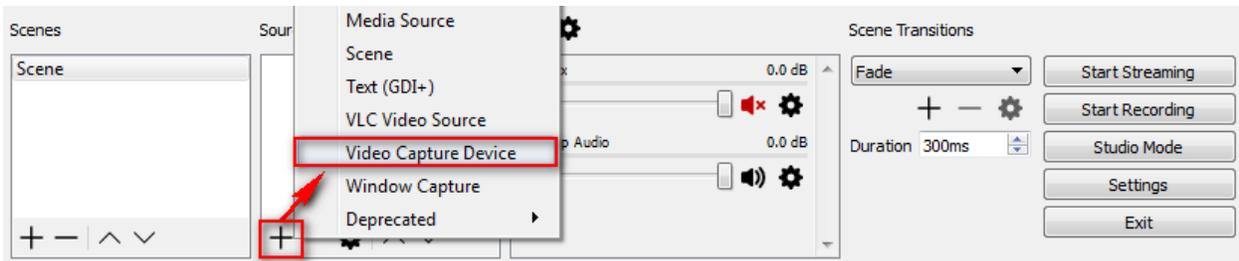


# How to Configure Open Broadcaster Software (OBS) for 720p HD Broadcasting

## Configuring OBS for HD broadcasting (Windows)

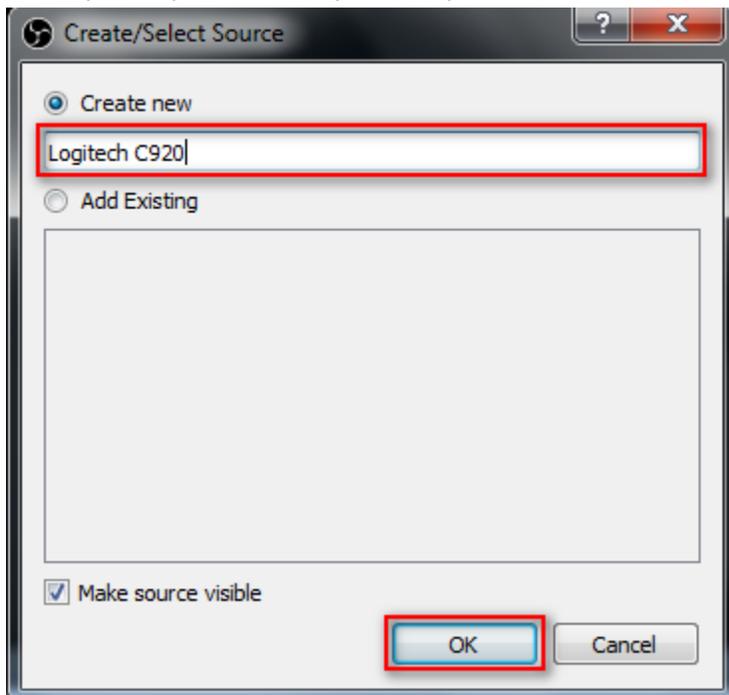
### Step 1

Open OBS. Click the Plus icon “+” under Sources and select “Video Capture Device”



### Step 2

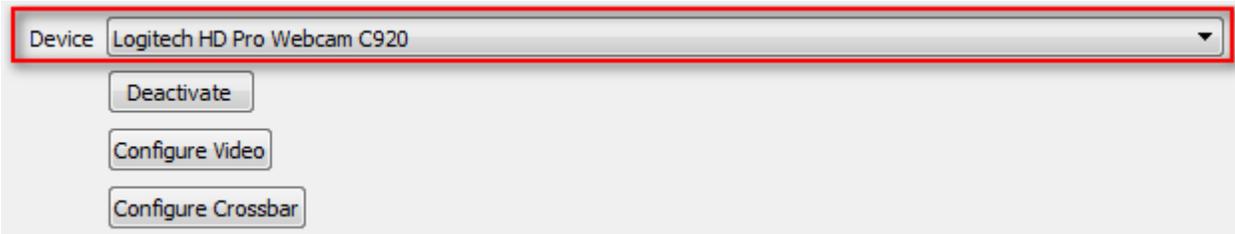
Name your capture device (preferably the name and model of the camera) then click OK.



