

CROWD
MUSIC®

CROWD MUSIC

Virtual Concerts

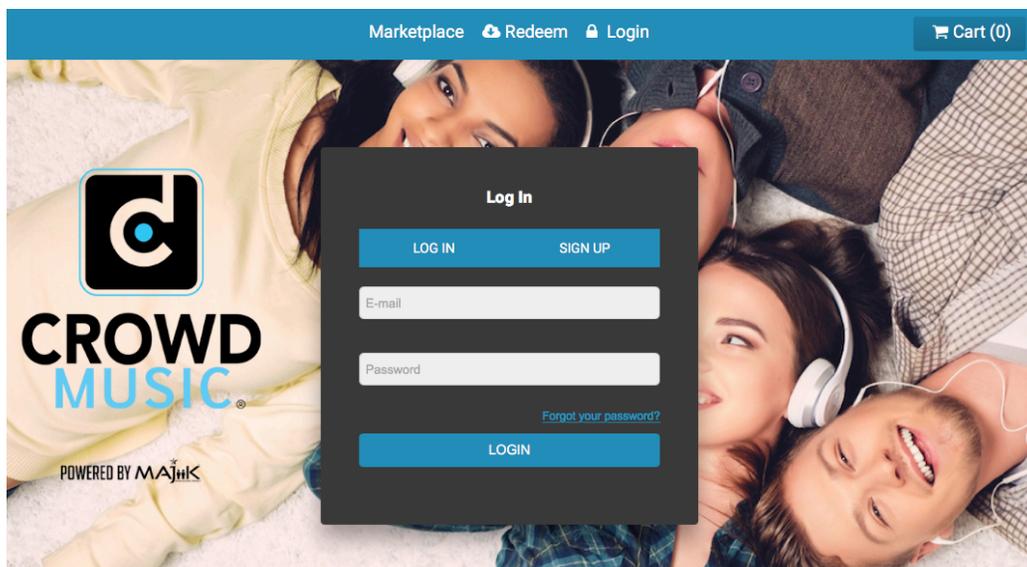
Quick Start Guide

This guide is to help you begin live-streaming on your mobile device/ computer/ dedicated streaming platform, using the Crowd Music Virtual Concert platform.

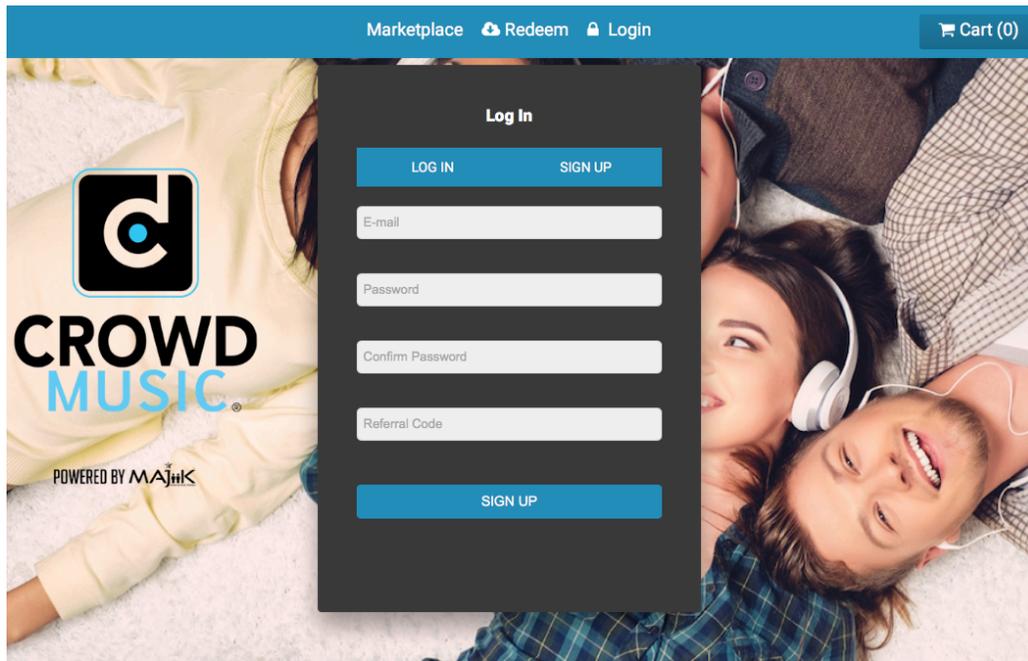
To begin, make sure you have the following ready to go...

