

Vimeo; setup and broadcast to a live event

This article will explain how to set up, customize, and broadcast to a live stream event using Vimeo. We will also cover setting up a streaming application for respectively iOS and Windows 10.

- Setting up a new live stream event
- Setting up a streaming application; Streamlabs on iOS and Android
- Setting up a streaming application; OBS Studio on Windows 10 and Mac
- Explanatory videos
- Related articles

Make sure to **only plan recurring events!** One Time events cannot be used for the web-player Live Stream integration. More on this later in the article.

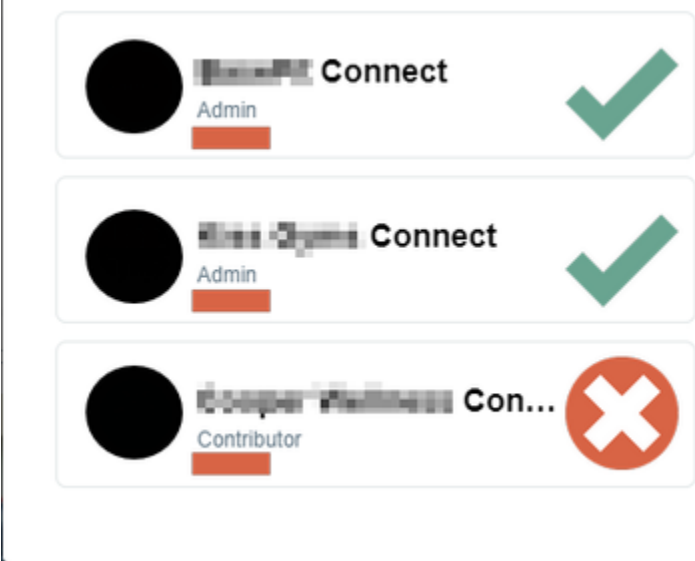
Profile admins are the only permissions group that is able to set up and edit live events. Thus, the *Contributor* role is **insufficient** in setting up and editing live events!

More information later in the article.

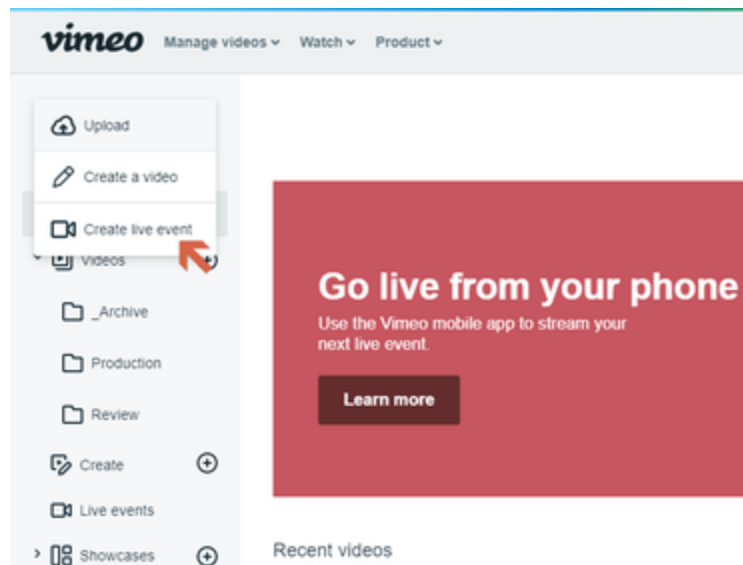
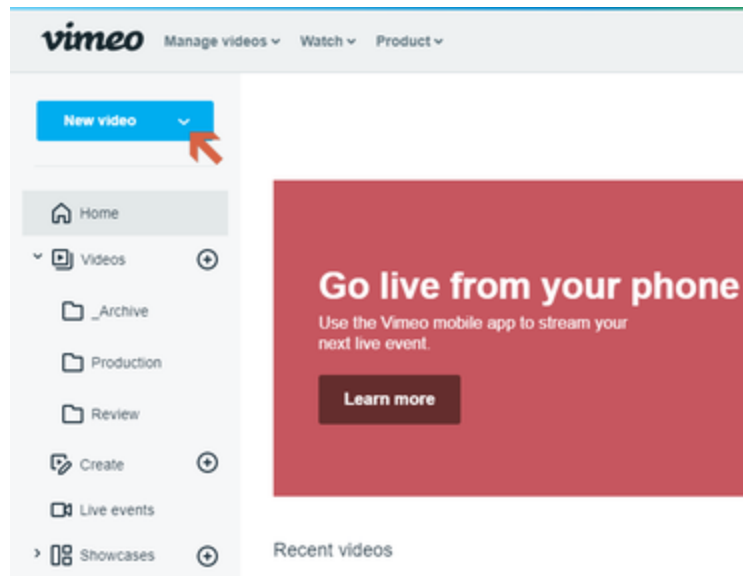
Make sure to keep the streaming key **absolutely confidential** between the account admin and the trainer to which it's created! If anyone with malicious intent was to get a hold of the stream key, it can be used to broadcast material through your channels!

Setting up a new live stream event

1. Navigate and login to vimeo.com. Make sure to login with your own profile and then navigating to the team for which you need to set up a live event. Please note: you'll need to be an admin for a team before you can set up and edit a live event. When you select the team on the team switcher, you can see which role you have on that team.



2. In the upper left-hand side, click the blue "New video" button and select "Create live event".



3. A pop-up will now appear, letting you put in place some base settings for the event. A few of these items should be done in a certain way, namely whether it's "Recurring" or "One-time" and the Privacy setting.
 - a. Give the event a name.
 - b. The event **must be** set as recurring! This is **very important** as the streaming key for a recurring event can be used multiple times, whereas the streaming key for a one-time event is **not reusable** after a stream event has ended, furthermore, the Vimeo API does not read out One Time events as live stream events, but rather as "regular" Connect videos.
 - c. Start date and time is **mandatory** to schedule the event. The time for the event is the *local timezone* of your browser session.
 - d. Further to setting a time for the event, toggling "Repeat" also lets you select which days the event will schedule for. If you select Monday - Wednesday - Friday at 9 AM and then visit the streaming link Tuesday afternoon, the link will say that the next stream happens on Wednesday at 9 AM.
 - e. Set the Privacy to "Hide from Vimeo".
 - f. **Please note!** The "Hide from Vimeo" option might not be visible to you. If not, select "Private link" and then change to "Hide from Vimeo" on the next screen.

