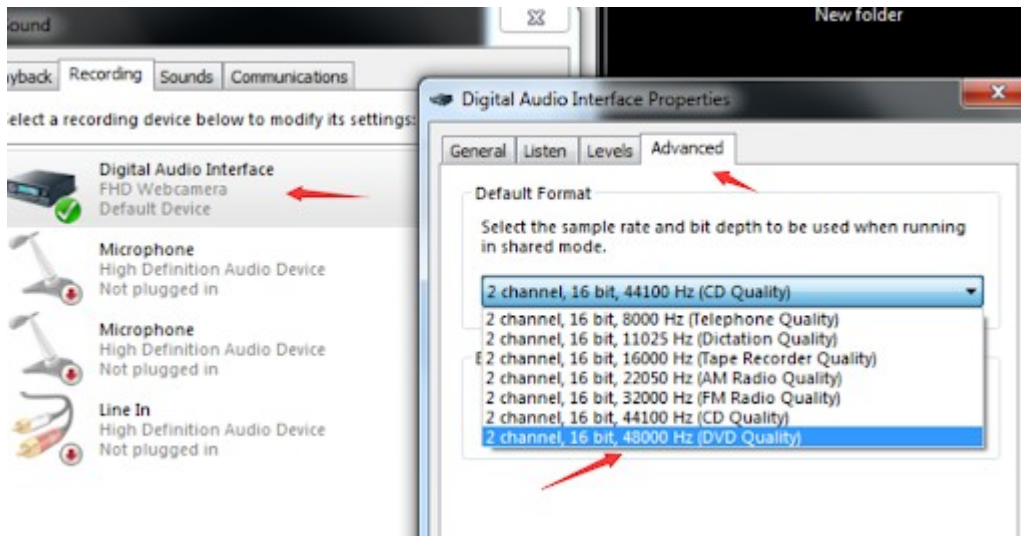
How to properly capture Audio via the NIX Capture Card, and ensure it is synced with the video

1. Inside of Windows, on the bottom right hand side of your desktop, please locate the “Speaker Icon”, and right click. Select “Sounds”, and then click the “Recording” tab



2. With the “Recording” tab open, double-click the “FHD Capture” Digital Audio interface device.

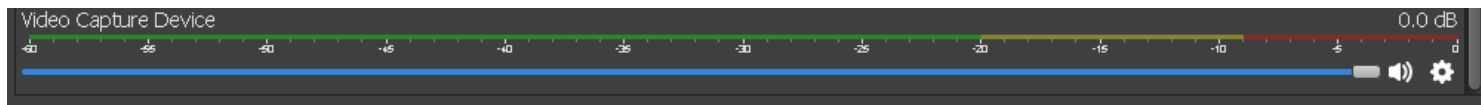
3. Inside of the “Advanced” tab, change the sample rate to “2 channel 16 bit, 48000 Hz (DVD Quality)”



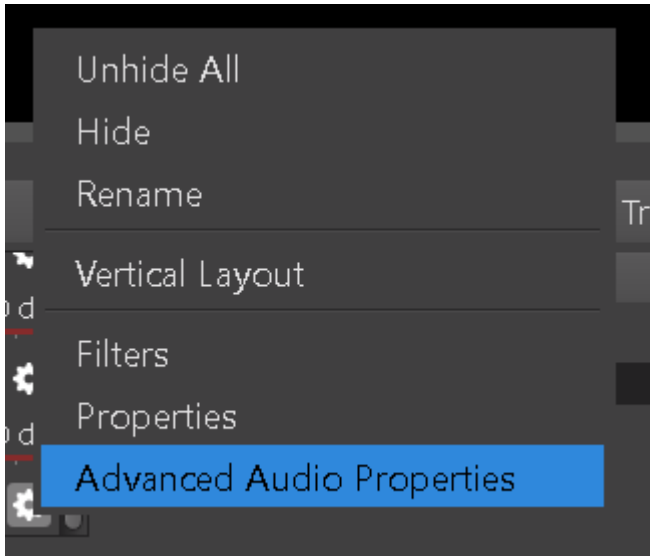
4. Inside of the “Sources” Frame, select the “+” icon, and select “Audio Input Capture” creating or adjusting the name of the device to your choosing”

6. Once the “Properties Frame” populates, change the “Device” drop down box to “Digital Audio Interface (FHD Capture)”. You will now have two sources associated with the capture card, one for audio, and one for video.

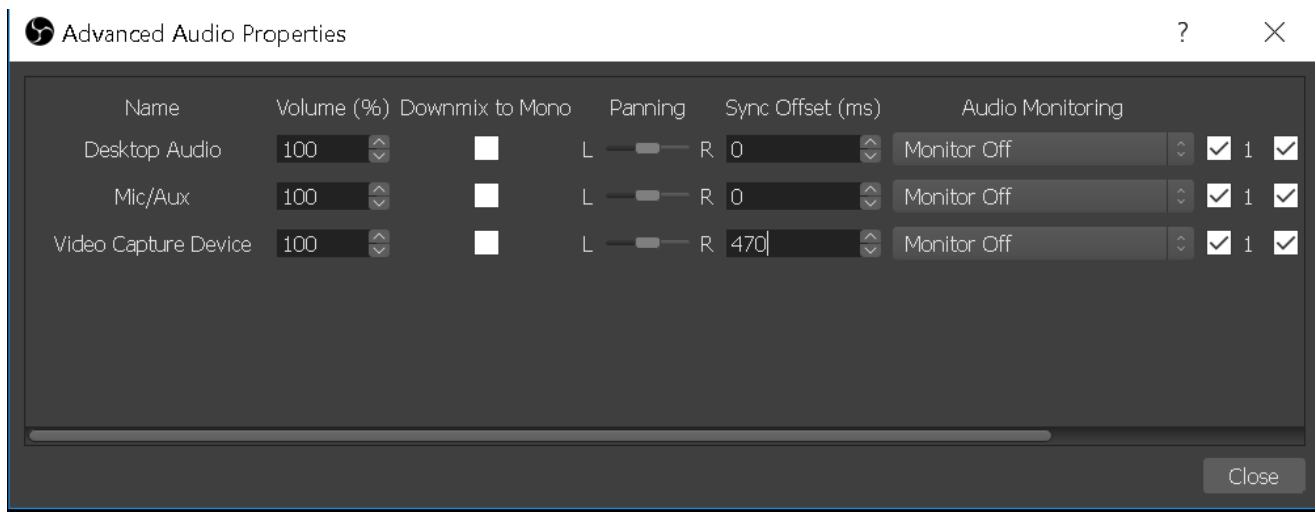
7. Now that the proper Audio Input settings are correctly configured, look for the “Mixer” frame on the bottom middle of OBS.



5. On the right hand side of the “Audio Input Capture” (or name of the capture card you originally customized) click the “settings” cog-wheel icon on the far right, and select “Advanced Audio Properties”



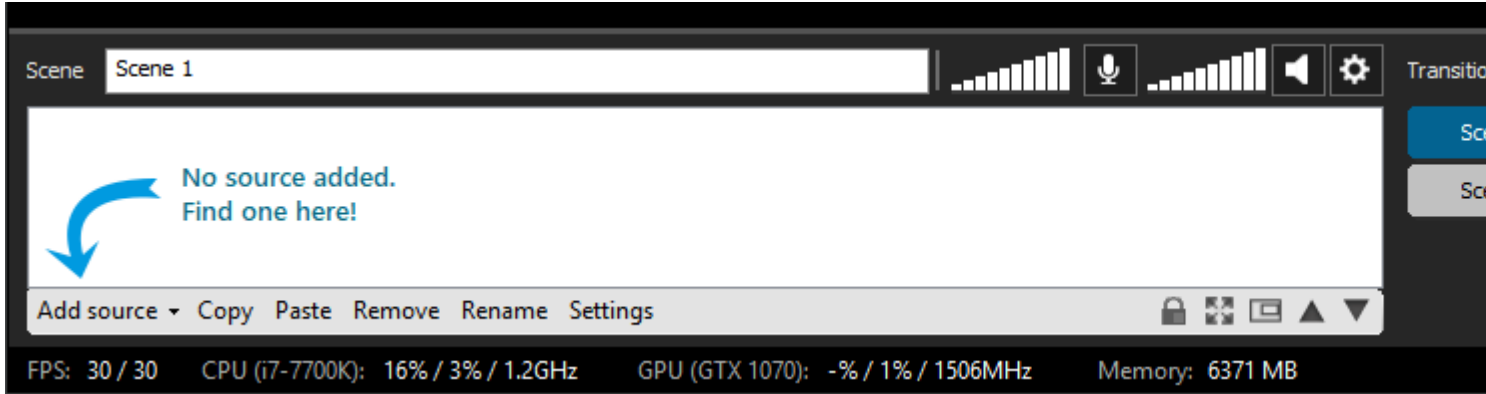
6. Once selected, the “Advanced Audio Properties Menu” will appear. Look for the “Audio Input Capture” (or name of the capture card you originally customized) on the left, and then navigate to the “Sync Offset” option. Inside of the text box, type in 470. This is the standard offset sync amount, but it may need to be adjusted depending on the audio you are capturing, or the device you are attempting to capture audio from.