1. A Crowd Music account
2. Your streaming URL and streaming key you purchased from Crowd Music
3. Your streaming device (mobile device/ computer/ dedicated streaming platform capable of RTMP transmission), as well as your input sources

1. Make sure that you have a Crowd Music account. You may sign up for free [HERE](#).



Next, you'll want to hit the SIGN UP button, then enter a valid email address, create a password, validate the password, then enter the referral code that your friend or colleague gave you. If you do not have a referral code, please leave it blank.



2. Your streaming URL and streaming key you purchased from Crowd Music.

To be able to live-stream a virtual concert through Crowd Music, you will need to purchase a streaming key. Crowd will deliver the streaming URL and streaming key specific to your event. Also, it is wise for first-time users to purchase a “test key,” which allows you to broadcast to as many as 5 specific devices, as well as up to an hour of broadcast time, for trouble-shooting and “sound checking” your broadcast.

Once you have your streaming URL and streaming key, you will need to copy/ paste these into your streaming device (the mobile device and app you are broadcasting through, the computer and software you are broadcasting through, or the dedicated streaming platform you are broadcasting through).

If you still need to purchase your KEY, [click here](#)

3. Your streaming device (mobile device/ computer/ dedicated streaming platform), as well as your input sources.

There are multiple ways to live-stream through the Crowd Music platform, based on the equipment you wish to use. We will give you three examples, from very simple to very elaborate, which will yield high quality results...

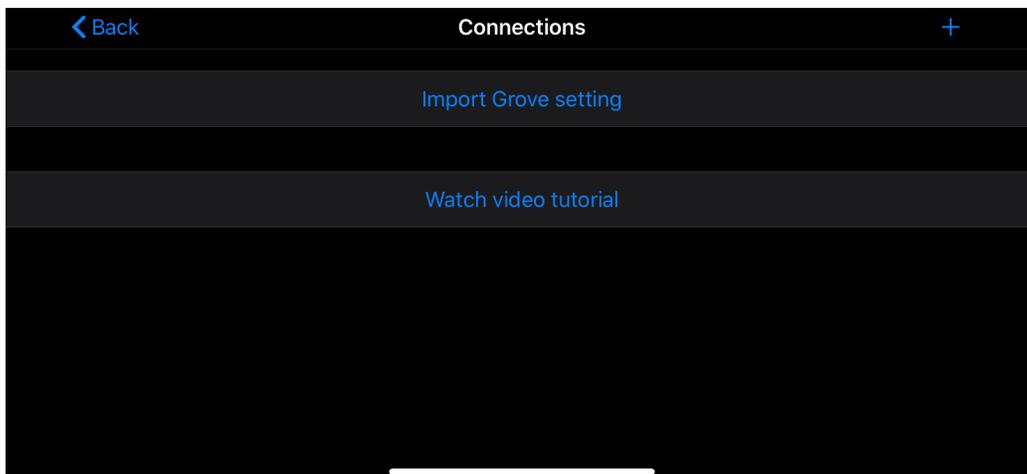
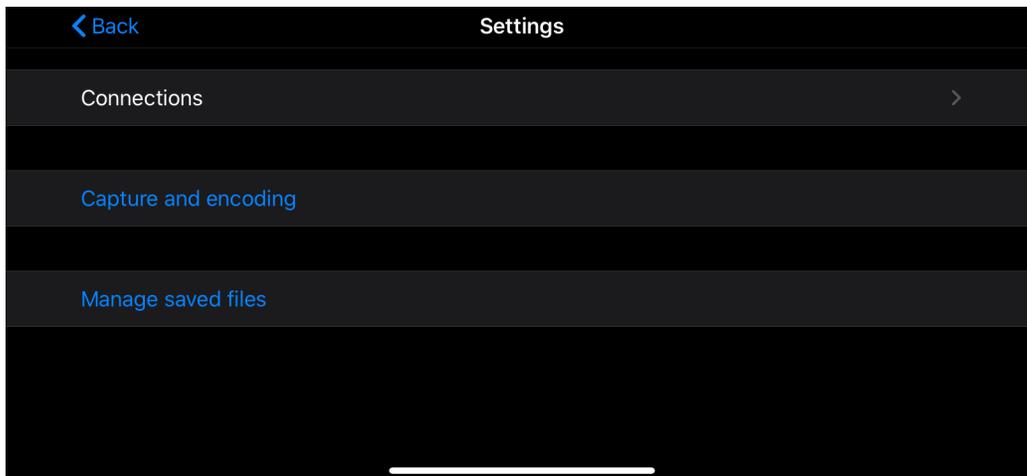
If you are using a single camera/ mobile device, such as an iPhone/ iPad/ Android phone, Crowd Music suggests the following...