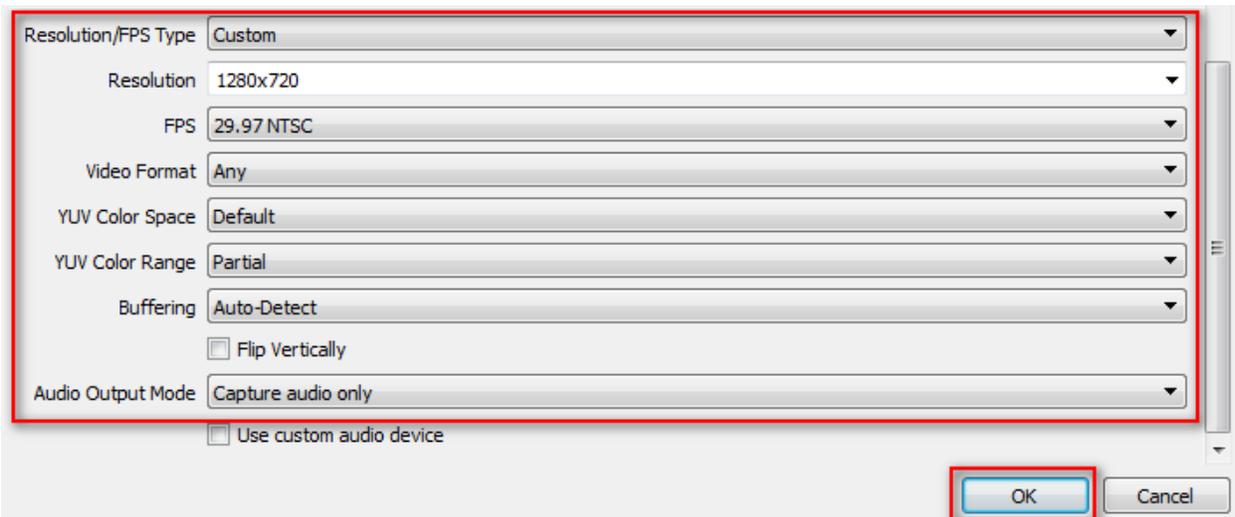
### Step 3

A pop up menu will appear. Select your camera from the Device dropdown menu, then modify the camera properties to the specifications below:

- **Device:** Select your webcam from the drop down menu

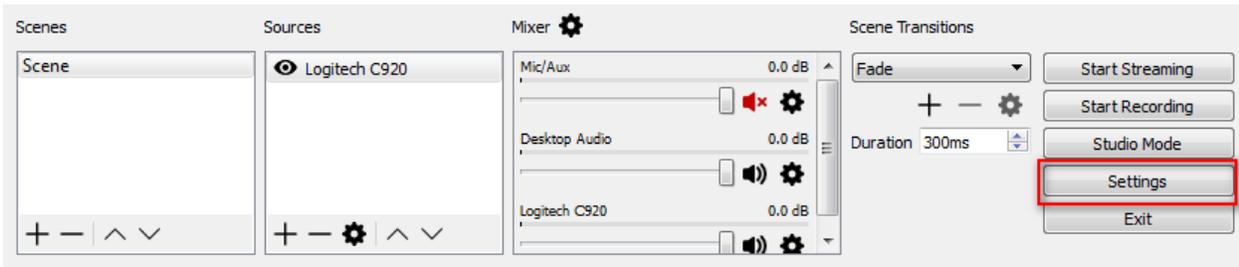


- **Resolution/FPS Type:** Custom
- **Resolution:** 1280x720
- **FPS:** 29.97 NTSC or 30
- **Video Format:** Any
- **YUV Color Space:** Default
- **YUV Color Range:** Partial
- **Buffering:** Auto-Detect
- **Audio Output Mode:** Capture audio only
- Click "OK" to save the changes