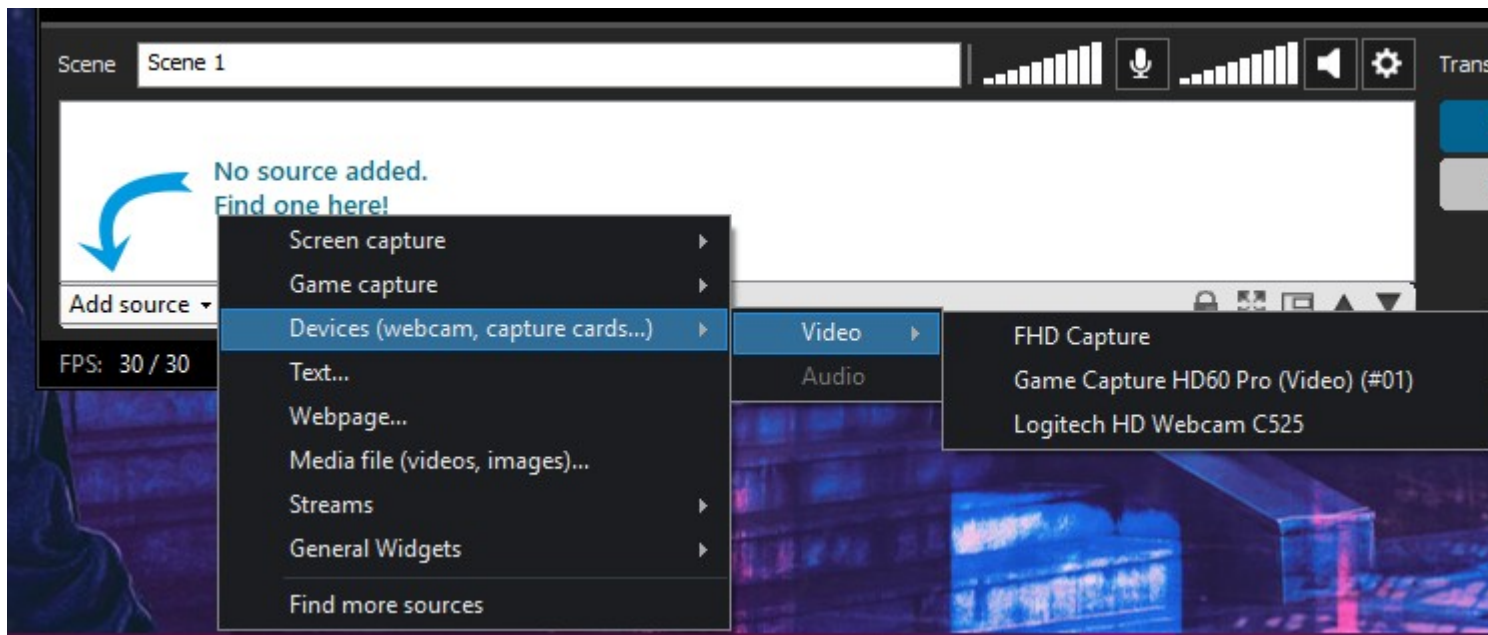
You are now properly synced with the Video & Audio being captured via the Plugable Performance NIX Capture Card.

Using the Plugable Performance Nix Capture Card with XSplit on PC

1. With XSplit open, locate the “Add Source” menu at the bottom left hand side, inside of the “Scene” section.



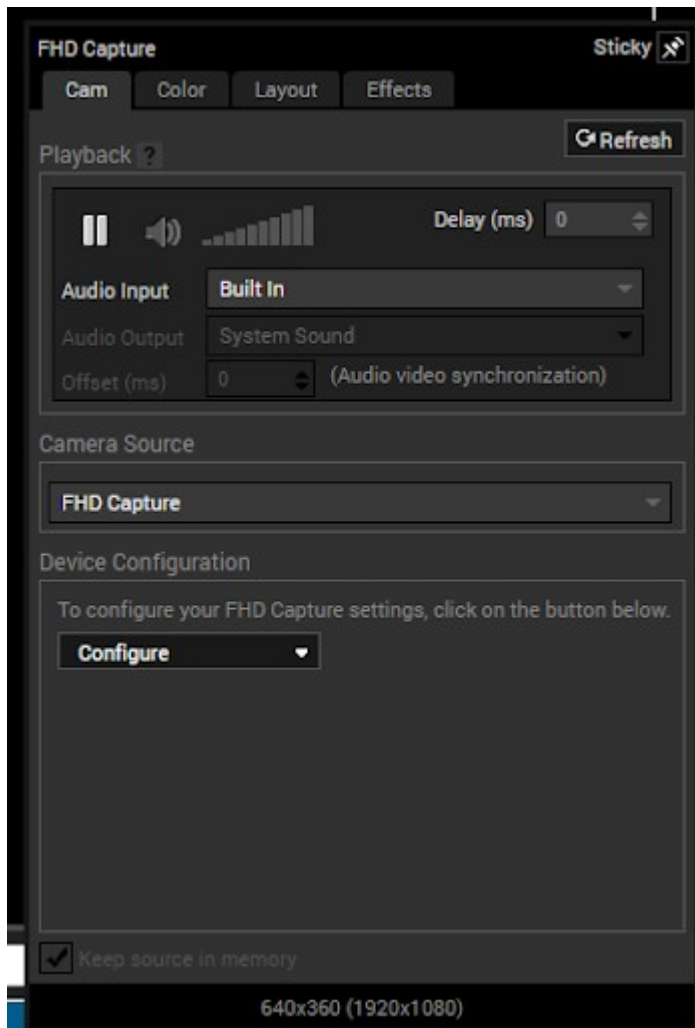
2. Select the “Add Source” button, and then navigate to “Devices (webcam, capture cards)” -> “Video” -> and then select “FHD Capture”



3. The Plugable NIX Capture Card should now be added inside of XSplit, and will allow you to capture the connected source device.

4. Since the audio is contained inside of the Capture Card on a single lane, Xsplit will allow the built in audio to be contained in the same video capture source. To modify the Audio settings (such as adjusting any sync delays), right click on the “FHD Capture” (or the unique custom name created) and you will see

“Audio Input” Menu:

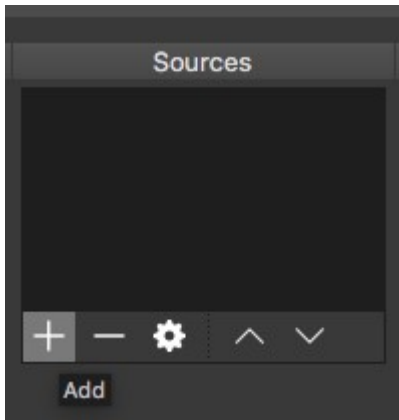


5. Inside of the “PlayBack” menu look for the “Audio Input” label, with the drop down box next to it. Inside of the drop down box, select “Digital Audio Interface (FHD Capture)”. This will now allow the audio that is being outputted via the HDMI cable from the connected source to be captured inside of Xsplit.