Create live event ×

Event title

Recurring One Time

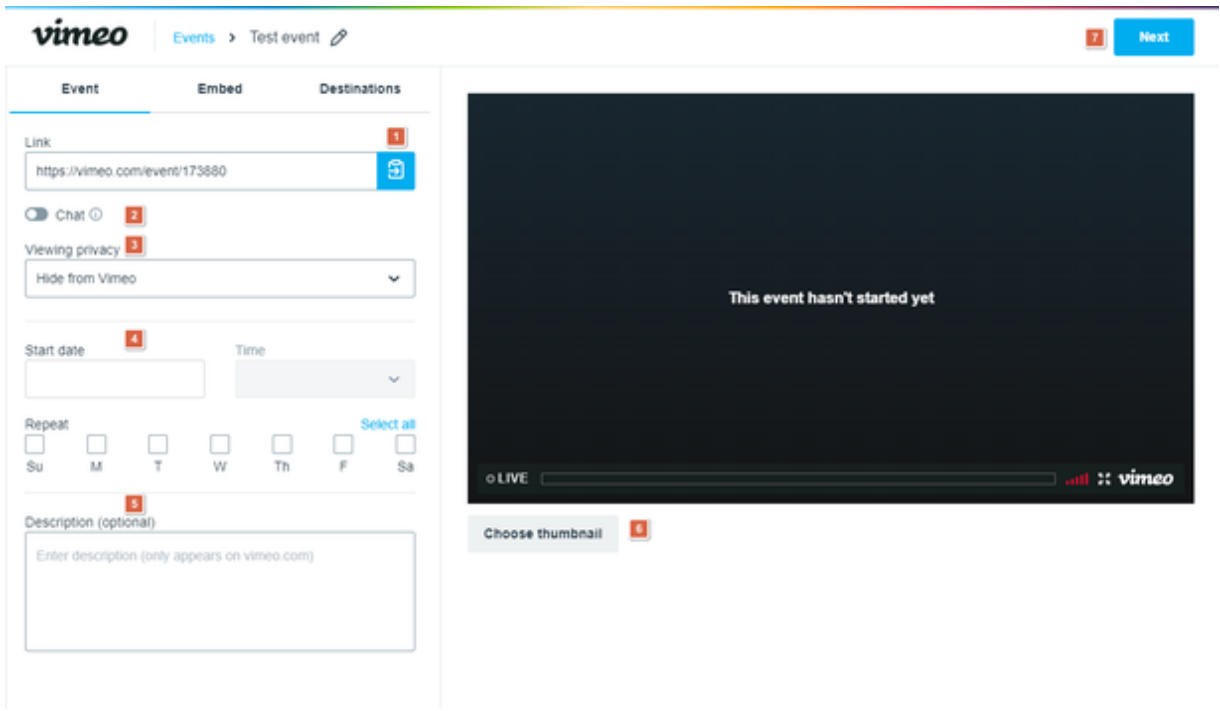
Start date (optional) Time

Repeat

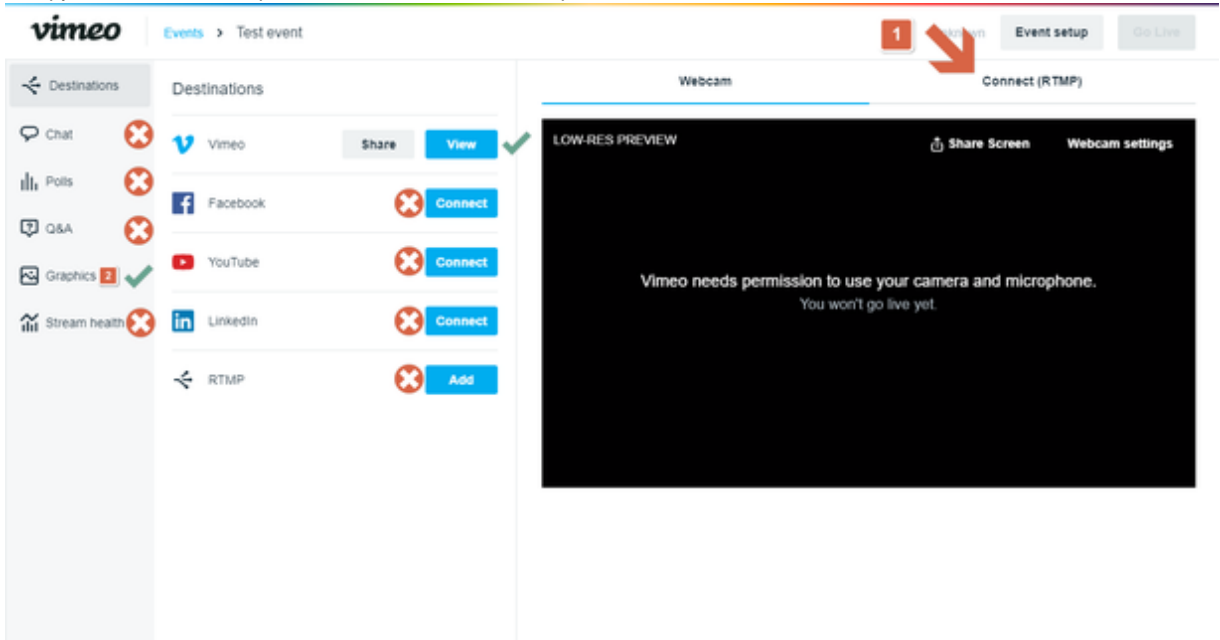
Privacy
 v

- Public
- Only me
- Password
- Private link
- Hide from Vimeo

4. Once we've put in our event parameters, we click "Next" and it is **at this point** that the web-player will pick up the stream and display a card in the Live Stream section!
5. We now land on the first page where we can customize the stream. Here are a lot of options:
 - a. First, is the link (1) where our stream can be seen. Since the privacy setting is set to "Hide from Vimeo", to check the stream, you must be logged in to your account (and team) to see this link, however, it is good to test the initial stream.
 - b. The second is "Chat" (2). This is not used with Connect, so toggle this off.
 - c. Viewing privacy (3), as also set in the previous step, should be "Hide from Vimeo".
 - d. Start date, Time, and Repeating days (4) is also a duplicate setting from the previous step, but here you can alter them if needed.
 - e. Description (5) is where you can note some additional information about the event.
 - f. We recommend that you add a thumbnail (6) to the stream as a placeholder image for when the event isn't live.
 - g. Once you're satisfied with these settings, press "Next" (7) in the upper right-hand corner to proceed.

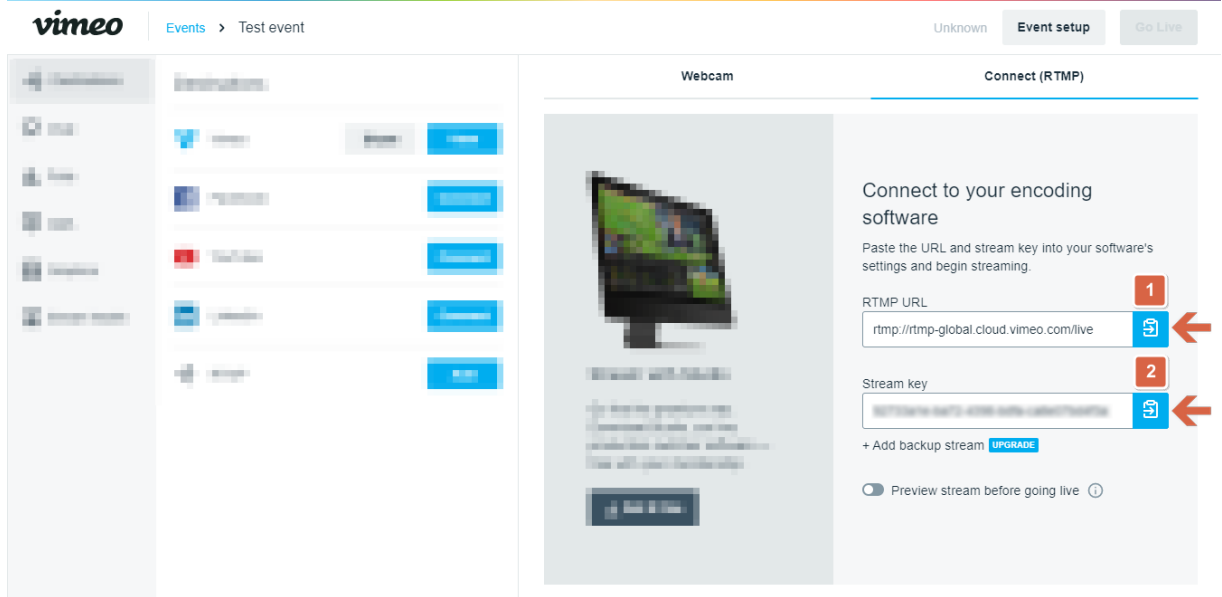


6. That takes us to the next page, which, unfortunately, has a lot of things we *don't* need.
 - a. The most important bit of the setup is found by selecting "Connect (RTMP)" (1). We'll see a detailed view of that shortly.
 - b. In addition, we have an option called "Graphics" (2), which allows you to add certain graphical elements to the stream, such as logos and banners. We recommend waiting with that until you have some more experience in how your streams are looking. Furthermore, these elements are mostly available to streams handled directly via the Vimeo interface, which they would rarely be.
 - c. Finally, to see how the stream looks "for real", you can click either "Share" or "View" on the Vimeo row. This will either allow you to copy the stream link or open a new tab with the stream open.



7. On this page are two very important strings you will need to copy and save, preferably to a note you can share across devices, as you will need to copy this information later when we set up the stream in our streaming app/software.
 - a. RTMP URL (1). This is the link that tells any streaming app/software which serves to communicate to. This link is always the same!
 - b. Stream key (2). This is the **single most important string** to copy and have available when setting up a stream. The stream key is the unique identifier for a certain stream event. **VERY IMPORTANT! Make sure to keep the streaming key absolutely confidential between the account admin and the trainer for which the stream event is intended!** If a party with malicious intent were to obtain the key, it could be used to broadcast unwanted material through your channels!

c. You can copy both values by clicking the blue clipboard icon at the end of the fields (red arrows).

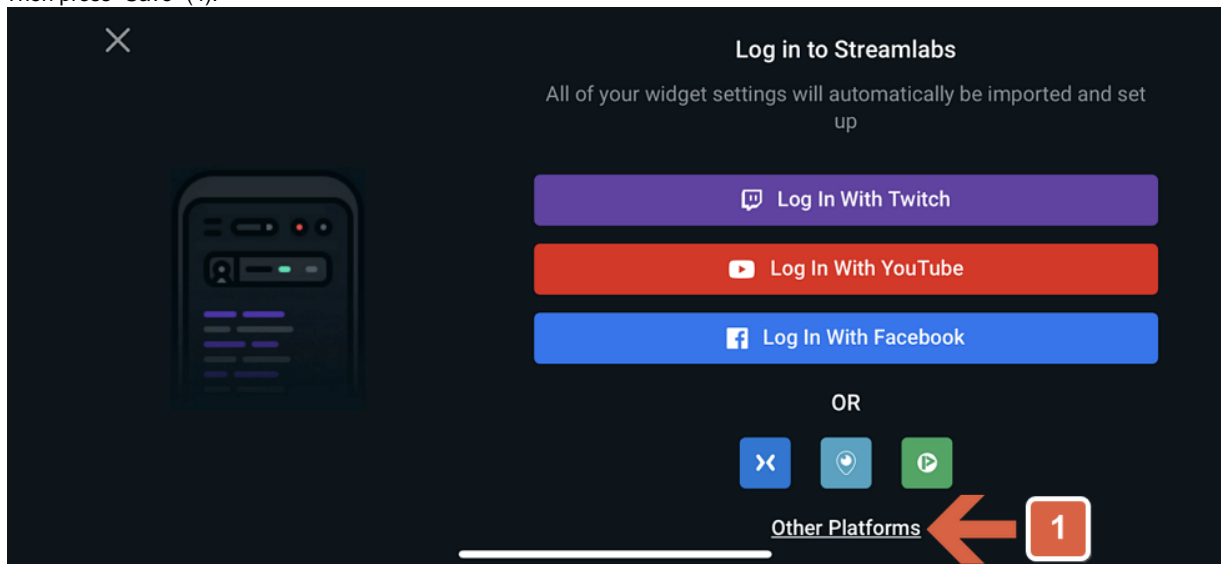


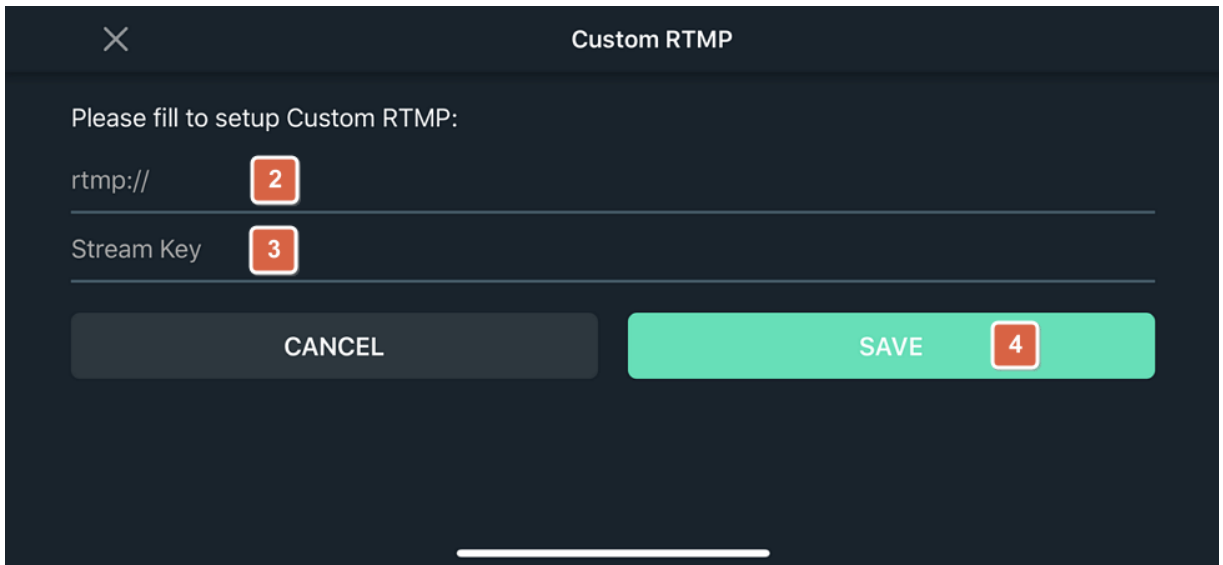
This concludes the Vimeo aspect of setting up a live stream. Next, we will look at two ways to set up a stream via both an iPhone and Windows 10 applications. The approach is largely similar for Android smartphone devices and Mac computers.