## Step 4

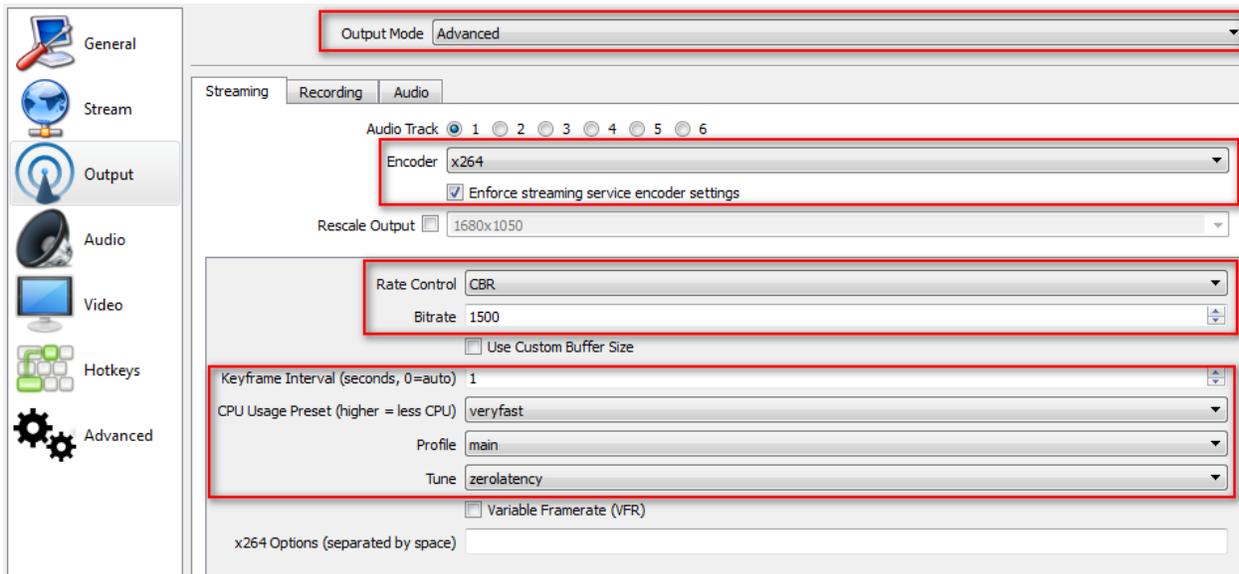
Click the “Settings” button



## Step 5

Click “Output” in the left pane and change the values in the fields below:

- **Output Mode:** Advanced
- **Encoder:** x264
- **Enforce streaming service encoder settings:** box is checked
- **Rate Control:** CBR
- **Bitrate:** 1500
- **Keyframe Interval (seconds, 0=auto):** 1
- **CPU Usage Preset (higher = less CPU):** veryfast
- **Profile:** main
- **Tune:** zerolatency
- Click “Apply” in the lower right corner



### Step 6

Click on the “Audio” tab and change the Audio Bitrate value to “96”. Click “Apply” in the lower right corner.



### Step 7

Click “Audio” in the left pane and change the values below:

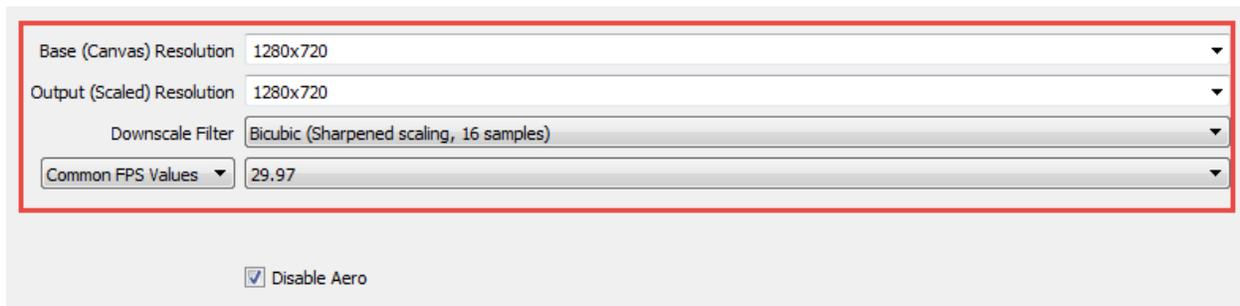
- **Sample Rate:** 44.1khz
- **Channels:** Mono
- **Mic/Auxiliary Audio Device:** Default
- Click “Apply” in the lower right corner