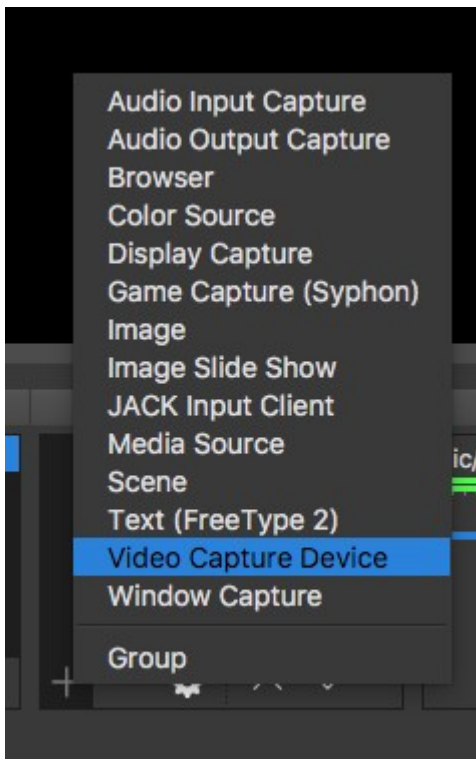
6. Once the Audio Input device is properly selected, you can now modify the Offset ms (for Audio/Video Synchronization) and for adding a delay inside of stream if you choose to do so. The offset audio delay amount is default to 470ms, but is different on each system or source that is connected to the capture card, as well as the host system XSplit is being utilized on.

Using the Plugable Performance NIX Capture Card to capture video with OBS on macOS systems

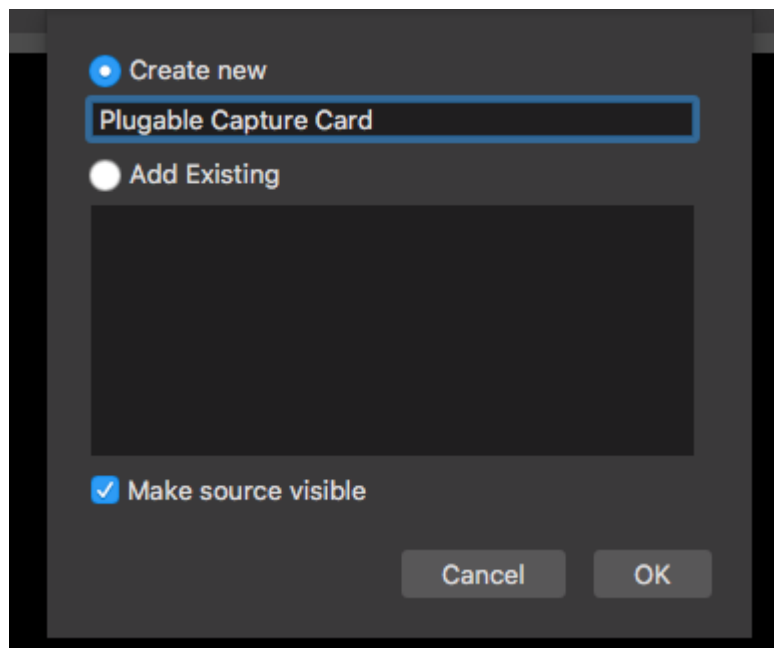
1. With OBS open, look for the “Sources” frame, and click the “+” icon at the bottom left hand side.



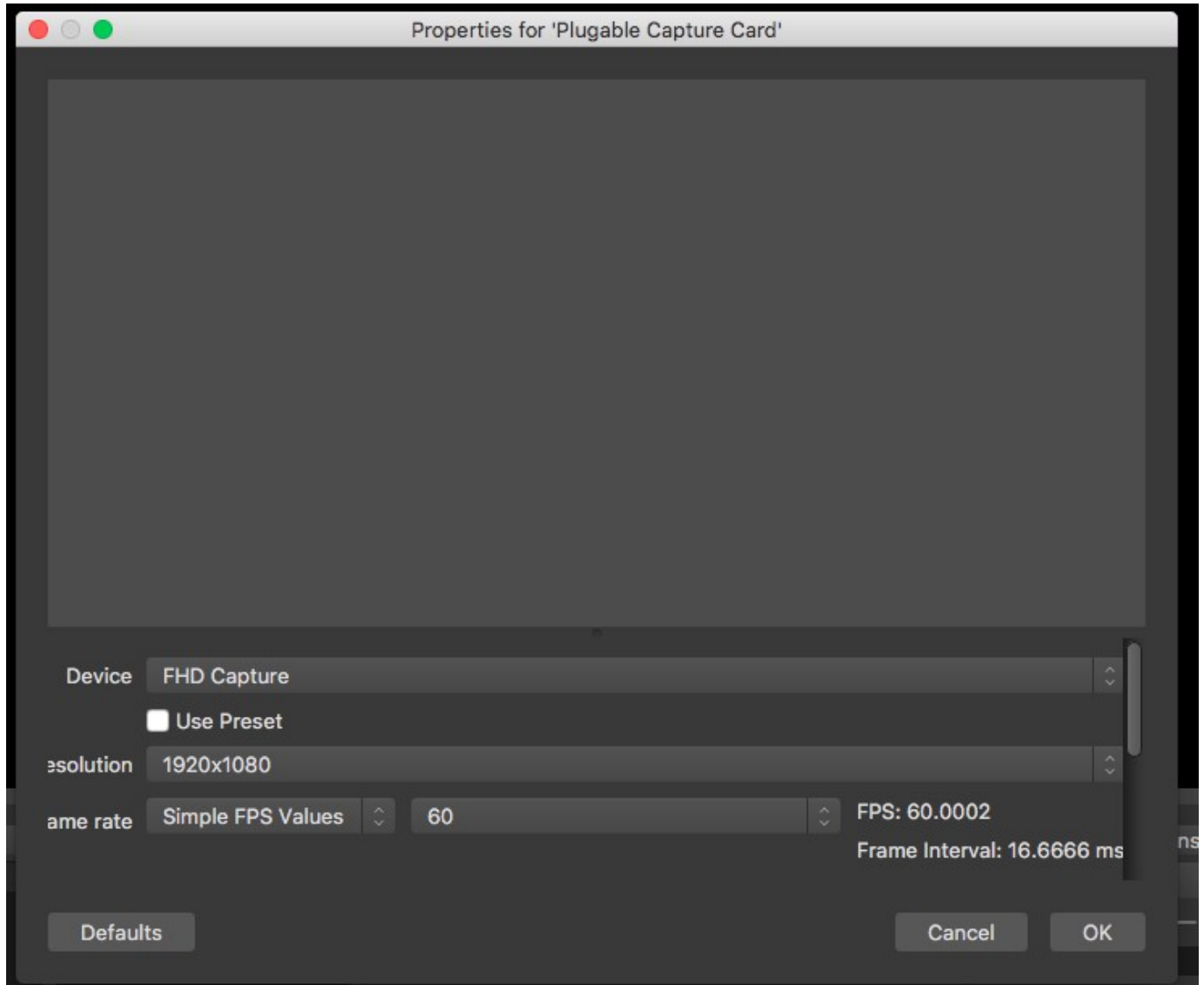
2. Inside of the “Add Source” menu, select “Video Capture Device”



3. Inside of the “Create New Device” menu, make sure “Create New” is selected, and rename the device to your desired name, make sure “Make source Available” is checked, and click “OK”

