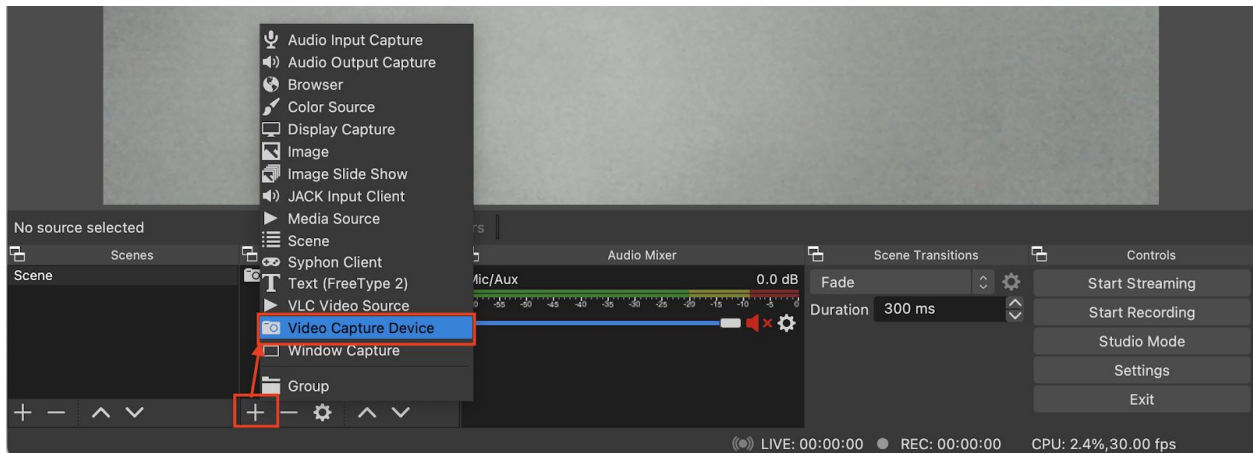


How to Configure Open Broadcaster Software (OBS) for 720p HD Broadcasting

Configuring OBS for 720p broadcasting

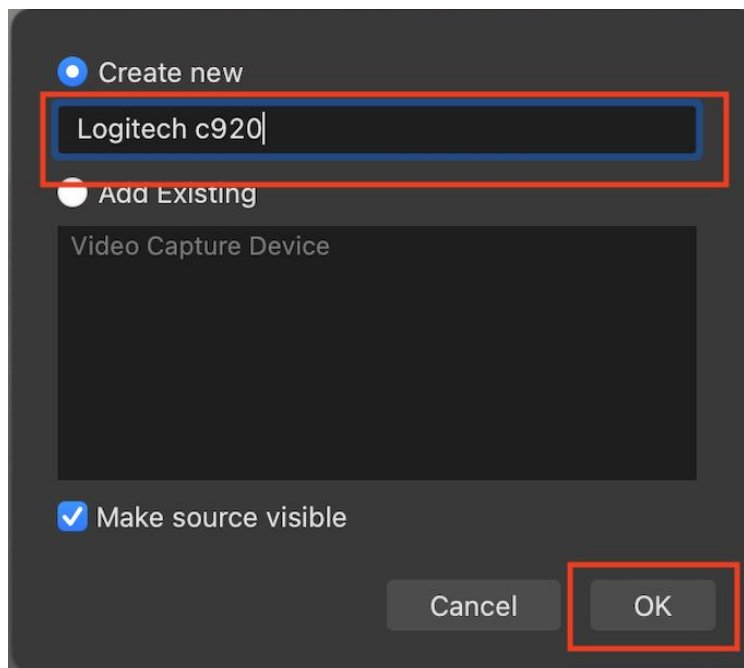
Step 1

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



Step 2

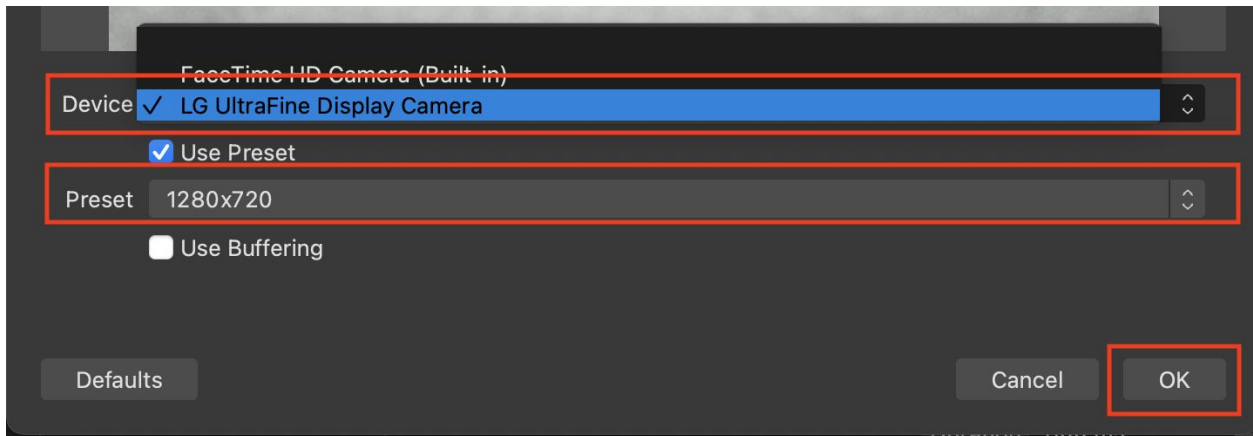
Name your capture device (preferably the name and model of the camera) then click OK.