Setting up a streaming application; Streamlabs on iOS and Android

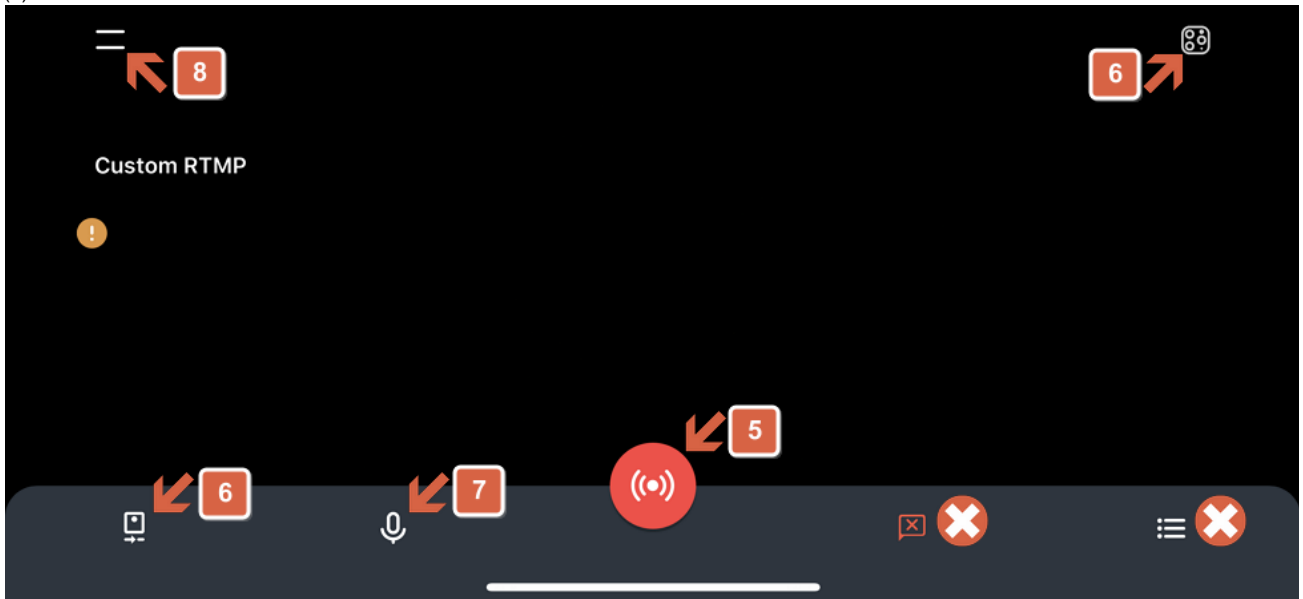
Streamlabs is a company that primarily does supporting technology to Twitch, a world-leading computer game streaming platform, but its free app is a really good and relatively simple tool for handling streams via your phone.

1. Download Streamlabs from the Apple App Store here or from the Google Play store here.
2. Opening Streamlabs the first time, you'll see the following screens.
 - a. On the landing page, select "Other Platforms" (1).
 - b. On the next screen, Custom RTMP, first insert the RTMP URL (2). For Vimeo, this RTMP URL is always: `rtmp://rtmp-global.cloud.vimeo.com/live`
 - c. Now insert your Stream Key (3) that you either copied from step 6.b or was provided to you via text or e-mail.
 - d. Then press "Save" (4).

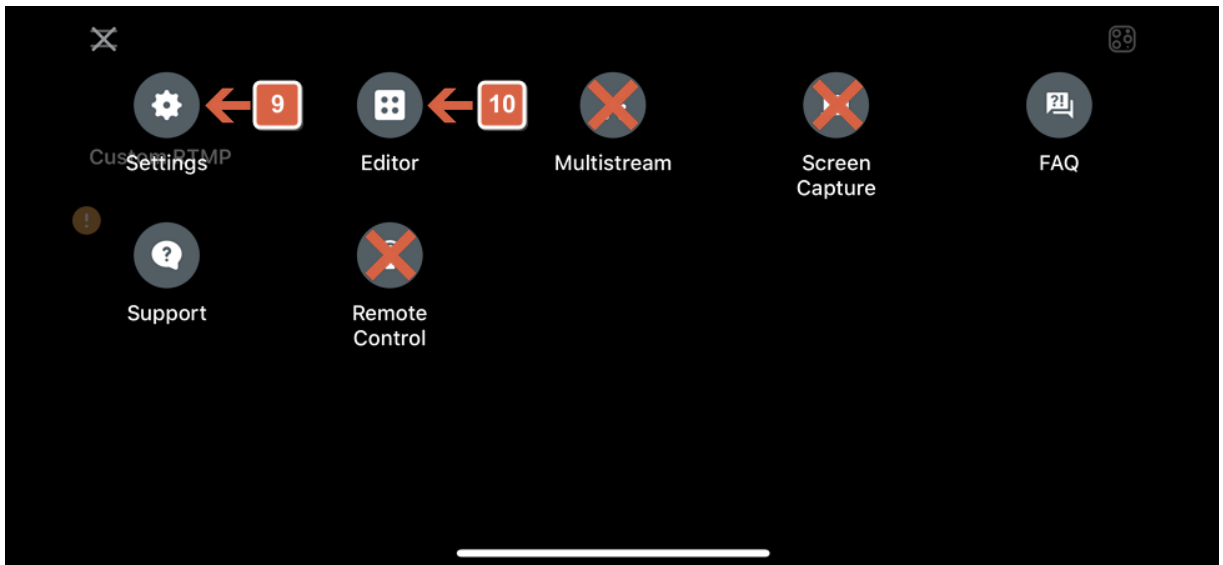




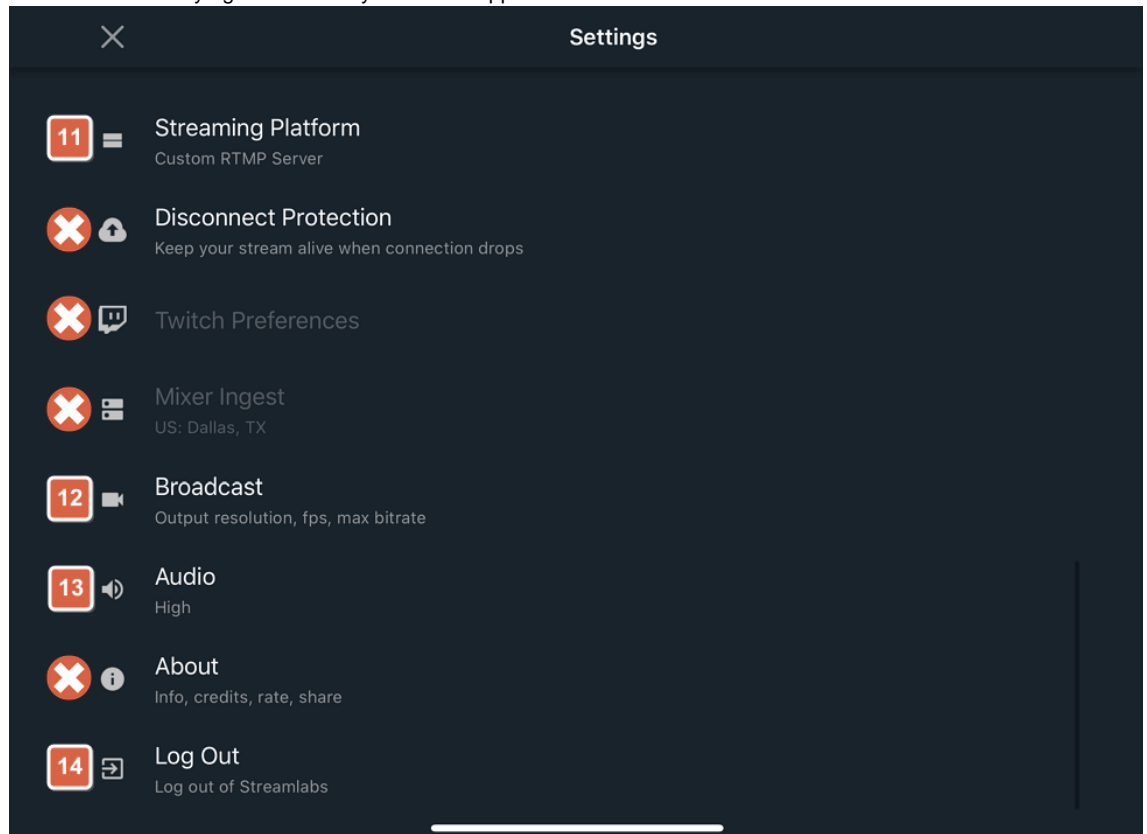
3. You're now taken to the main interface for Streamlabs, and you're ready to stream! To start your stream, click the red "broadcast" button (5).



4. What follows now are detailed and advanced instructions for the Streamlabs app and an explanation of the different views and options available.
- To change which camera is used, press either of the camera change buttons (6). Pressing the upper right-hand button gives you a list of the available cameras.
 - To mute or un-mute your stream, press the microphone symbol (7).
 - To access the main menu, press the two horizontal lines in the upper left-hand corner (8).
 - From here you can access the app settings (9) and the stream editor (10).