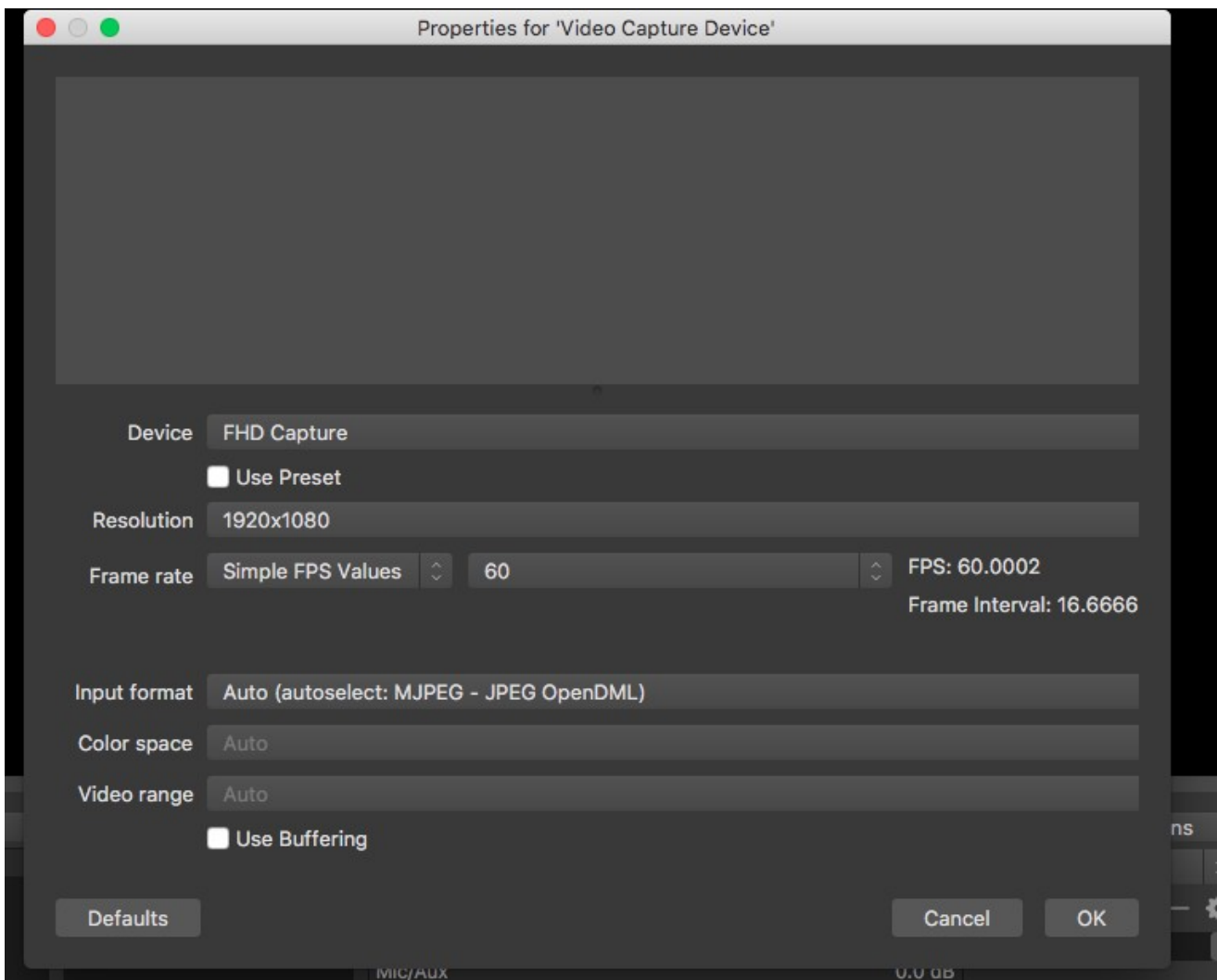


4. Once the new source has been added, the “properties” menu will appear. Next to the “Device” label, search through the drop down menu for “FHD Capture” ensuring that the text is bold, and not grayed out.



5. Once “FHD Capture” has been selected, the best configuration settings are as follows:

- Resolution should be set to 1920 x 1080 (you can also capture at 720p60FPS for lower resources usage, and for down-scaling your bit rate for a faster stream.
- Frame Rate should be set to “Simple FPS Values” and 60 FPS
- Input format on USB 3.0 based systems will be YUY2 and MJPEG on USB 2.0 systems. YUY2 is the best format for the clearest image, and proper data transfer rate (only available with USB 3.0 based systems)
- Color Space can be set to “Auto” or adjusted based on the connected source system. For additional questions on Color space, please reach out to us directly at support@pluggable.com

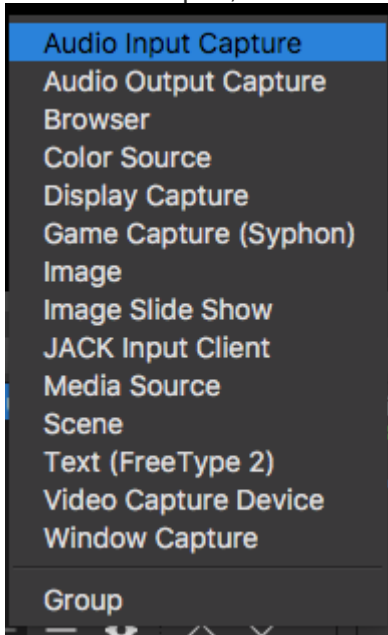


6. Once these settings are correctly set, click “OK”. (The Device should read as “FHD Capture”). Now, connect the intended source device (Xbox One, PS4, Nintendo Switch) via the HDMI “in” port on the capture card. You should now see an image inside of OBS.

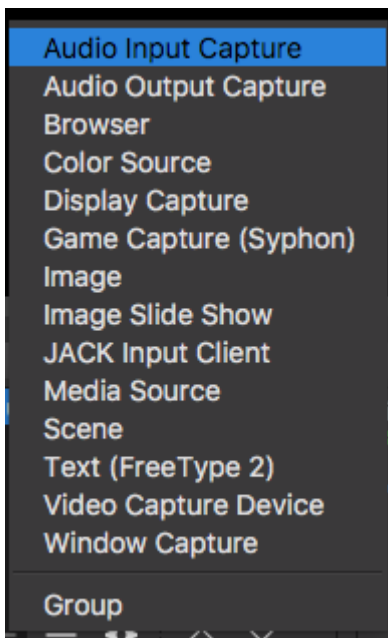
If you are utilizing a PS4 or PS4 Pro console, you will need to disable HDCP before the capture card can properly configure the device. To disable this feature, on the PS4/PS4 Pro select (Settings) > [System] and then clear the checkbox for [Enable HDCP]. Once this has been disabled, please connect the HDMI cable from the PS4/PS4 Pro Console to the Capture Card. You should now see the captured video from the PS4/PS4 Pro showing inside of OBS.

Utilizing the Plugable Performance NIX Capture Card to capture audio inside of OBS on macOS systems

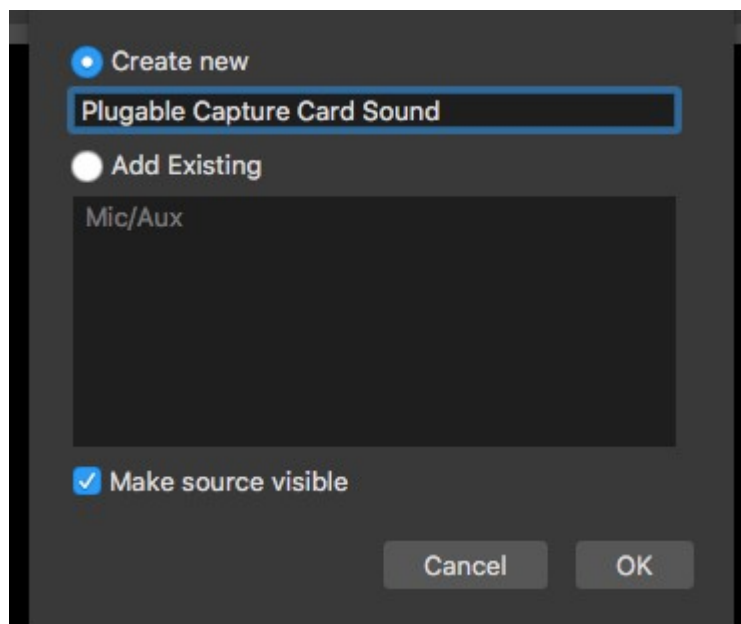
1. With OBS open, look for the “Sources” frame, and click the “+” icon at the bottom left hand side.