Step 3

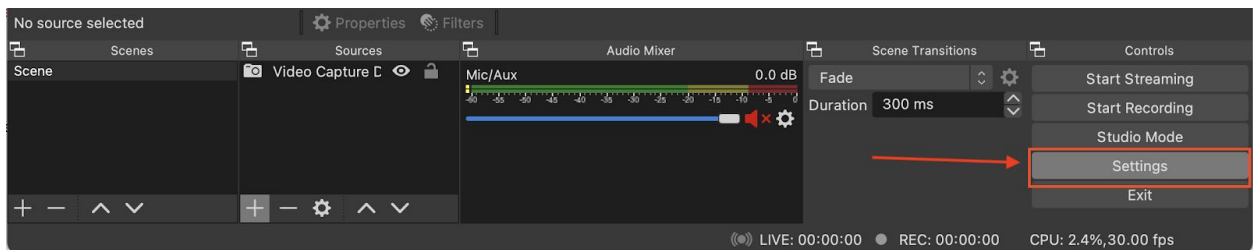
A pop up menu will appear. Select your camera from the Device dropdown menu, then modify the camera properties to the specifications below:

- **Device:** Select your webcam from the drop down menu
- **Preset:** Select 1280x720 (You will need a webcam that supports 1280x720 resolution)