- e. Going into Settings (9), you have the following options:
- i. To change the streaming key, if necessary, press the “Streaming Platform” option (11), scroll to the bottom, and select “Custom RTMP server”. This will prompt the same image as we saw in point 2.d.
 - ii. To edit your broadcast settings, select “Broadcast” (12). In here, you can adjust output resolution, the framerate, the video bitrate, and how the autofocus should behave. We suggest the following settings:
 1. Output resolution: 720p or 1080p depending on available bandwidth.
 2. Expected framerate: 30
 3. Max video bitrate: 4000 (can be lowered to conserve bandwidth). Should not be lower than 2500
 4. Focus mode: Continuous autofocus.
 - iii. To set the audio quality, press “Audio” (13). We recommend setting to “High”.
 - iv. To disconnect and log out entirely of Streamlabs, press “Log Out” (14). If you do this, you will have to type in the RTMP URL and Stream key again next time you use the app.

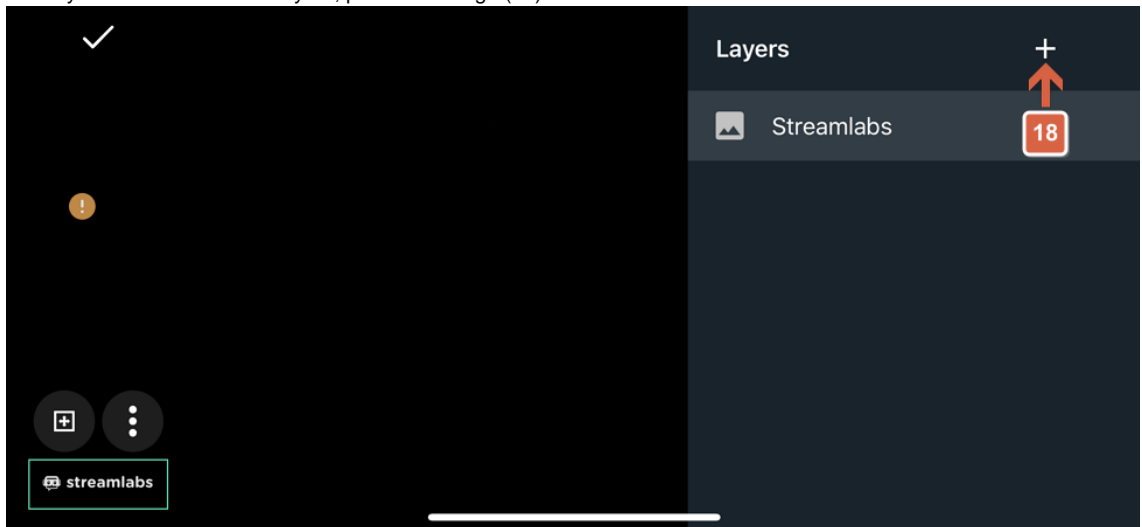


- f. Now, looking at the Editor (10), these are the options:

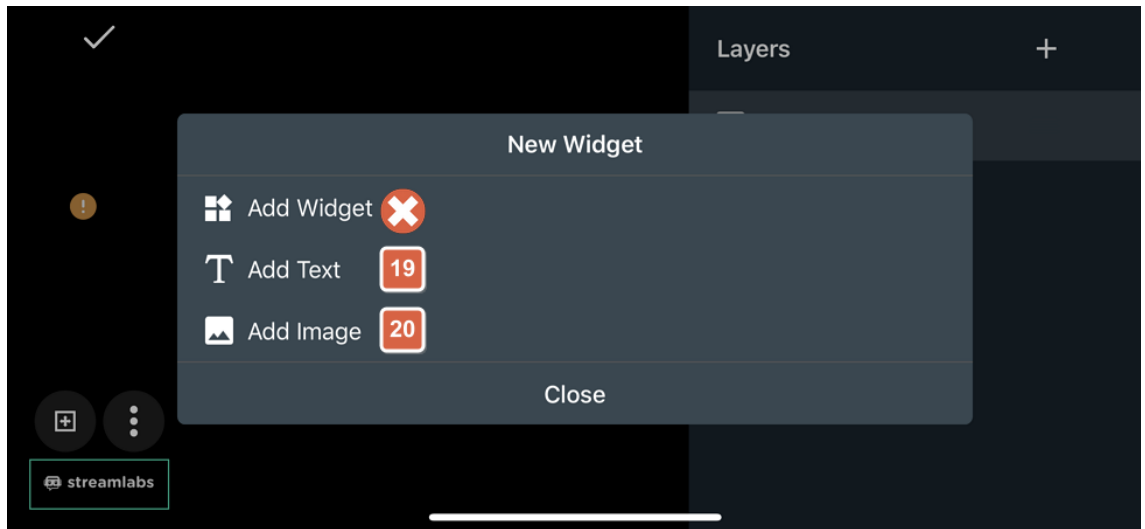
- i. To add content to your stream, press the Layers menu (15).
- ii. The Streamlabs logo (16) in the lower left-hand corner is not removable on the free version of the app, but it's not very intrusive.
- iii. Once you're done with adding content layers to the stream, verify by clicking the checkmark (17)



- iv. Clicking the Layers menu (15) brings up this option. Since this is the paid version, the Streamlabs logo is already there as a layer. To add additional layers, press the + sign (18).



- v. We will now see this menu. Please ignore the top option, Widgets, as that functionality does not pertain to our use-case. There is the option to add text-boxes (19) and images (20). You can play around with adding these items to your stream in "offline mode" and see how it looks before going live. This functionality could be used to show your name, the name of the class, and also have your club logo feature on the stream.



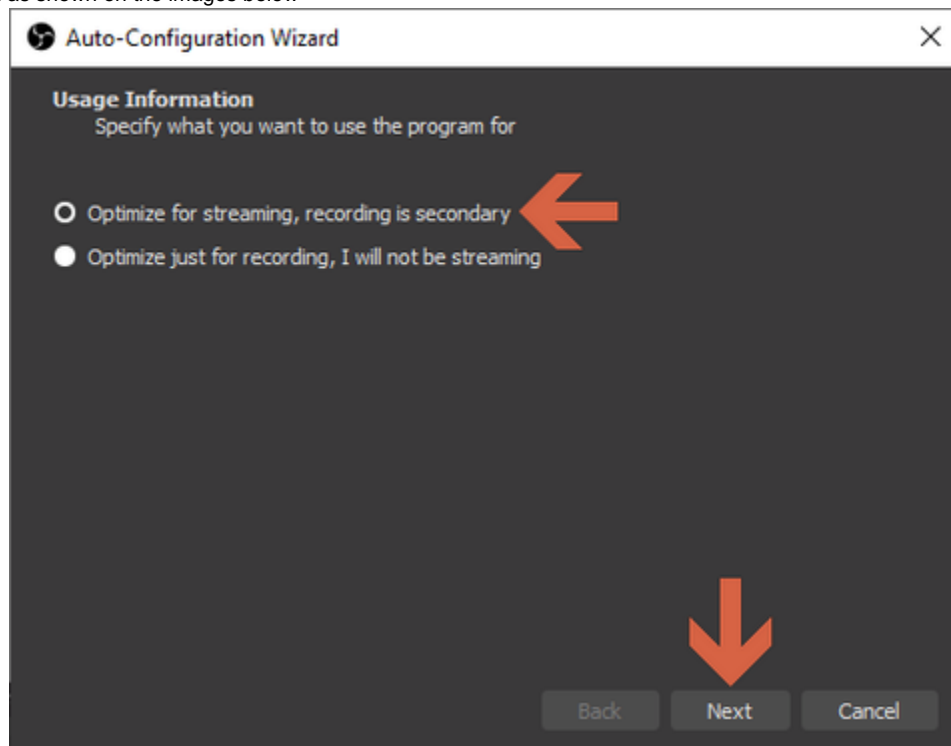
This concludes the section about setting up Streamlabs for Connect Live on iOS and Android.

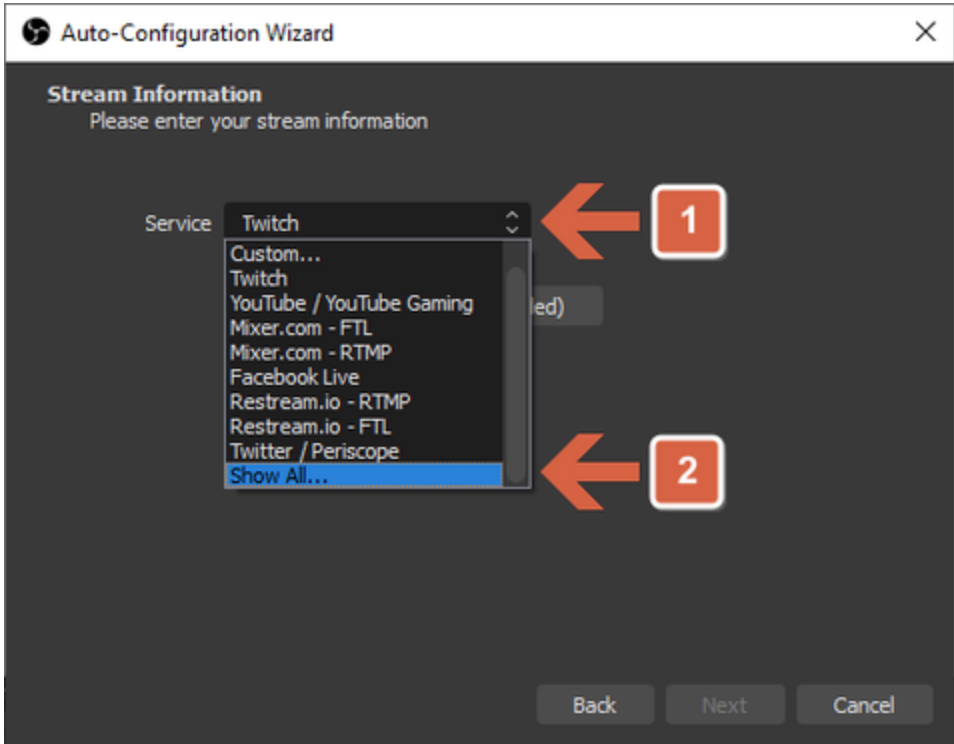
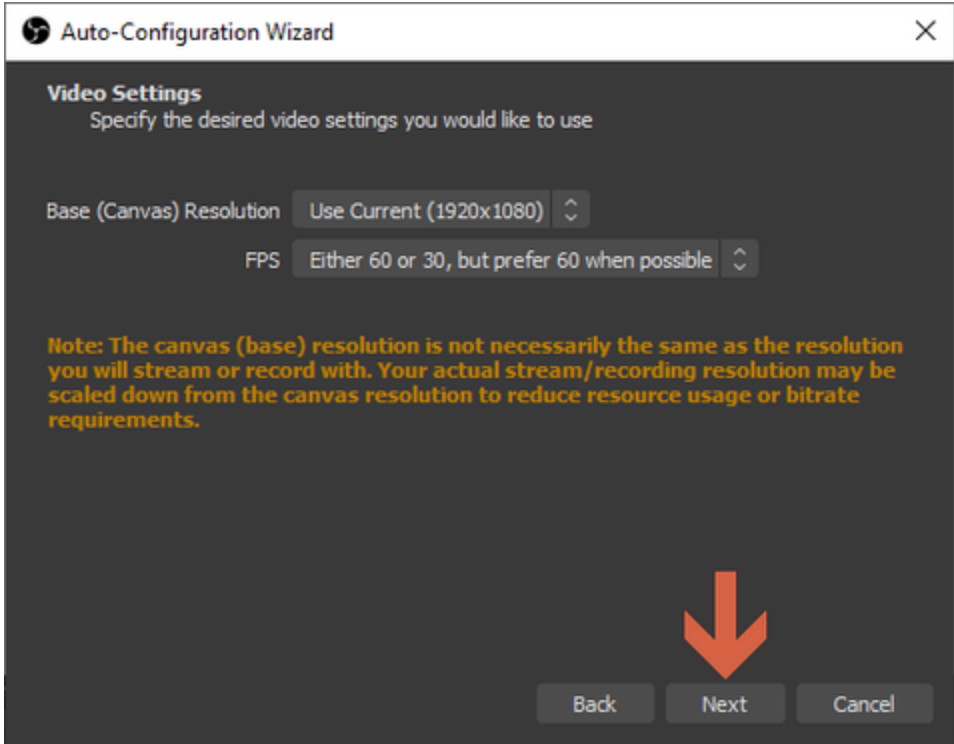
Setting up a streaming application; OBS Studio on Windows 10 and Mac