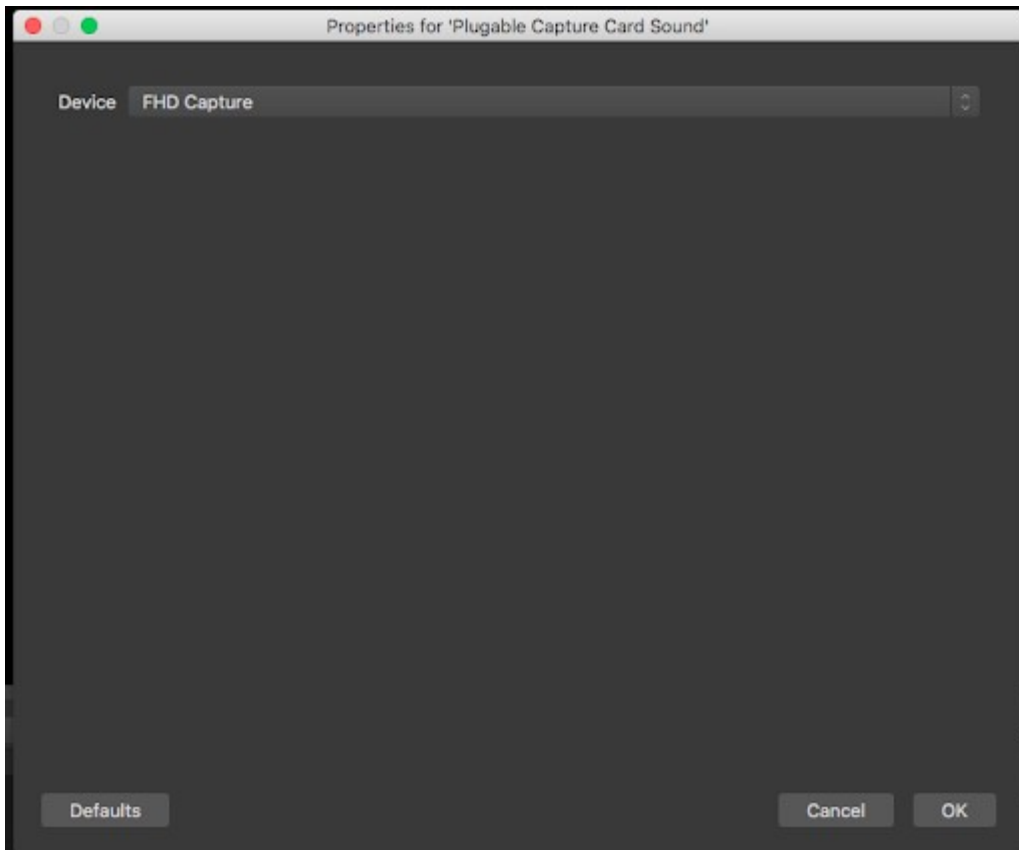
2. Inside of the “Add Source” menu, select “Audio Input Capture



3. Inside of the “Create New Device” menu, make sure “Create New” is selected, and rename the device to your desired name, make sure “Make source Available” is checked, and click “OK”

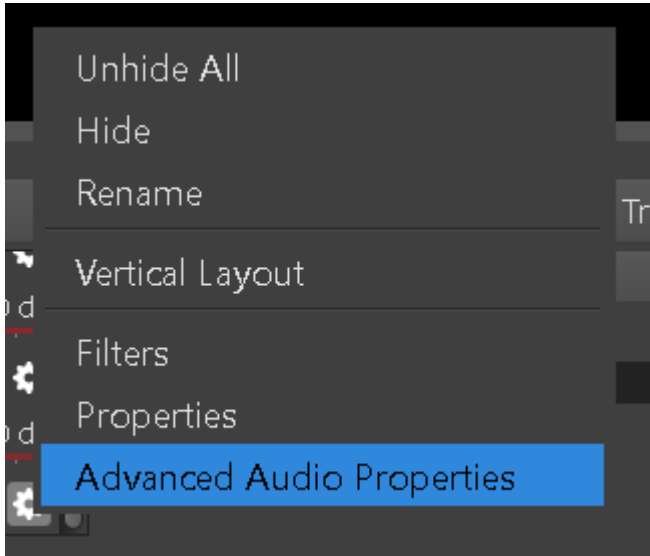


4. Once the new source has been added, the “properties” menu will appear. Next to the “Device” label, search through the drop down menu for “FHD Capture”.

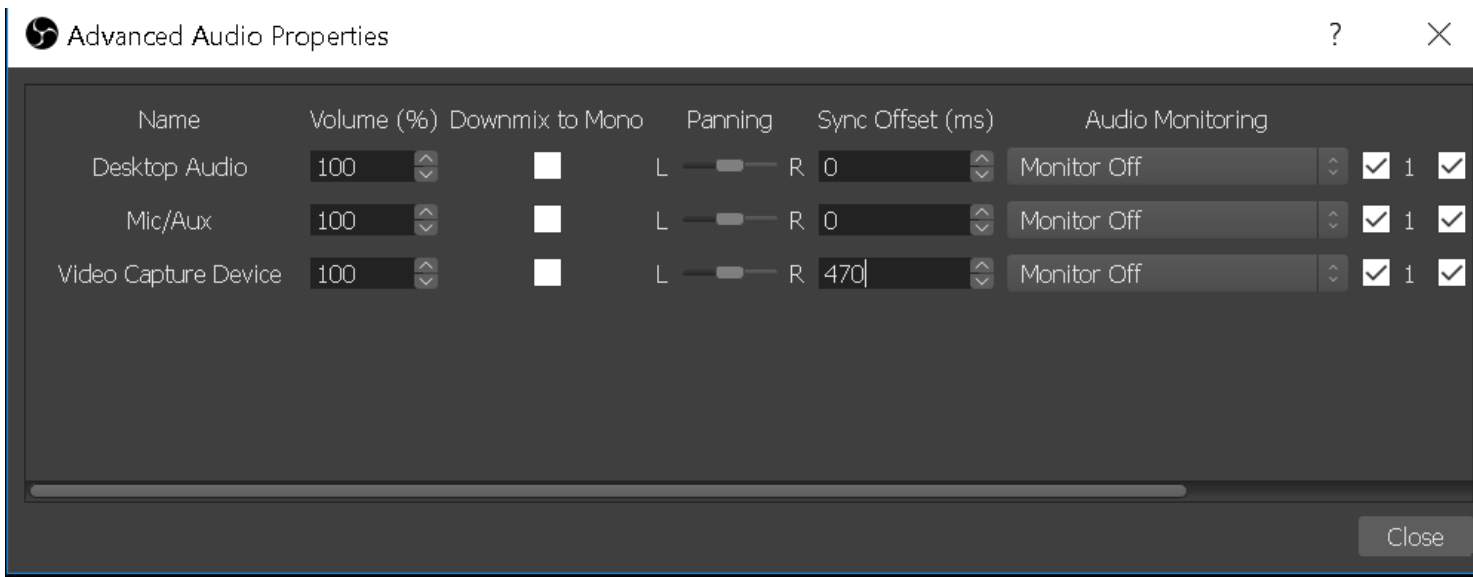


5. Next, you will need to ensure that the audio is synced inside of OBS correctly. On the right hand side of the “Video Capture Device” (or name of the capture card you originally customized) click the “settings” cog-

wheel icon on the far right, and select “Advanced Audio Properties”