Step 4

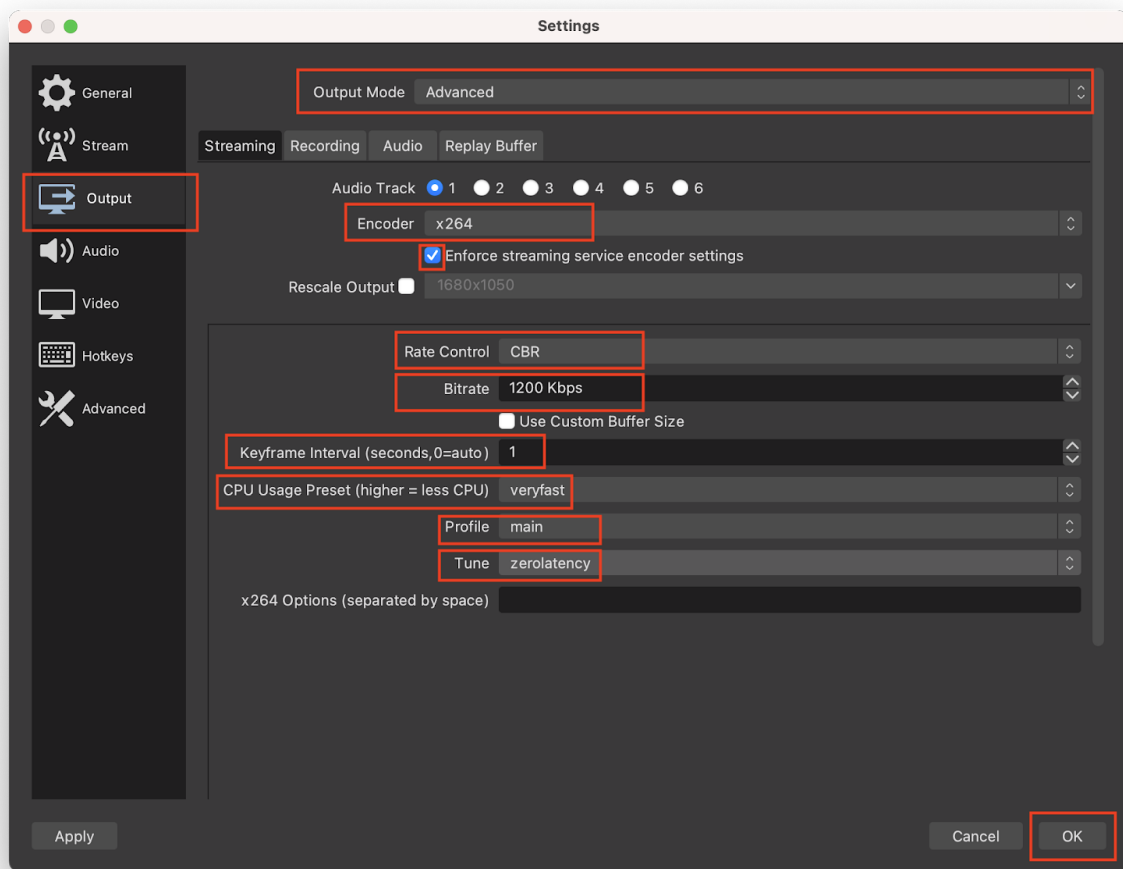
Click the "Settings" button



Step 5

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

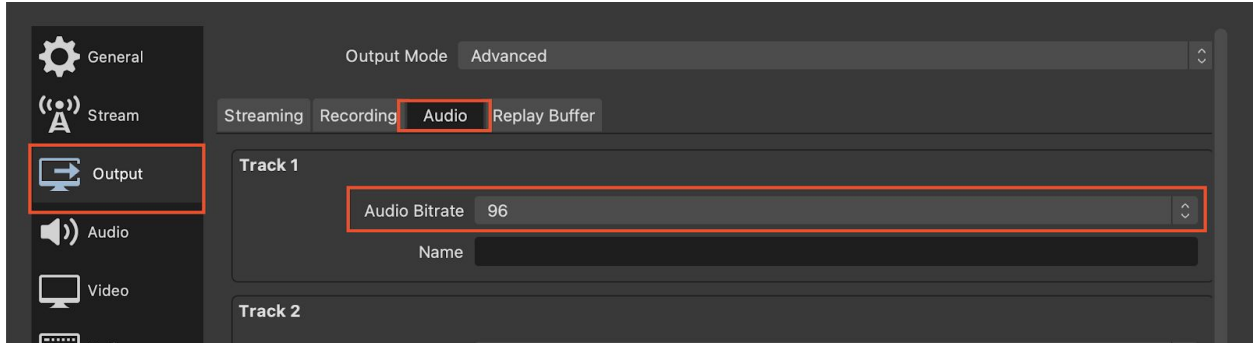
- **Output Mode:** Advanced
- **Encoder:** x264
- **Enforce streaming service encoder settings:** box is checked
- **Rate Control:** CBR
- **Bitrate:** 1200 (*see to important information below)
- **Keyframe Interval (seconds, 0=auto):** 1
- **CPU Usage Preset (higher = less CPU):** veryfast
- **Profile:** main
- **Tune:** zerolatency
- Click "Apply" in the lower right corner



*** IMPORTANT** – Do not set your bitrate higher than 1200kbps otherwise, your ranking on the WON page may be penalized.

Step 6

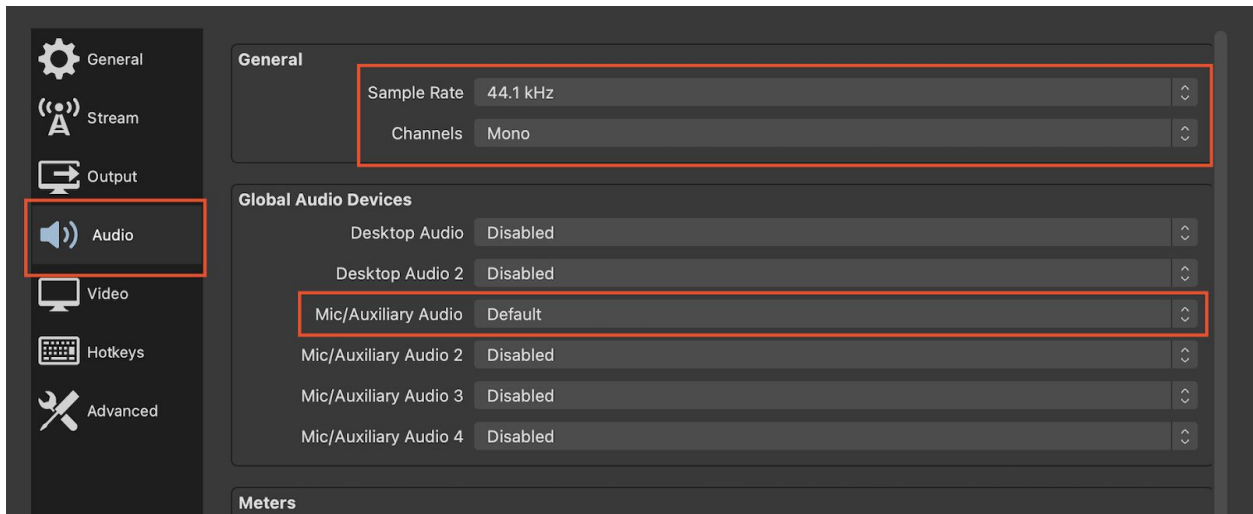
Click on the “Audio” tab and change the Audio Bitrate value to “96”. Click “Apply” in the lower right corner.



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:** 30
- Click “Apply” then “OK” in the lower right corner. You are now ready to broadcast in 720p!