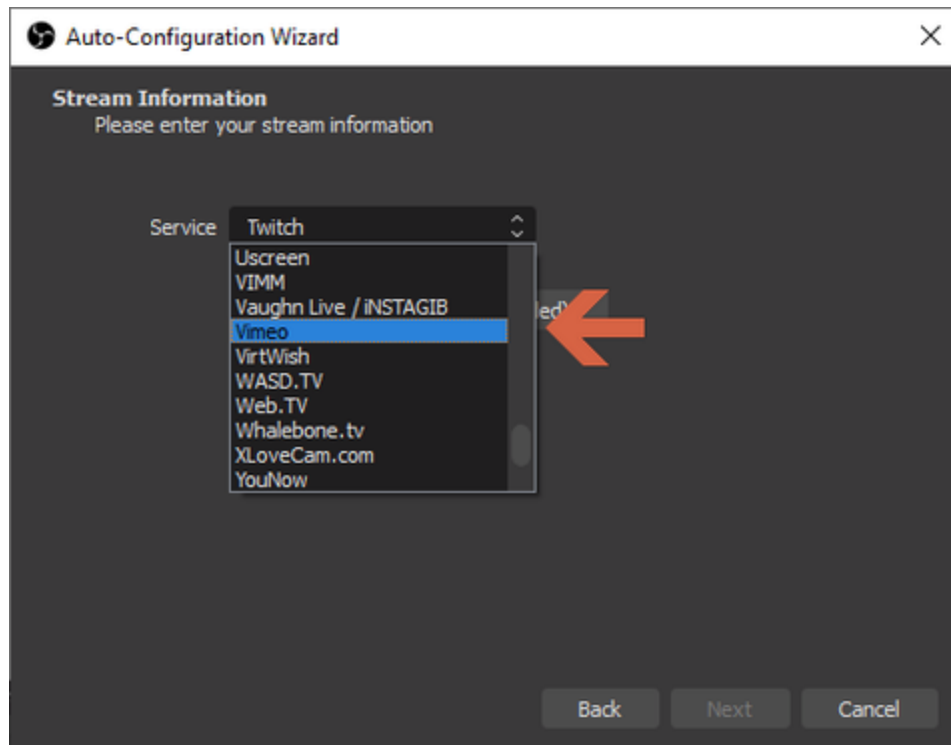
OBS Studio (Open Broadcaster Software) is a free and very powerful streaming and recording media application. It works on both Windows and Mac and has many functions that makes it ideal to handle a stream from your computer. It can look very advanced but is truly relatively simple to operate once you know how to edit a few base settings and operate a few buttons.

For full OBS documentation on all functions, please visit their own help section here. We will only be covering the most necessary settings, buttons, and views to facilitate a stream.

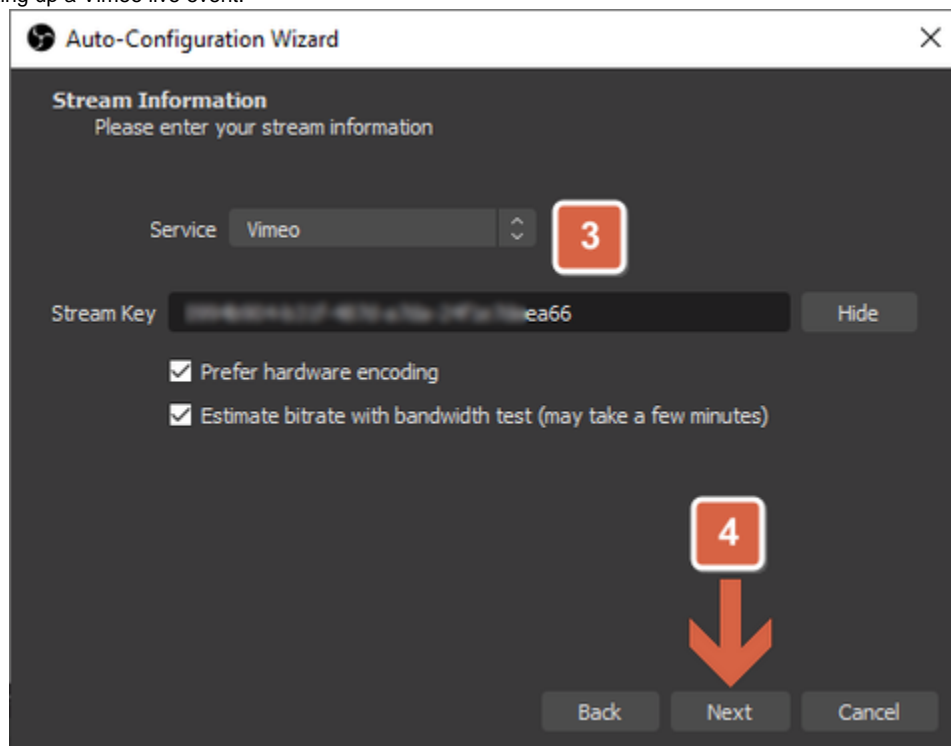
1. Download OBS from here and install it on your desktop/laptop.
2. Open up OBS. The first time you open it, a prompt should appear to suggest an Auto-Configuration Wizard. **Accept this prompt!** (If the prompt does not appear, select Tools from the top menu bar and then click Auto-Configuration Wizard).
3. Follow the wizard as shown on the images below