- Larix Broadcaster** app (<https://softvelum.com/larix/>)
- IK Multimedia iStream** (<https://www.ikmultimedia.com/products/irigstream/>) or the **iRig Pro/ iRig Pro Duo** audio interfaces (<https://www.ikmultimedia.com/products/irigproio/>) (<https://www.ikmultimedia.com/products/irigproduoio/>)

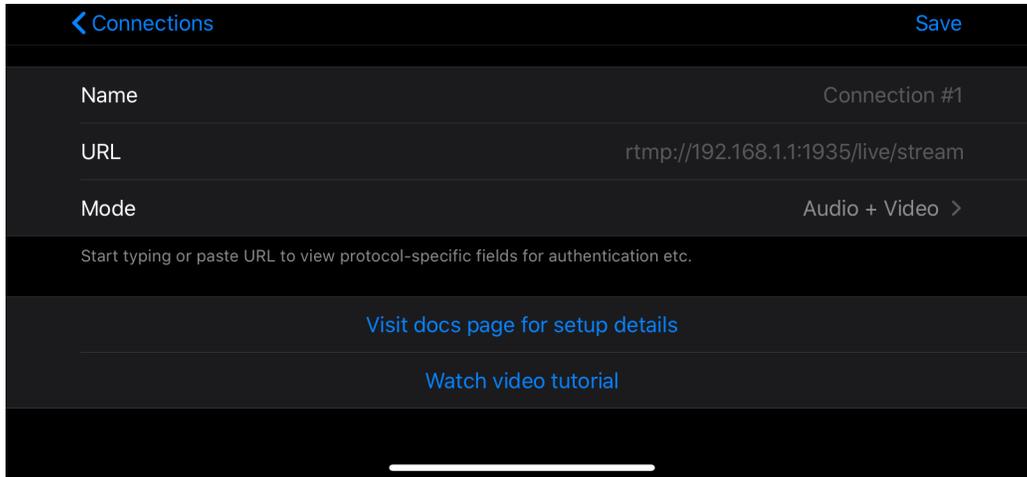
Larix

On your mobile device, download and open the **Larix Broadcaster** app. Please allow **Larix** to have access to both the camera and the microphone.

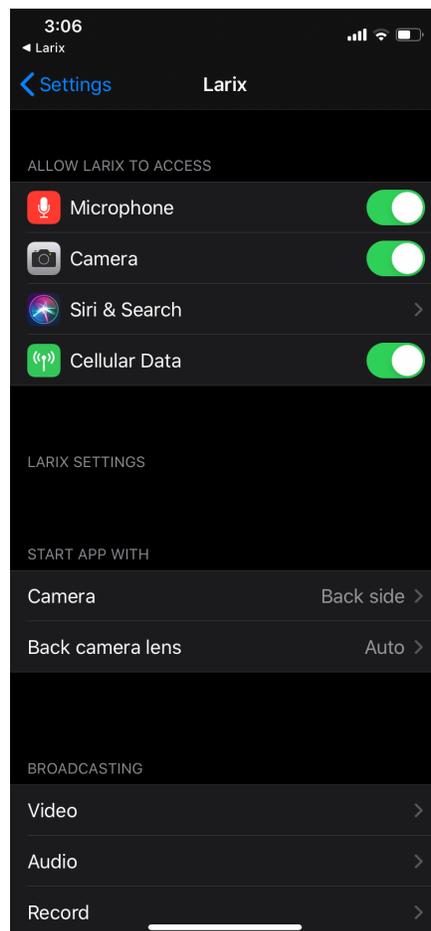
Look for the “cogwheel” on the main screen and press it. You will then press the “Connections” button, then the “+” button to enter your URL/ stream key.



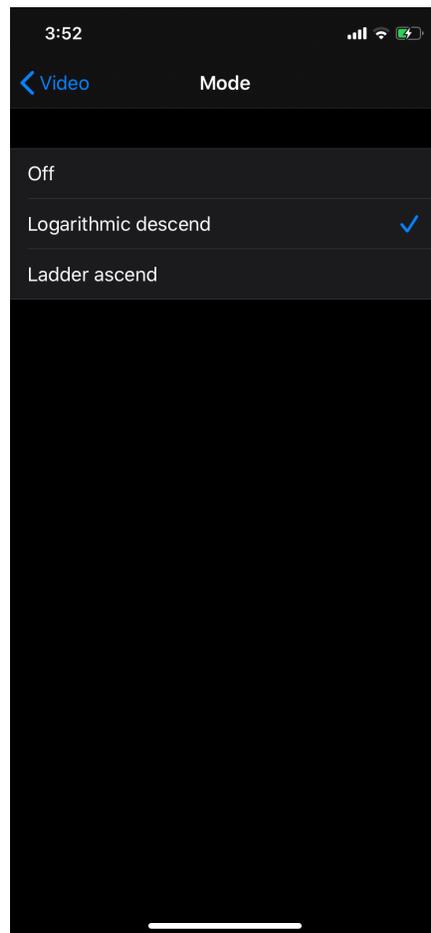
For “Name,” simply name your broadcast (i.e. My Awesome Concert!). For the “URL,” enter the streaming URL/stream key that Crowd provides. “Mode” will remain “Audio + Video.” Then hit “Save.”