### Step 8

Click “Video” in the left pane and change the values below:

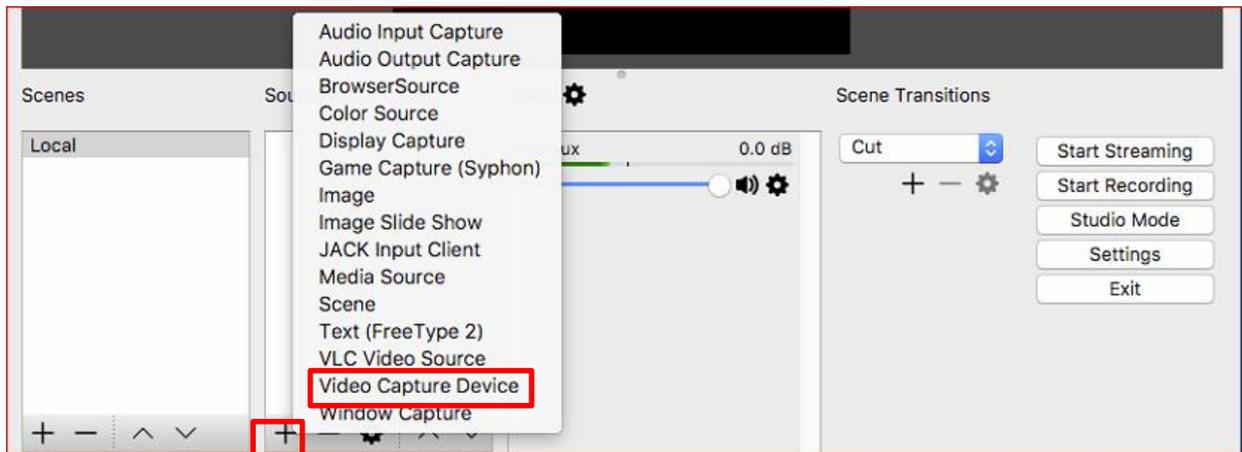
- **Base (Canvas) Resolution:** 1280x720
- **Output (Scaled) Resolution:** 1280x720
- **Downscale Filter:** Bicubic (Sharpened scaling, 16 samples)
- **Common FPS Values:** 29.97
- Click “Apply” then “OK” in the lower right corner. You are now ready to broadcast in 720p!



## Configuring OBS for broadcasting (Macintosh)

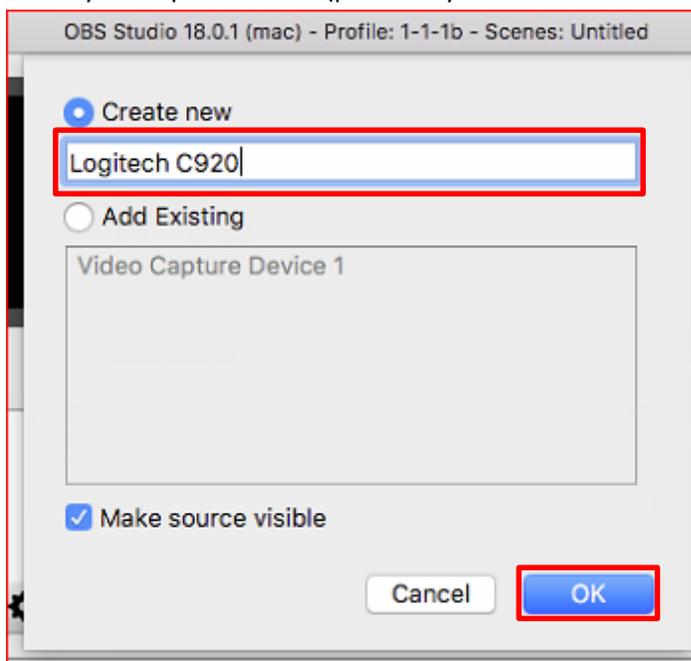
### Step 1

Open OBS. Click the Plus icon “+” under Sources and select “Video Capture Device”