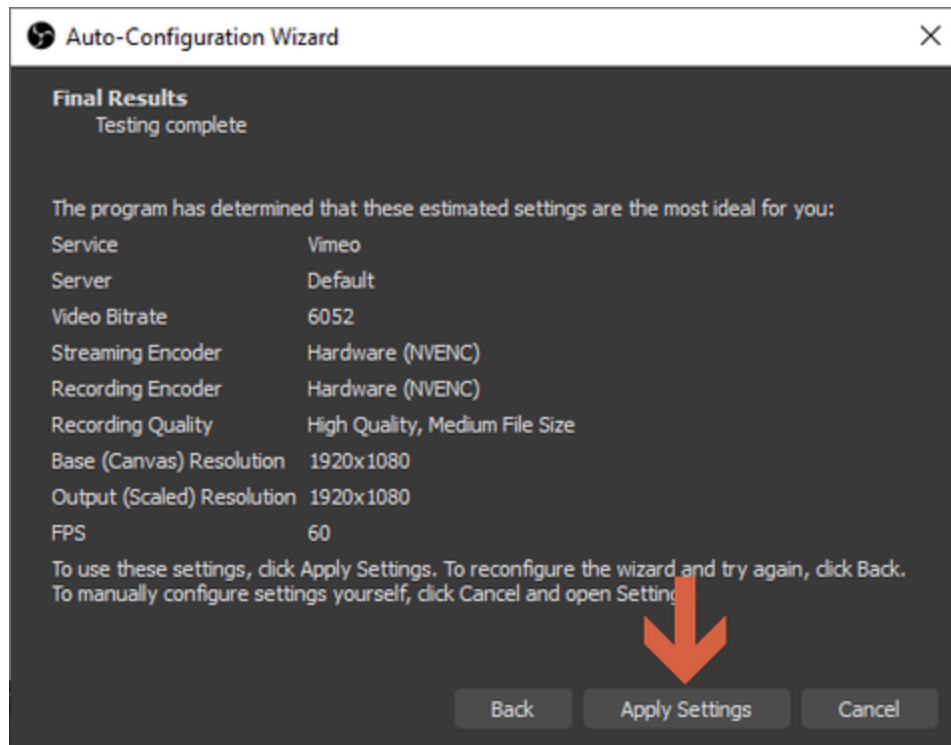




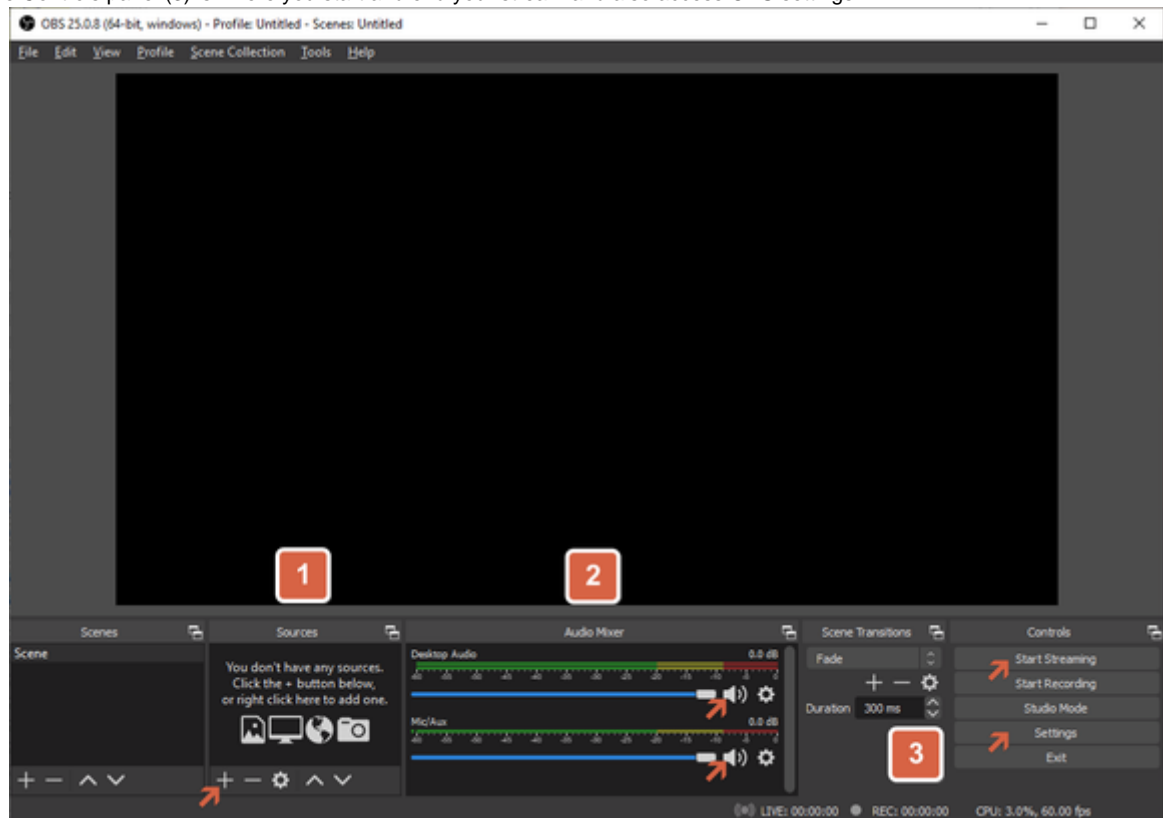


4. Upon reaching this step, insert your stream key into the field (3). When clicking "Next" (4), a prompt will appear to ask if you want to test your connection and to have your videos private on Vimeo. This setting is already in place, as long as you followed the steps earlier in the article for setting up a Vimeo live event.



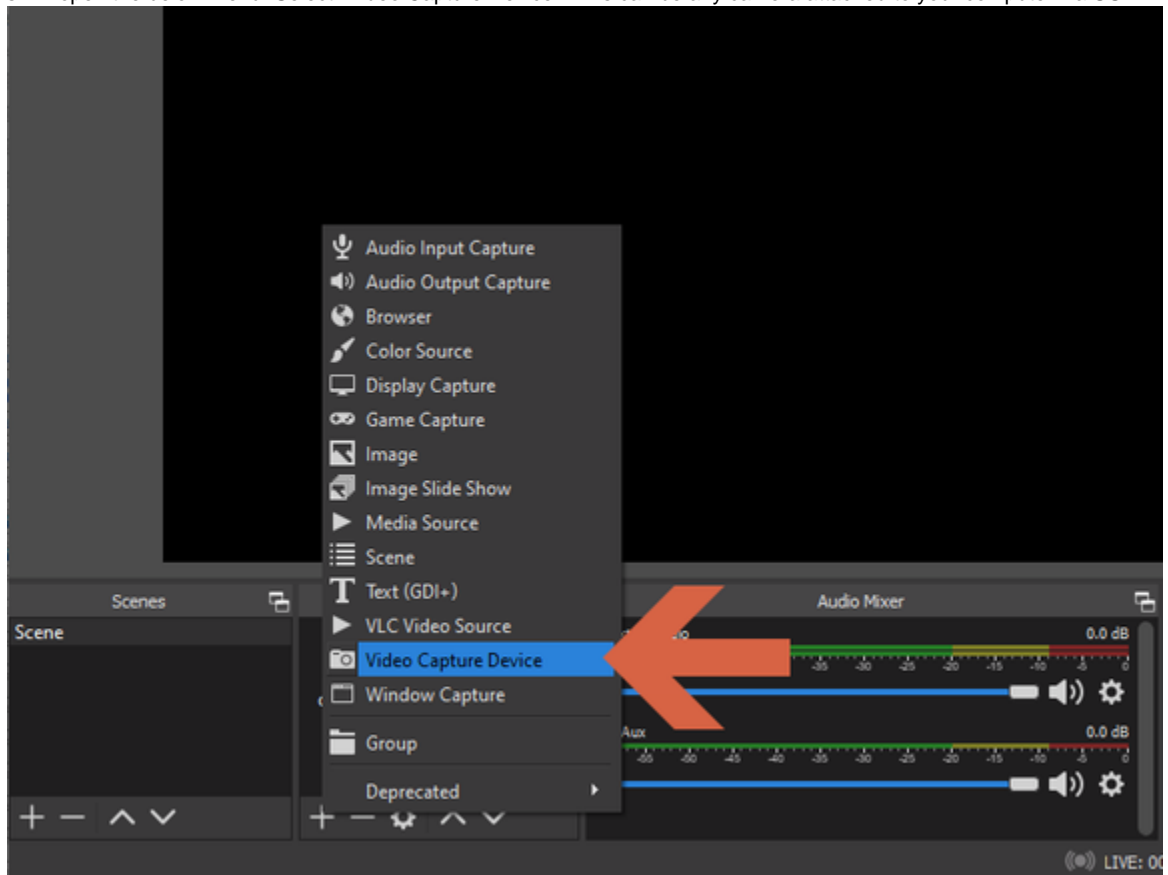


5. You've now done the base set up in OBS and is taken to the main view for OBS, for which an explanation follows below.
 - a. For the initial setup, the Sources panel (1) is where you add which media to display on the stream. A detailed explanation for that will come later.
 - b. The Audio Mixer panel (2) will display how the audio comes through on your stream, and you can manage the individual volume per channel, or mute it entirely.
 - c. The Controls panel (3) is where you start and end your stream and also access OBS settings.

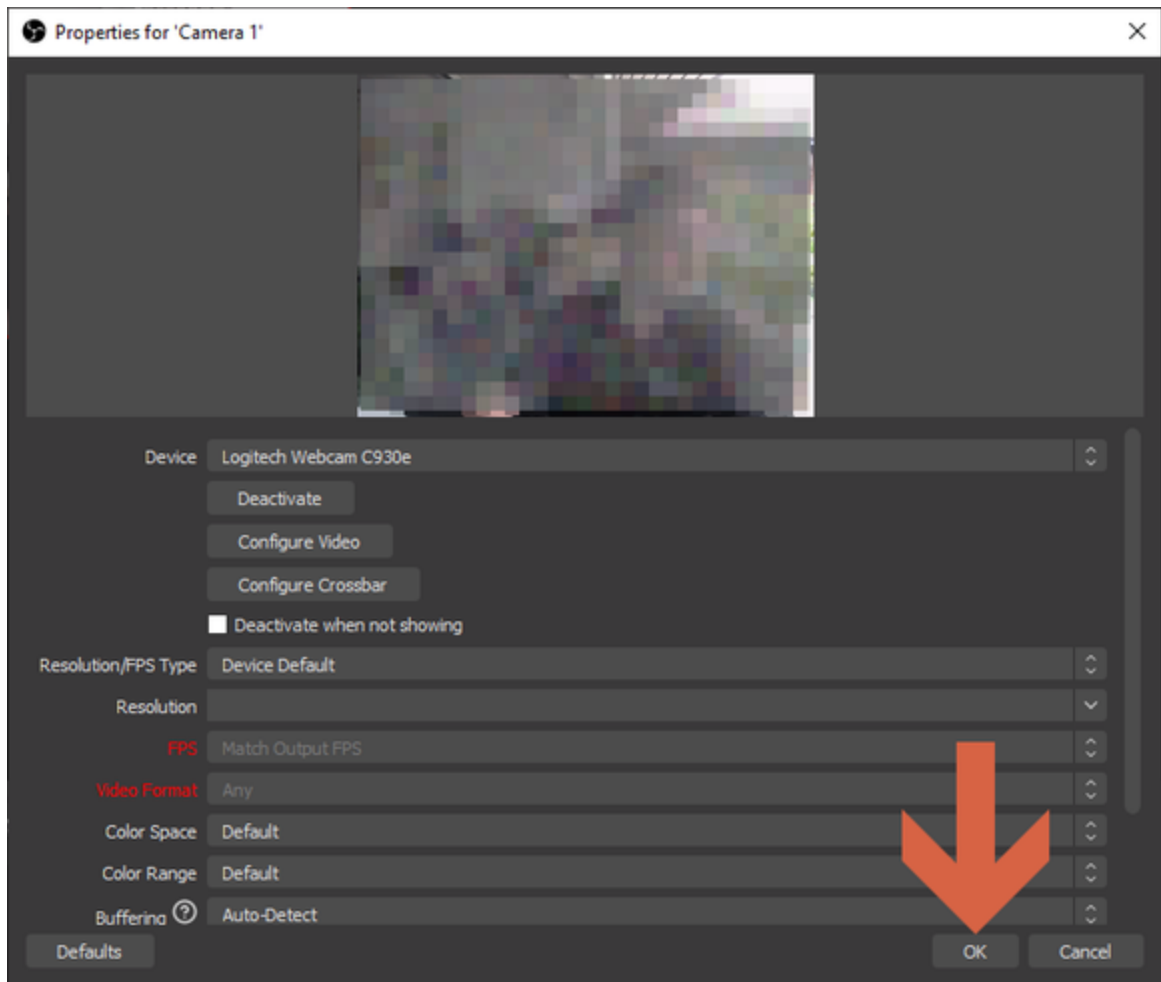


6. The next thing we need to do is add a source, which in our example will be a web-cam.
 - a. Start by going clicking the + symbol in the Sources panel (the red arrow in the section marked with 1 above).