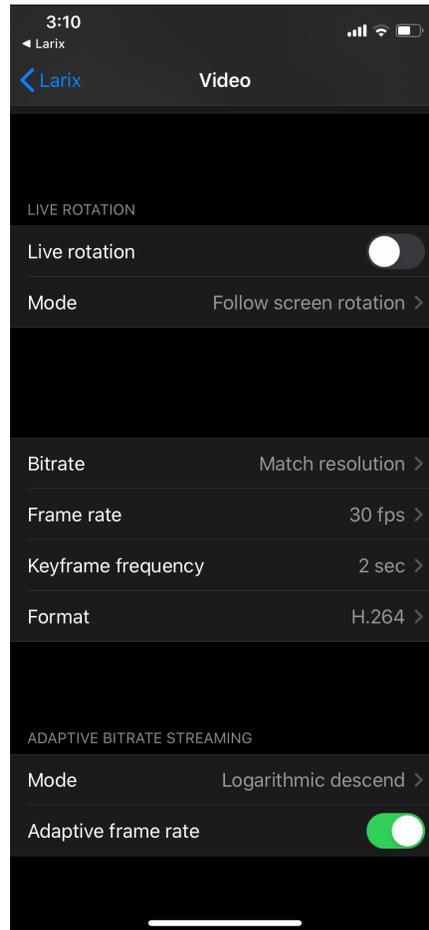
Back out of “Connections,” then back out of “Settings.” You will now see the “Capture and encoding” button. After pushing that, it will take you to the **Larix** settings page on your mobile device. Near the bottom of the menu, under the “Broadcasting” heading, you will see “Video.” Press that button.



Once inside of “Video,” scroll to the bottom of the page. Under “Addaptive Bitrate Streaming” you will see “Mode.” Select “Logarithmic descend.” Then, back out of “Video.”



Again, under “Addaptive Bitrate Streaming,” enable “Adaptive frame rate.”



Then, back out of all screens until you return to the original **Larix** broadcast screen. Your mobile device is now set up to broadcast!

For further **Larix Broadcaster** help... <https://www.youtube.com/playlist?list=PLRDQWjeuSAkMro2V0BPXuw1tz8bu7MpUH>

IK Multimedia iStream/ iRig Pro/ iRig Pro Duo

To connect the **IK Multimedia iStream** for use with the **Larix Broadcaster** app... https://download.ikmultimedia.com/plugins/Manuals/iRigStream/iRig_Stream_Quick_Start_Guide.pdf

To connect the **IK Multimedia iRig Pro** for use with the **Larix Broadcaster** app... https://download.ikmultimedia.com/plugins/Manuals/iRigProIO/iRig_PRO_IO_Quick_Start_Guide.pdf

To connect the **IK Multimedia iRig Pro Duo** for use with the **Larix Broadcaster** app... https://download.ikmultimedia.com/plugins/Manuals/iRigProDuoIO/iRig_Pro_Duo_IO_Quick_Start_Guide.pdf