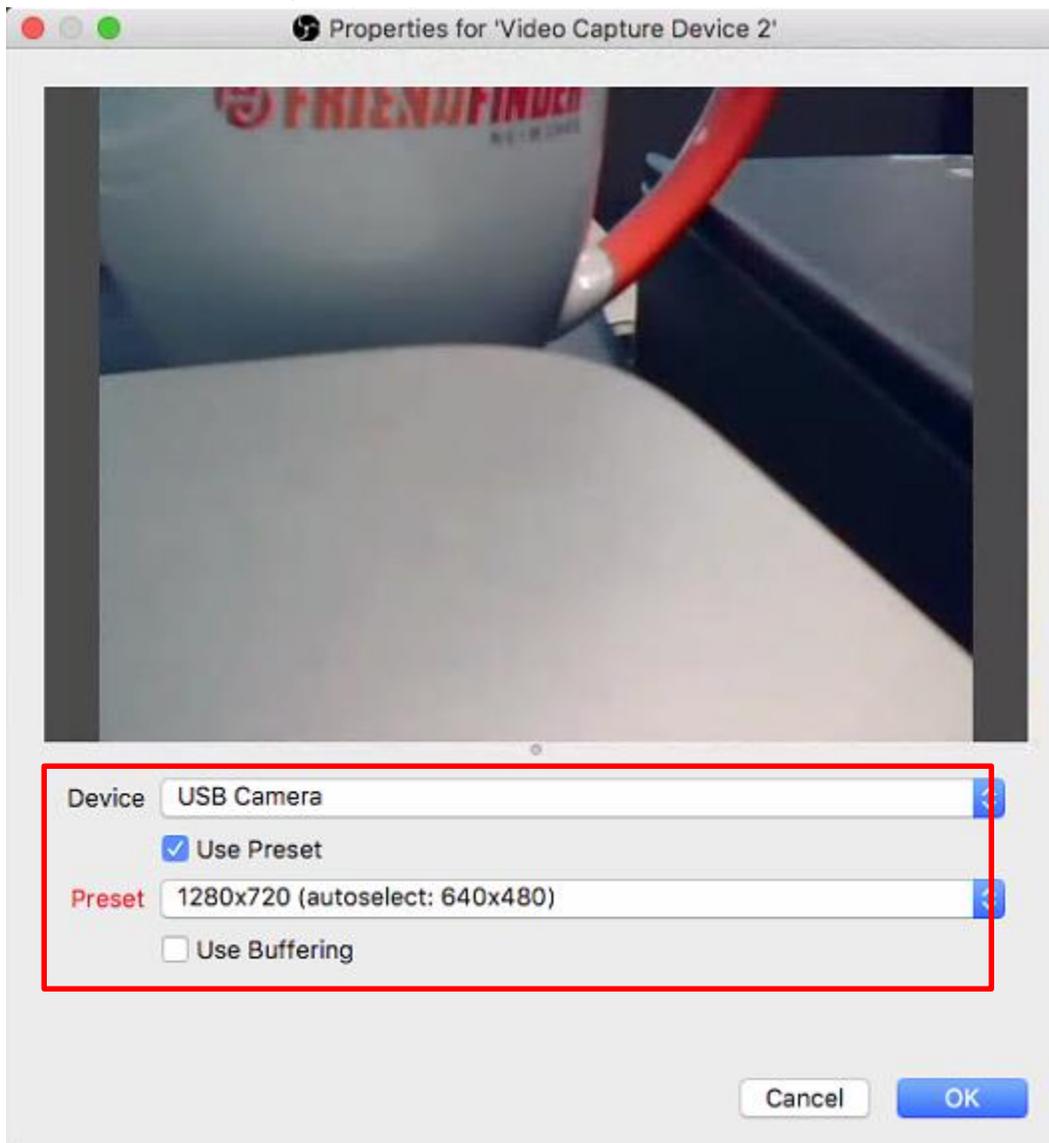
### Step 2

Name your capture device (preferably the name and model of the camera) then click OK.