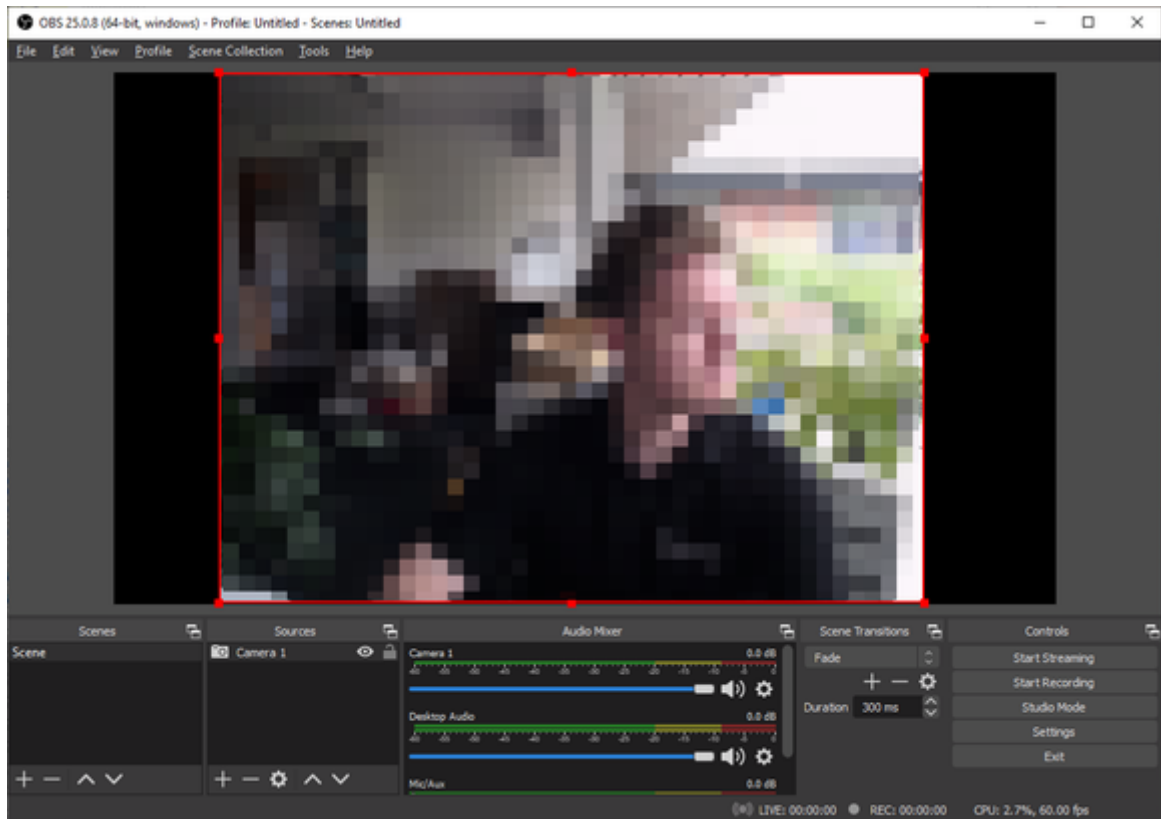
- b. This will open the below menu. Select "Video Capture Device". This can be any camera attached to your computer via USB.



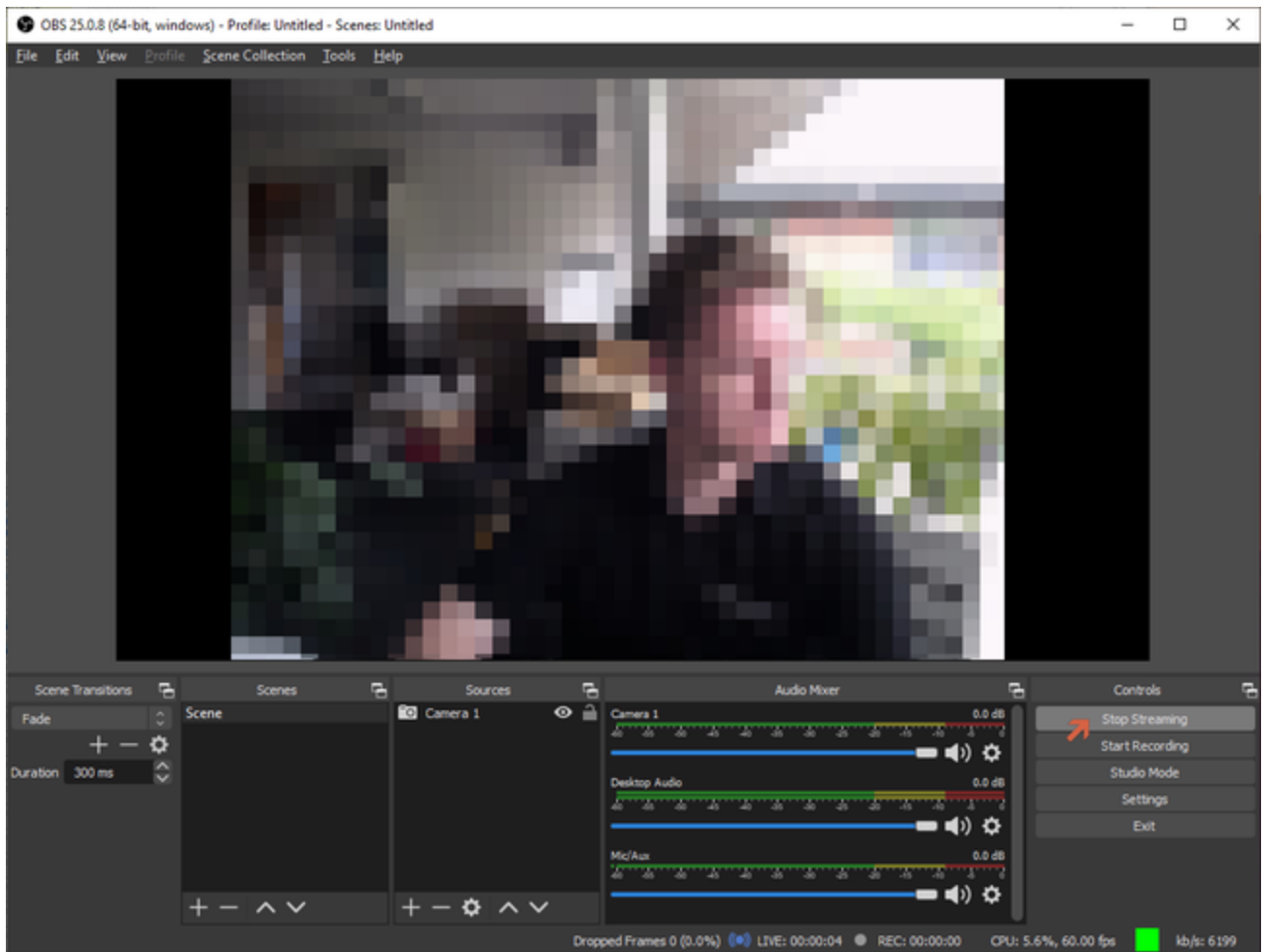
- c. You will then see a small dialogue box asking you to name the source. Select a name that makes sense for your setup. Then click "OK".
- d. Next, the below window appears with a range of settings available to tweak. Unless you specifically want to change anything here, ignore these settings and click OK.



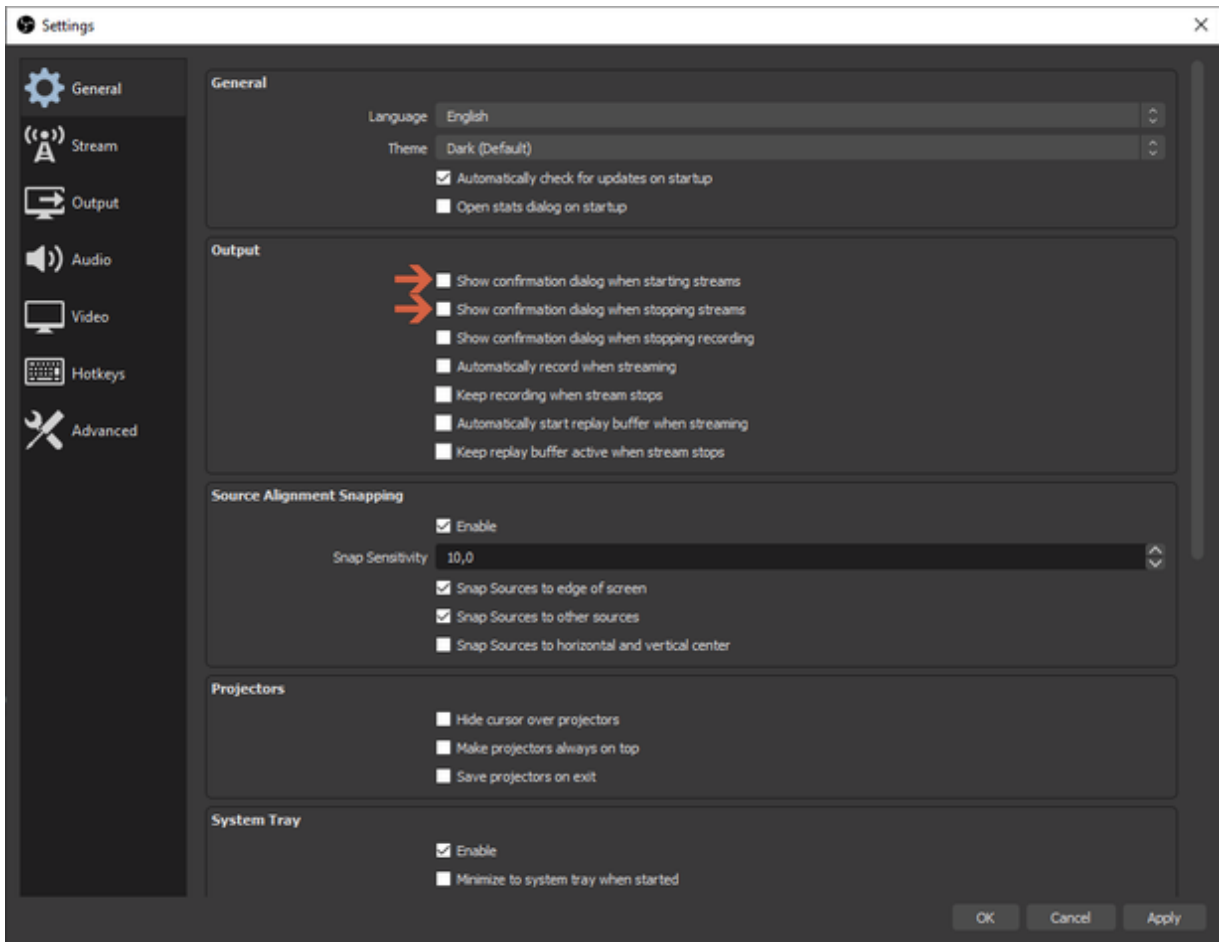
- e. The video source is now available in the main window, and you should see on screen, what the camera sees. Note that there is a red outline with resize grabs all around it. You can grab and adjust it to fit the screen. See the example below where I resized it and dragged it to the center of my view. With this in place, I am now ready to start my stream which will then show the view from my camera!