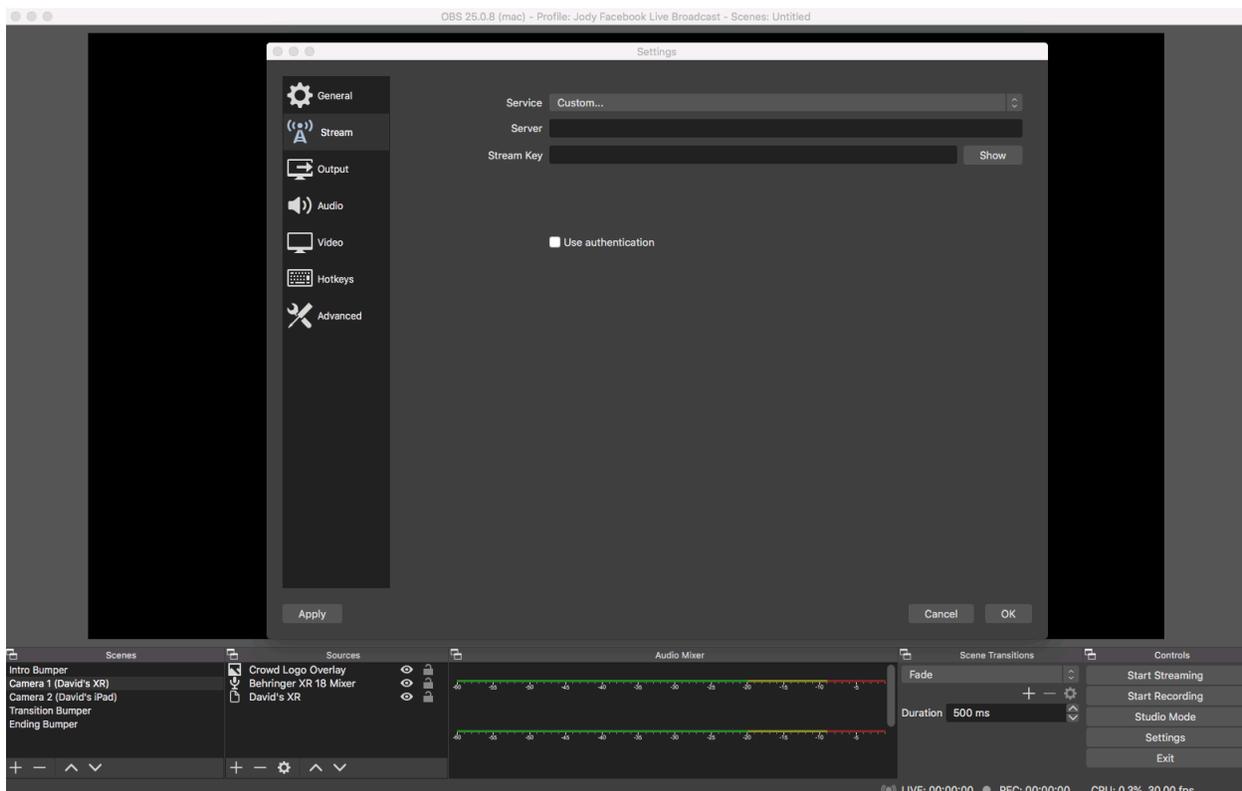
*You may also use your mobile device’s built-in microphone for broadcast, although it is not recommended for high-fidelity broadcasting.”

If you are using a computer and one or more cameras to broadcast, Crowd Music suggests the following...

- OBS** (Open Broadcaster Software) (<https://obsproject.com>)
- Camera** app for **OBS** (<https://obs.camera>)
- IK Multimedia iStream** (<https://www.ikmultimedia.com/products/irigstream/>) or the **iRig Pro/ iRig Pro Duo** audio interfaces (<https://www.ikmultimedia.com/products/irigproio/>) (<https://www.ikmultimedia.com/products/irigproduoio/>)