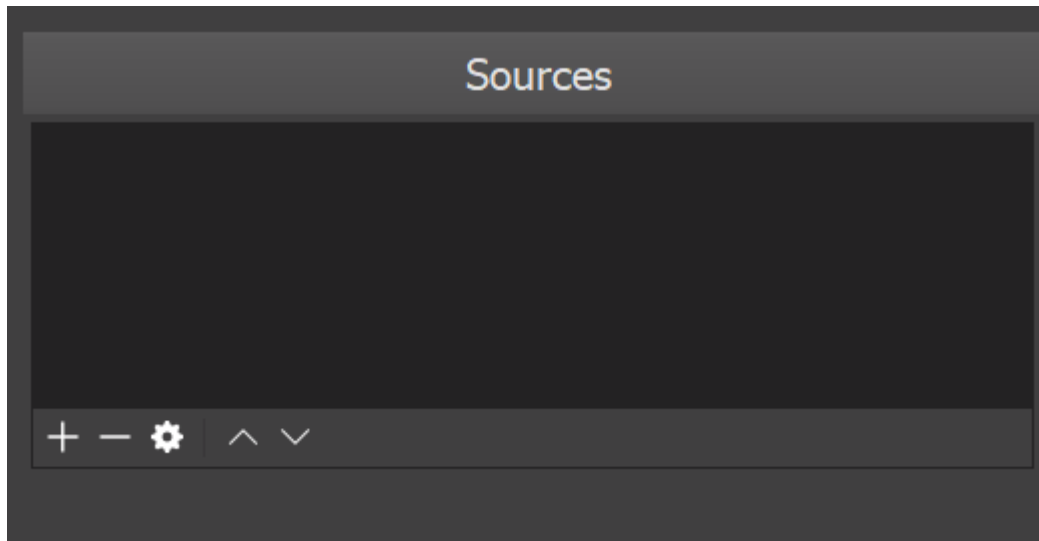
6. Once selected, the “Advanced Audio Properties Menu” will appear. Look for the “Audio Input Capture Device” (or name of the capture card you originally customized) on the left, and then navigate to the “Sync Offset” option. Inside of the text box, type in 470. This is the standard offset sync amount, but it may need to be adjusted depending on the audio you are capturing, or the device you are attempting to capture audio from.



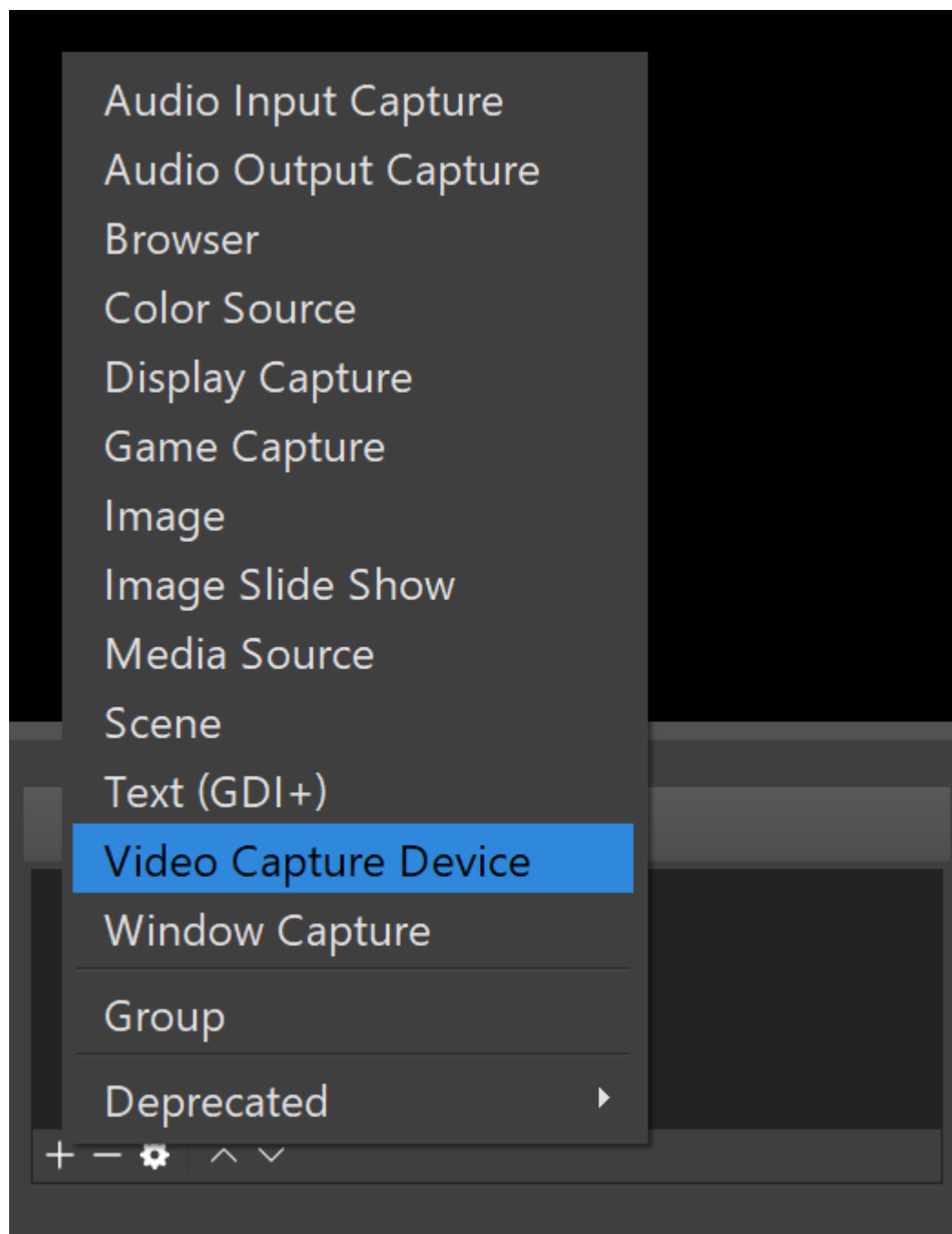
7. You are now properly synced with the Video & Audio being captured via the Plugable Performance NIX Capture Card.

Using the Plugable Performance NIX Capture Card to capture video with OBS in Ubuntu/Linux

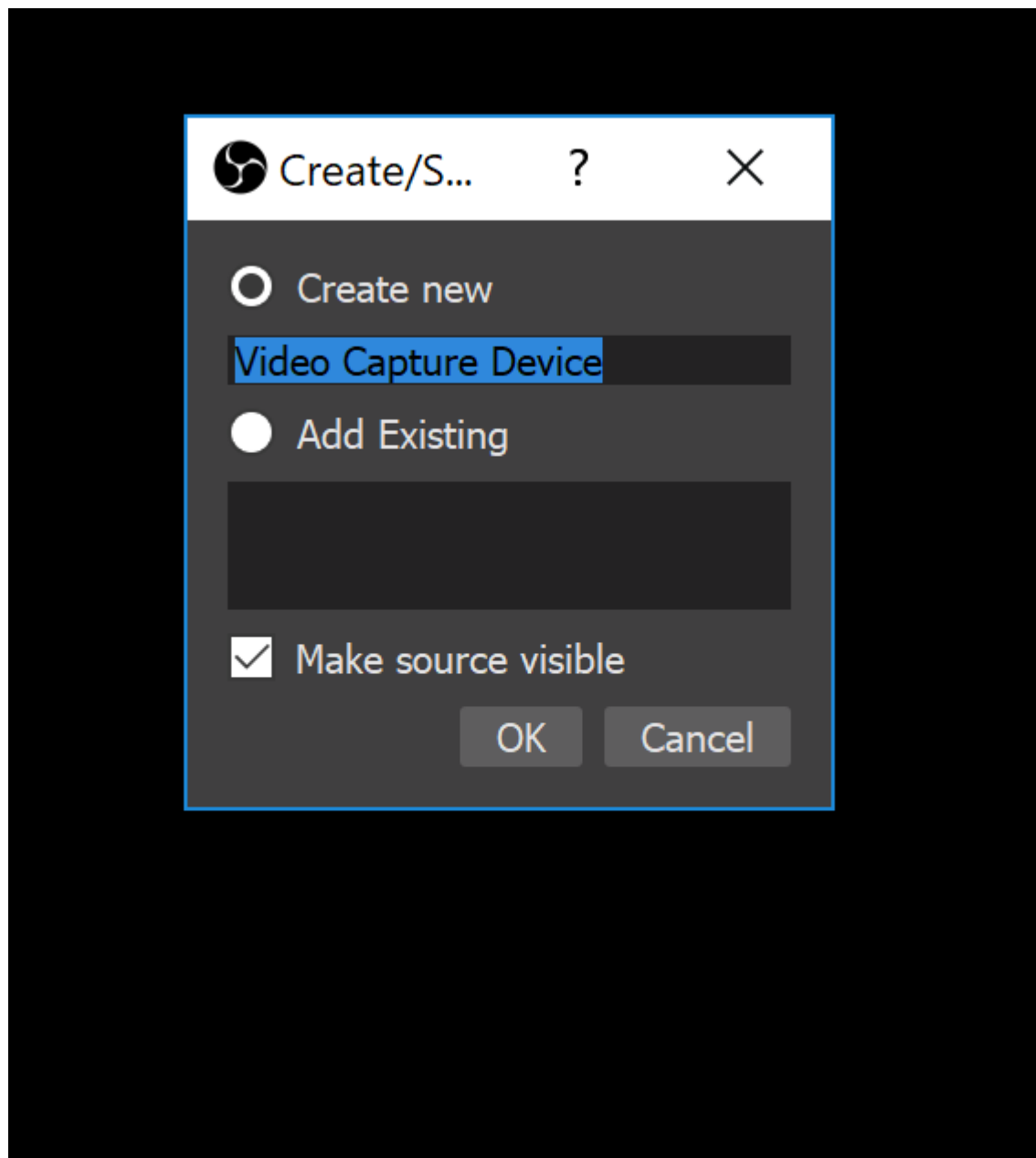
1. With the device already connected, please open OBS on the PC you are planning on streaming from.
2. Once OBS is open, look for the “Sources” frame in the bottom left of OBS.