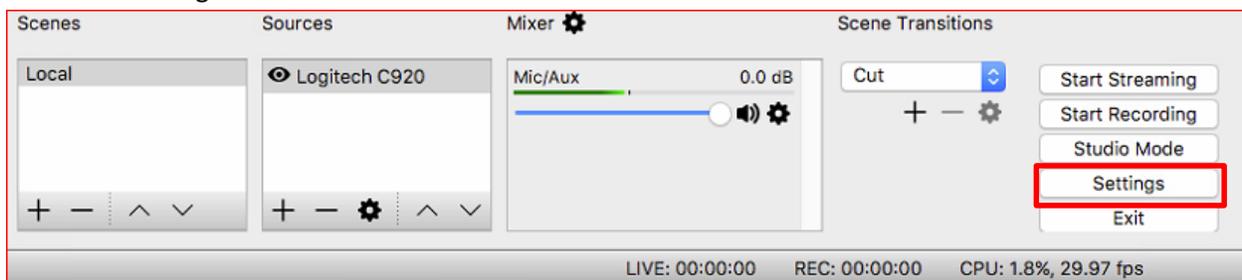
### Step 3

A pop up menu will appear. Select your camera from the Device dropdown menu. Check the preset box and select 1280x720 as your Preset resolution.



### Step 4

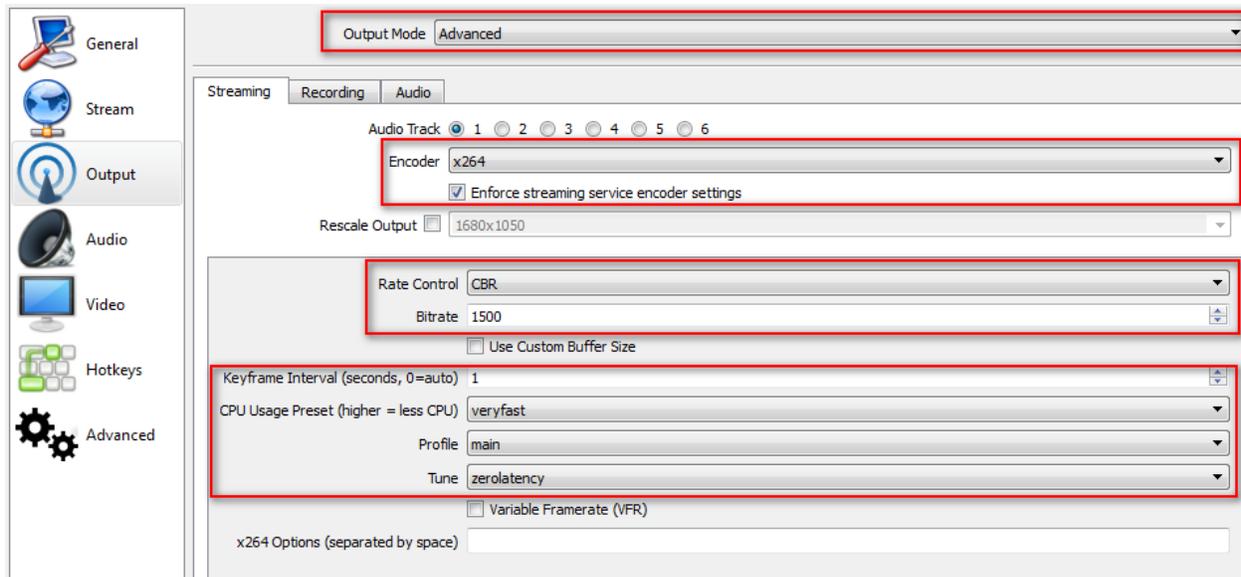
Click the "Settings" button



## Step 5

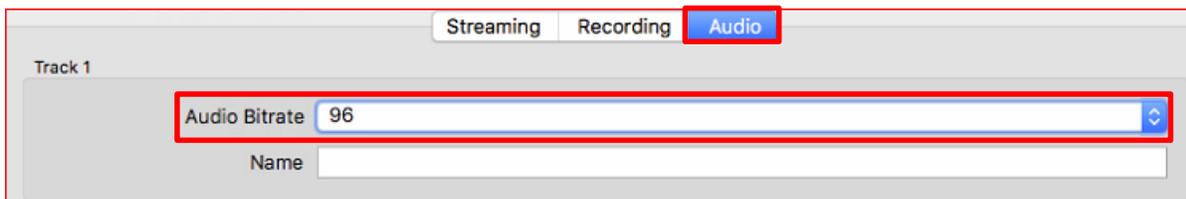
Click “Output” in the left pane and change the values in the fields below:

- **Output Mode:** Advanced
- **Encoder:** x264
- **Enforce streaming service encoder settings:** box is checked
- **Rate Control:** CBR
- **Bitrate:** 1500
- **Keyframe Interval (seconds, 0=auto):** 1
- **CPU Usage Preset (higher = less CPU):** veryfast
- **Profile:** main
- **Tune:** zerolatency
- Click “Apply” in the lower right corner