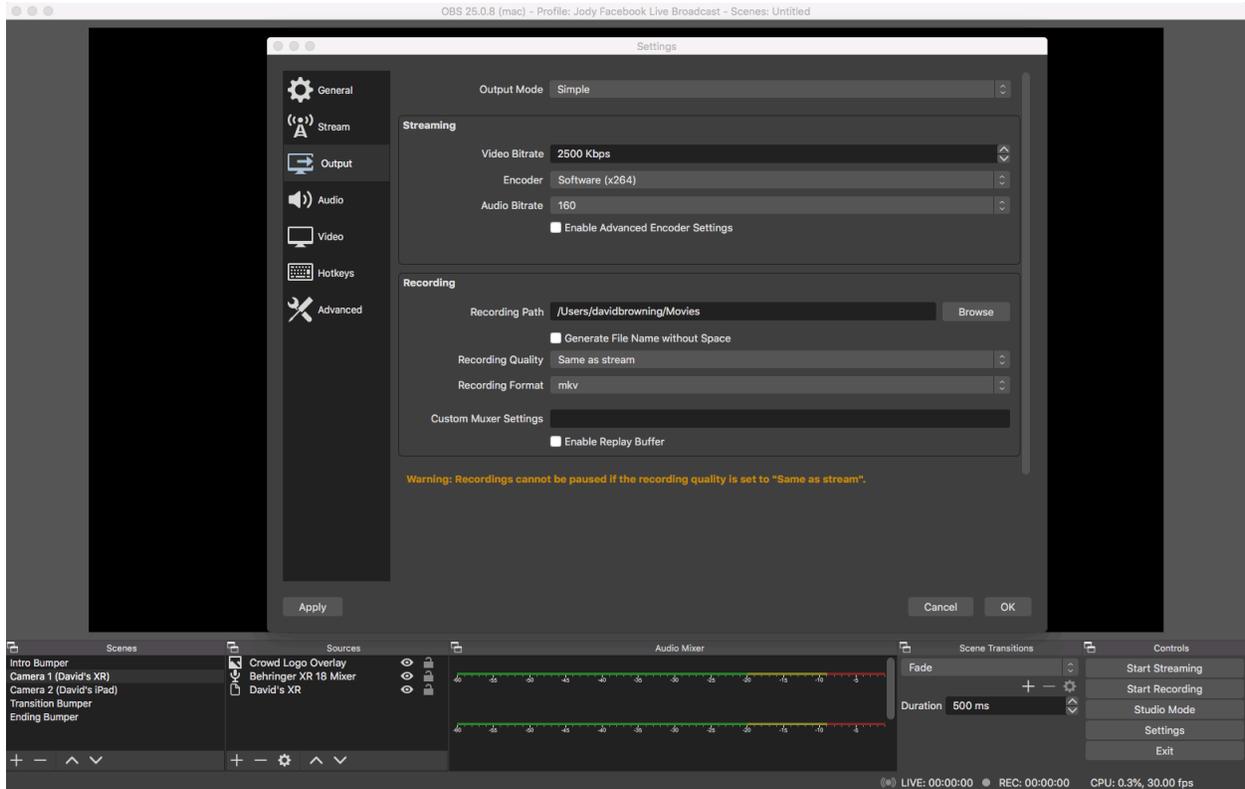
OBS (Open Broadcaster Software)

On your computer, download and install **OBS** for your operating system (Mac OS/ Windows/ Linux). Once installed, launch and go to “Preferences.” You will want to go to the “Stream” tab. You will select “Custom” from the dropdown menu, then you will place your Crowd Music streaming URL and streaming key in the appropriate boxes.