3. Click the “+” label at the bottom left of the frame, and select “Video Capture Device”



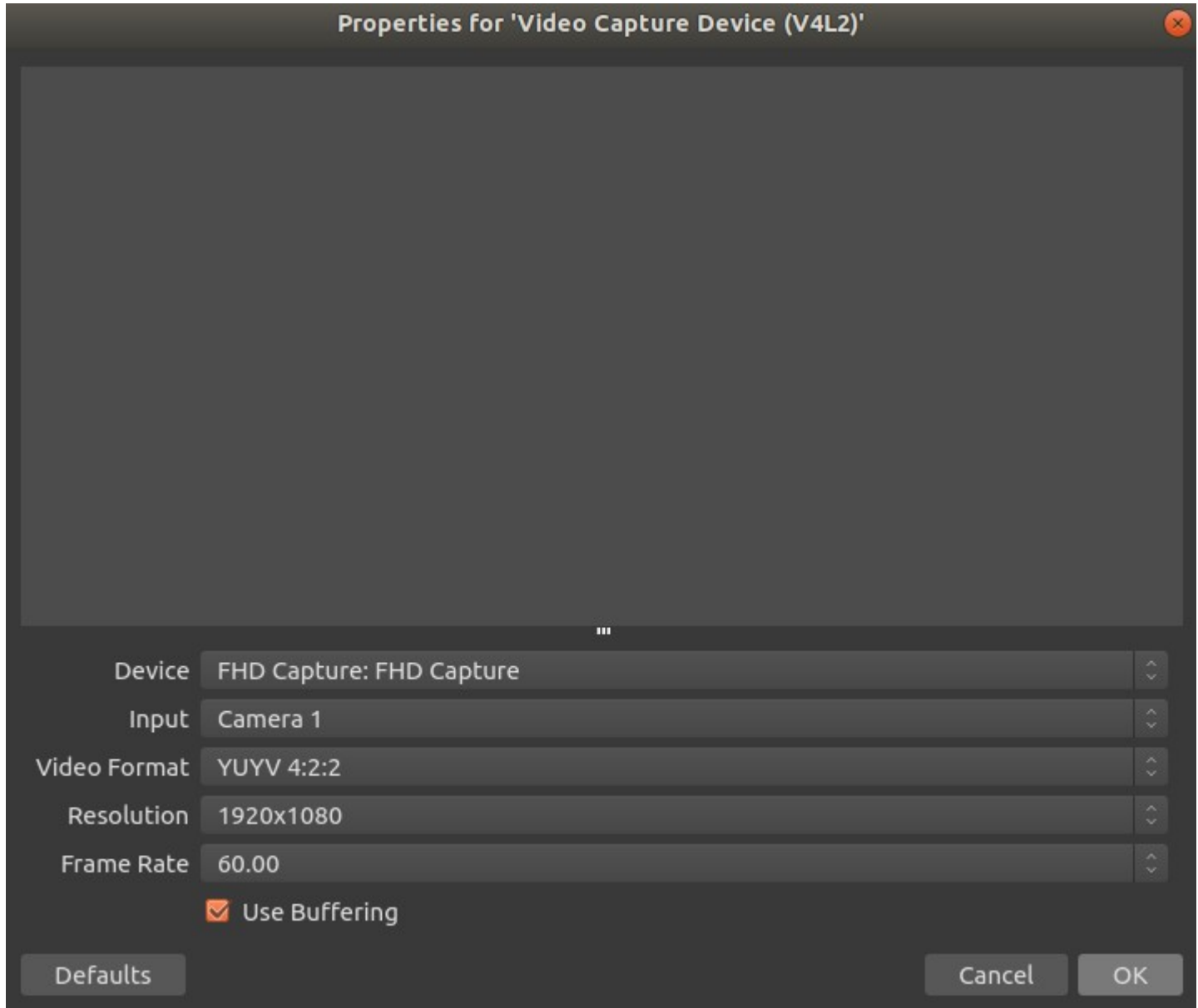
4. Once "Video Capture Device" is selected, a separate frame will show:



Input any name you desire, and click "OK".

5. Another frame will appear, this shows the individual characteristics of the Nix Capture Card. You should now also see an image (if you have already inserted an HDMI cable from the device you are attempting to capture (Xbox One, PC etc) if not, the screen should still be black. Please configure the capture card with

these settings:



Once these settings are correctly set, click "OK". (The Device should read as "FHD Capture").

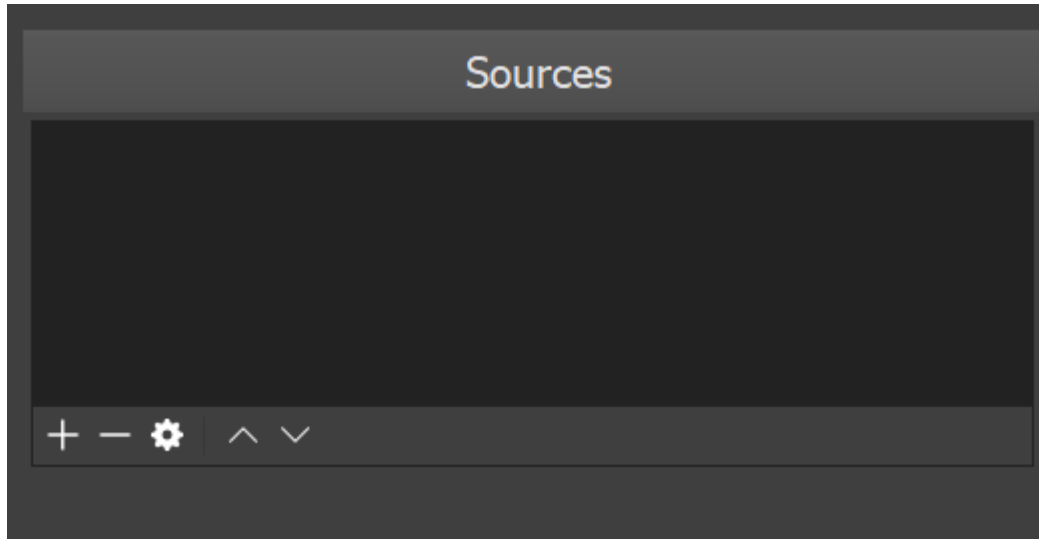
6. Once these settings are correctly set, click "OK". (The Device should read as "FHD Capture"). Now, connect the intended source device (Xbox One, PS4, Nintendo Switch) via the HDMI "in" port on the capture card. You should now see an image inside of OBS.