## Step 6

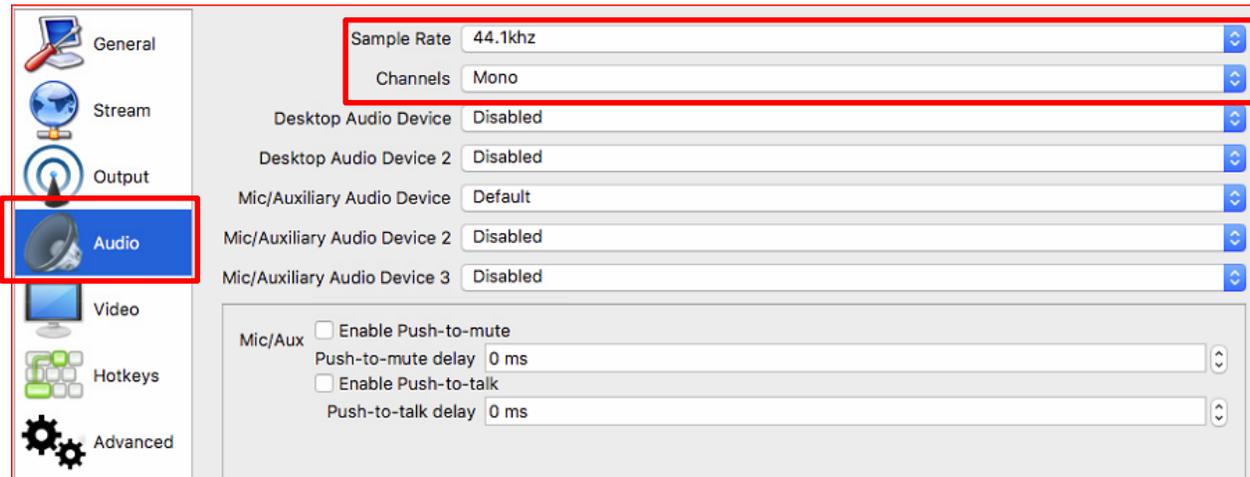
Click on the “Audio” tab and change the Audio Bitrate value to “96”. Click “Apply” in the lower right corner.



## Step 7

Click “Audio” in the left pane and change the values below:

- **Sample Rate:** 44.1khz
- **Channels:** Mono
- **Mic/Auxiliary Audio Device:** Default
- Click “Apply” in the lower right corner



## Step 8

Click “Video” in the left pane and change the values below:

- **Base (Canvas) Resolution:** 1280x720
- **Output (Scaled) Resolution:** 1280x720
- **Downscale Filter:** Bicubic (Sharpened scaling, 16 samples)
- **Common FPS Values:** 29.97
- Click “Apply” then “OK” in the lower right corner. You are now ready to broadcast in 720p!