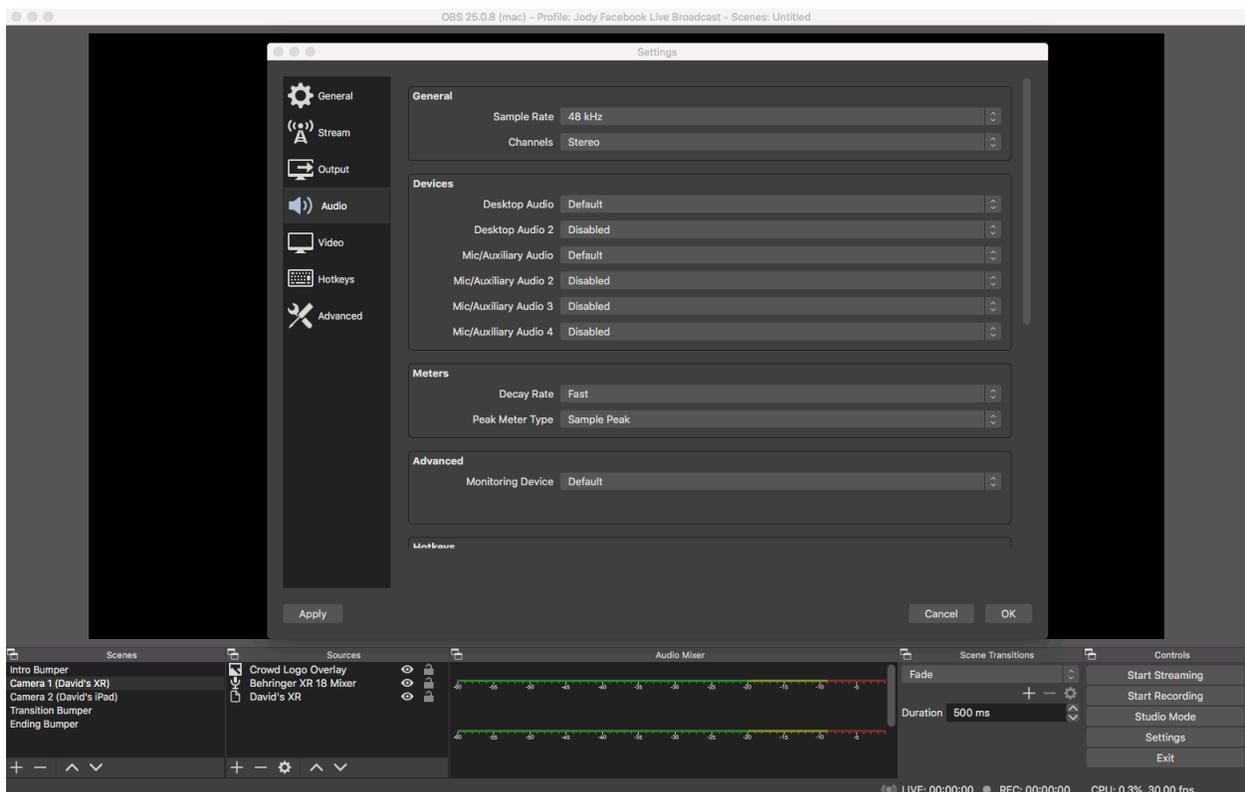


Next, you will select the “Output” tab. Depending on the speed of your internet provider’s upstream bandwidth, we suggest starting with a video bitrate of 2500 and an audio bitrate of

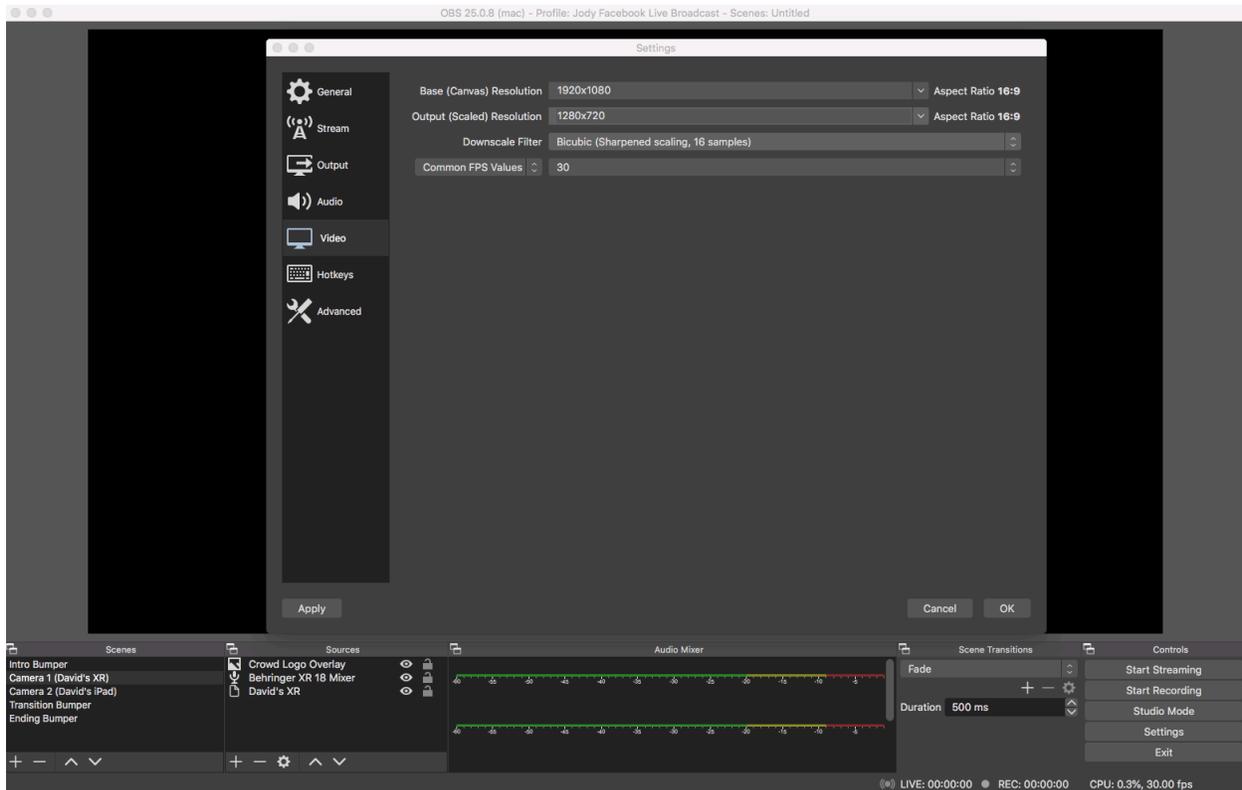
160. If you wish to record your live-stream while broadcasting, you would choose your recording path, the recording quality, and the recording format.



For the "Audio" tab settings, we suggest using 48 khz and stereo.