If you are utilizing a PS4 or PS4 Pro console, you will need to disable HDCP before the capture card can properly configure the device. To disable this feature, on the PS4/PS4 Pro select (Settings) > [System] and then clear the checkbox for [Enable HDCP]. Once this has been disabled, please connect the HDMI cable

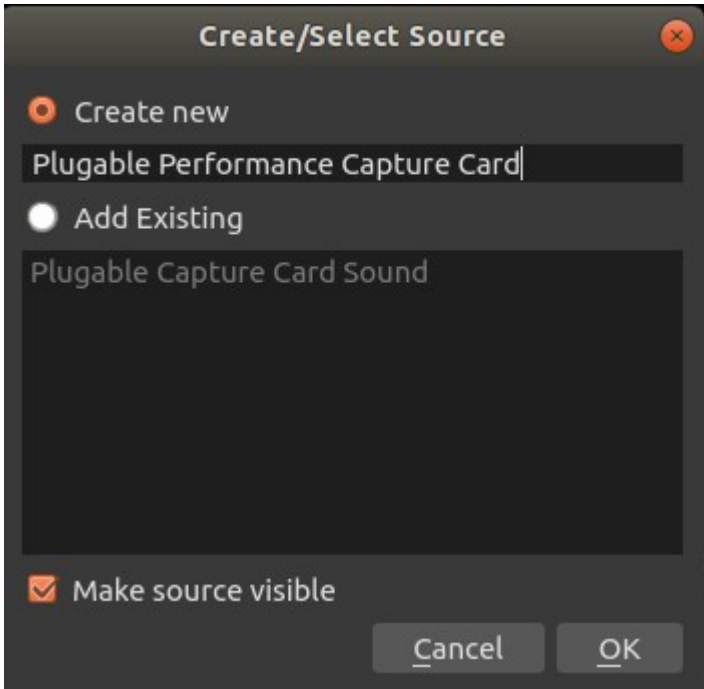
from the PS4/PS4 Pro Console to the Capture Card. You should now see the captured video from the PS4/PS4 Pro showing inside of OBS.

Using the Plugable Performance NIX Capture Card to capture audio with OBS on Ubuntu systems

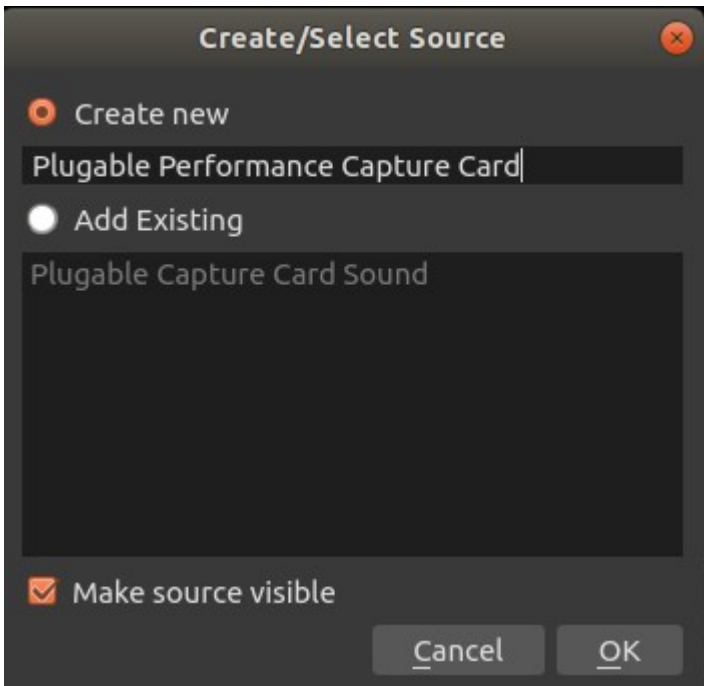
1. With the device already connected, please open OBS on the PC you are planning on streaming from.
2. Once OBS is open, look for the “Sources” frame in the bottom left of OBS.



3. Click the “+” label at the bottom left of the frame, and select “Audio Input Capture (Pulse Audio)” and click “OK”.

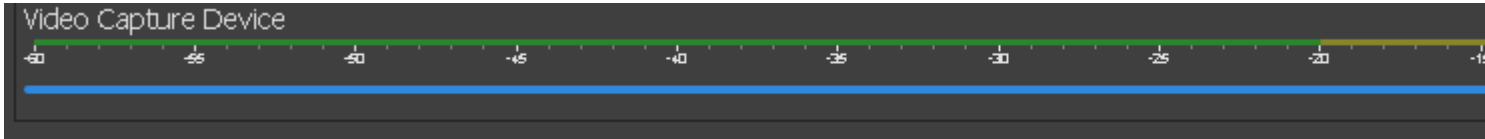


4. The “Audio Input Capture” properties menu will now appear. Please select “FHD Capture Digital Stereo (IEC958)”

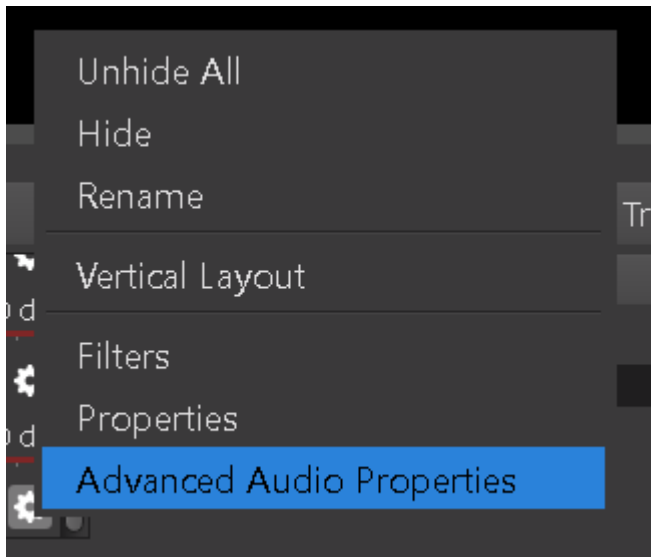


5. Next, you will need to ensure that the audio inside of OBS being captured by the Nix capture card is properly synced.

Inside of OBS, ensure that you have properly added the Plugable Performance NIX Capture Card as a video source, with the proper Audio Input settings correctly configured. Then, look for the “Mixer” frame on the bottom middle of OBS.

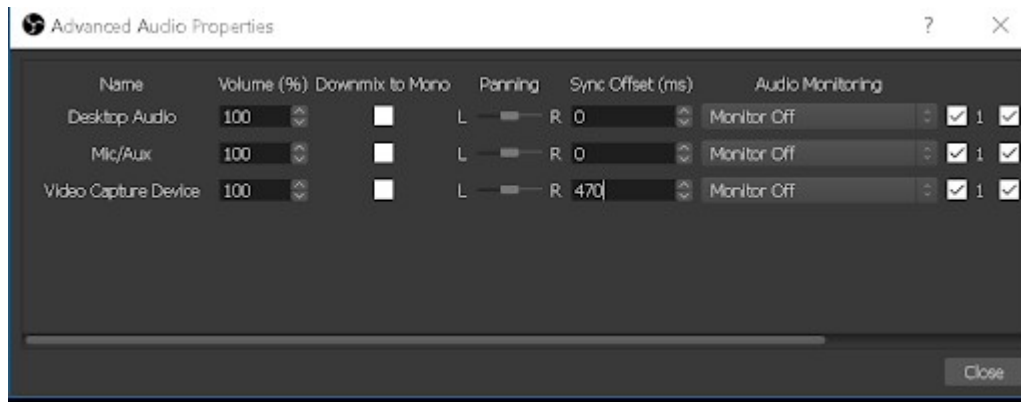


2. On the right hand side of the “Video Capture Device” (or name of the capture card you originally customized) click the “settings” cog-wheel icon on the far right, and select “Advanced Audio Properties”



3. Once selected, the “Advanced Audio Properties Menu” will appear. Look for the “Audio Input Capture Device” (or name of the capture card you originally customized) on the left, and then navigate to the “Sync Offset” option. Inside of the text box, type in 470. This is the standard offset sync amount, but it may need to be adjusted depending on the audio

you are capturing, or the device you are attempting to capture audio from.



4. You are now properly synced with the Video & Audio being captured via the Plugable Performance NIX Capture Card.