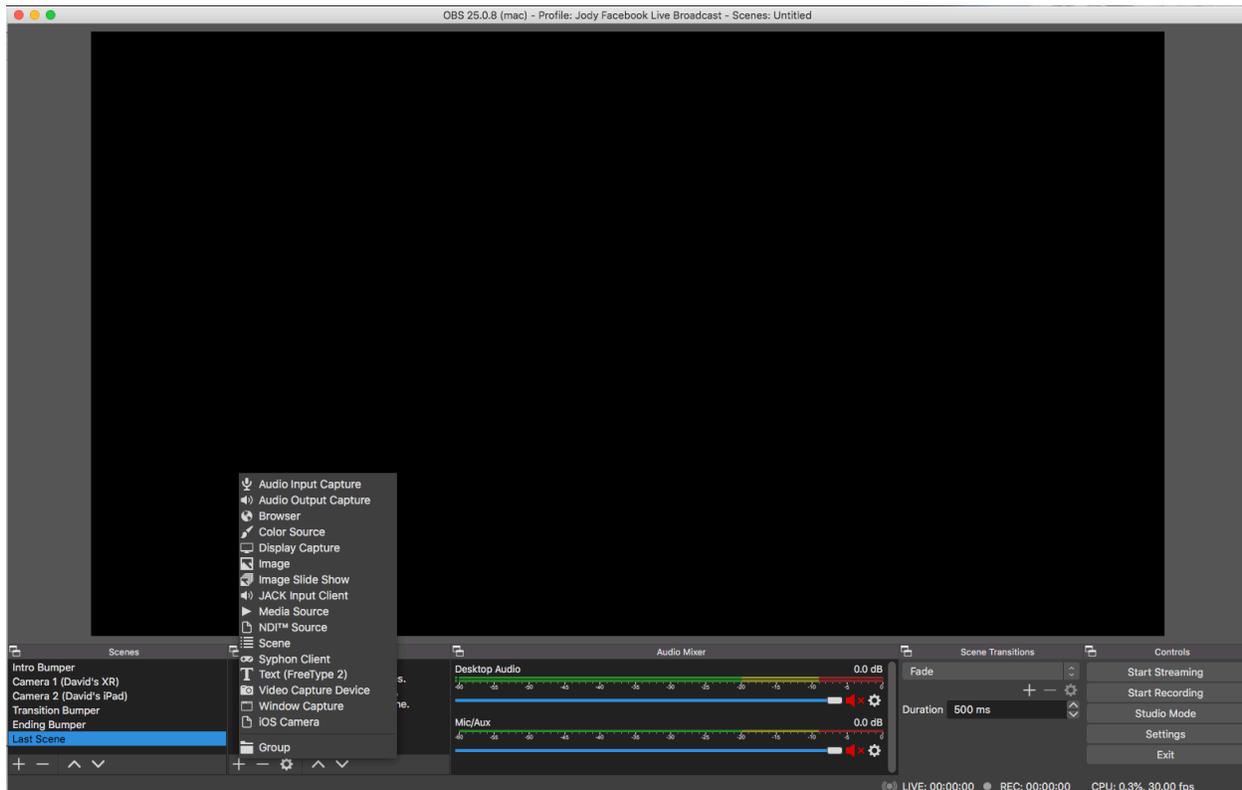
In the “Video” tab, depending on the speed of your internet provider’s upstream bandwidth, we suggest setting the Base Resolution to 1920x1080 and the Output Resolution to 1280x720. We also suggest your frame rate be set to 30 fps. If your computer and internet upstream bandwidth are optimal, you can broadcast at 1920x1080 and at 60 fps. While this may be a “perfect world” situation, we do not necessarily recommend it.



Once these settings are in place, you may return to the main **OBS** screen and begin creating your scenes, adding your images and overlays, adding your camera(s), etc. For detailed instructions on how to get the most out of **OBS**, please go to... <https://obsproject.com/help>

Camera app for OBS

If you are using Apple iOS devices, you can purchase this app to allow your iPhone/ iPad to become a camera in your **OBS** system. First, you need to download the iPhone camera plugin for **OBS** (<https://obs.camera/docs/getting-started/ios-camera-plugin-usb/>) Once downloaded, install it to your computer. When you press “+” on the “Sources” window, you will now see that “iOS Camera” is an option.



Next, make sure that you purchase the **Camera for OBS** app and install it on your iOS device(s). Once installed, start the app and **OBS** will recognize it as a video input source. You may do this with as many iOS devices you wish, as each is recognized by it's serial number.

You are now ready to stream your broadcast!

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*If you are using a dedicated streaming platform such as **Sling, Teradek, Blackmagic, Roland or others**, you will only need a Crowd Music streaming URL and streaming key.*

You can get your streaming URL and streaming key by clicking [here](#)