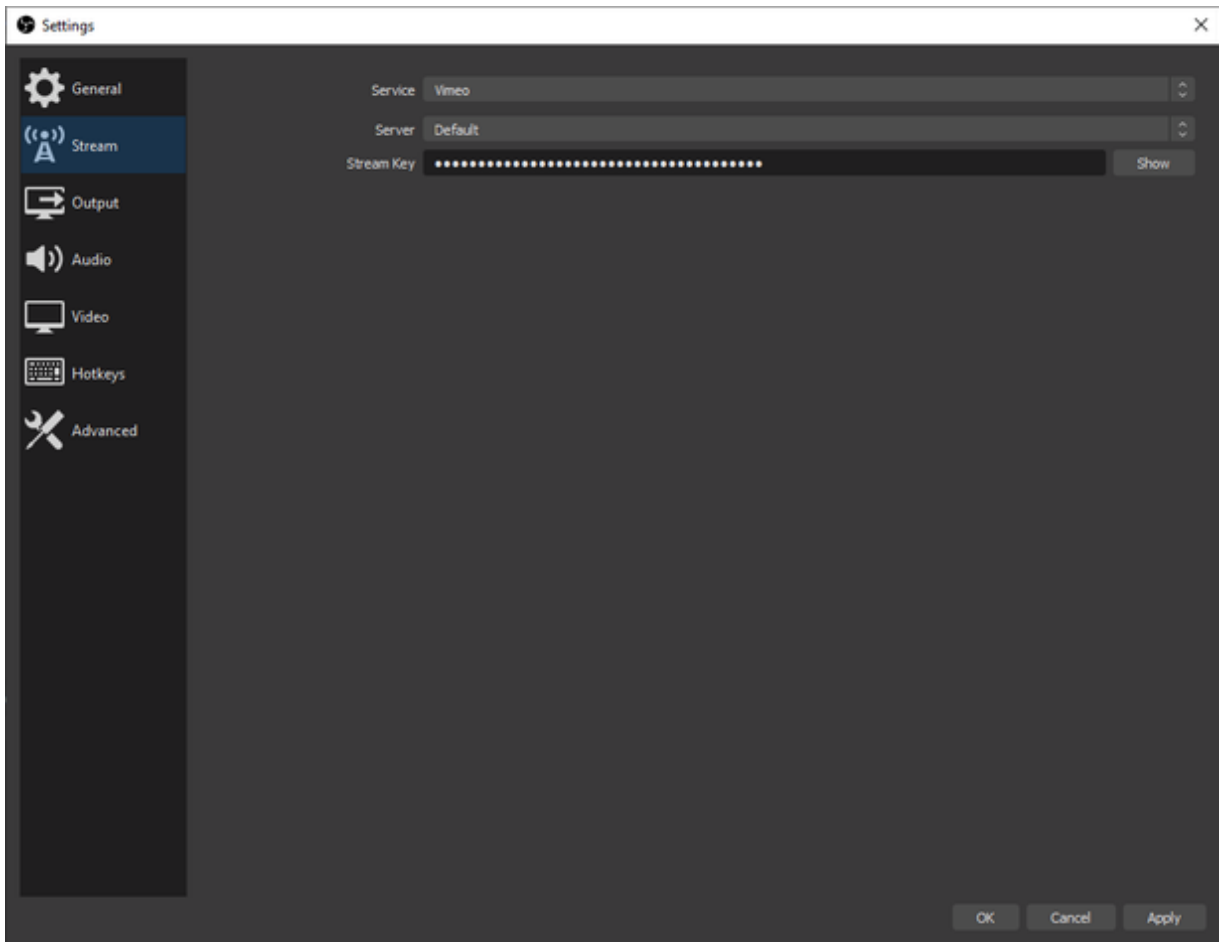
7. To start a stream, simply click the “Start Streaming” button in the Controls panel (highlighted with a red arrow in section 3 in point 5.c above). Once the stream has started, the button will change text to “Stop Streaming” as shown below. Furthermore, the very bottom part of the OBS window will contain information to indicate that the stream is Live, how good the quality is, how long the stream has been live and how much processing power is needed from your computer.



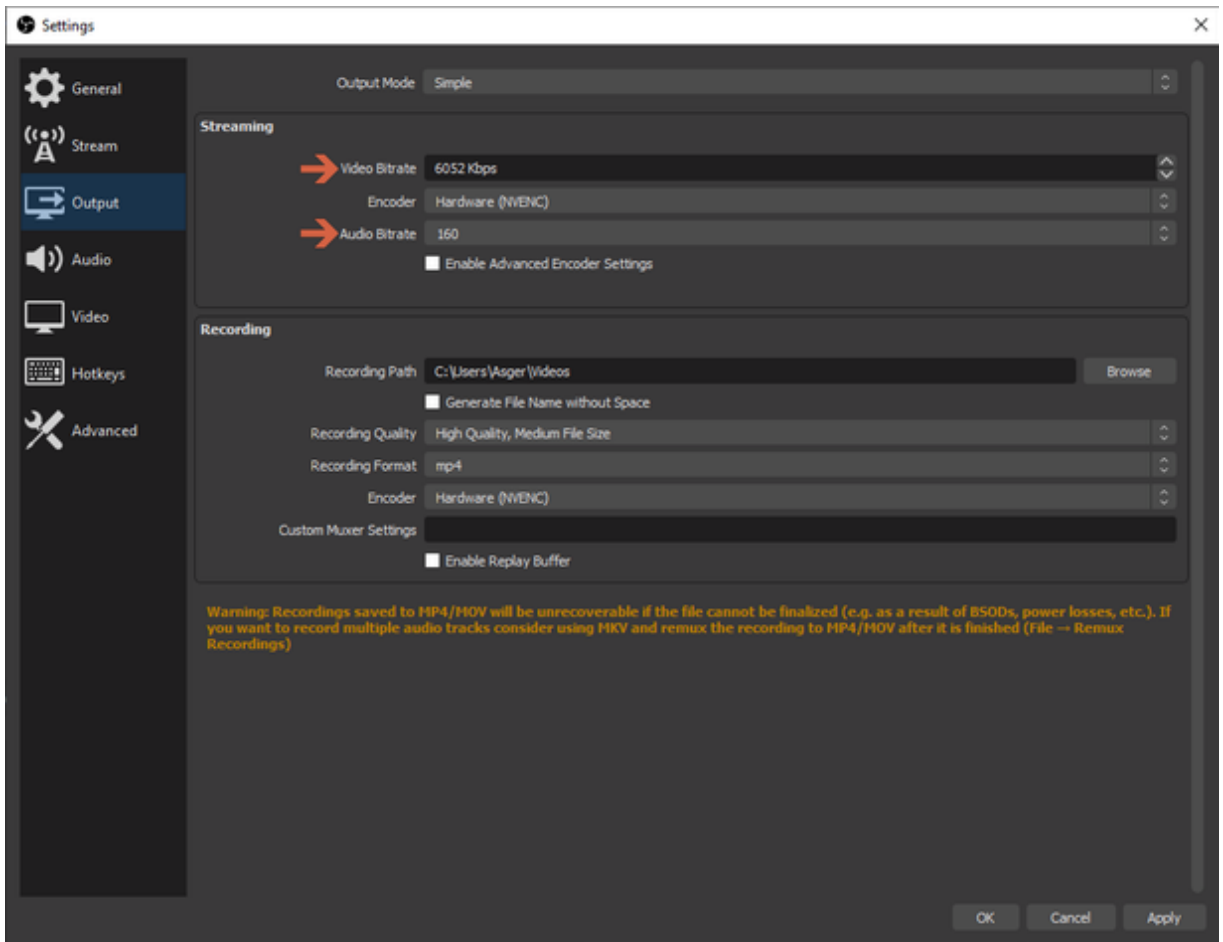
8. To access additional OBS settings, click the “Settings” button in the Controls panel (highlighted with a red arrow in section 3 in point 5.c above). Note that there is a lot of settings to adjust, but we will only be looking at a few as an example.
 - a. When first accessing the Settings menu, you’re taken to the “General” tab. Two highlighted options in here are functionality to display confirmation dialogues when starting and stopping a stream. This might be useful for beginners.



- b. Next, going to the "Stream" tabs simply displays your connection to the Vimeo service. Should you ever need to change your stream key, it can be done from here.



- c. Finally, in this example, going to the “Output” tab allows you to adjust settings for the stream quality. Highlighted is the “Video Bitrate” which you can increase if the stream quality isn’t too good (and if your internet connection allows for it), or you can lower it if you experience glitches during the stream. We recommend having the video bitrate between 2500 and 6000.
- d. Additionally, you can also adjust the Audio Bitrate. As with Video Bitrate, the audio bitrate dictates the quality of the audio on the stream. It can be increased if the audio is perceived to be poor or lowered if the audio on the stream is lagging. We recommend an audio bitrate between 128 and 256.



e. To exit out of settings, click Apply (if you've made changes) and then click OK. You're now back to the main view.

This concludes our basic setup of OBS Studio for Windows and Mac. As mentioned earlier, please refer to the OBS documentation for a full explanation of all features.

Explanatory videos

Below are videos to explain the main sections of this article:

Setting up a Vimeo Live event

Setting up a stream using the Streamlabs app

Setting up a stream using OBS Studio for Windows and Mac

[vimeo_live_event_setup_2_simple_cut_v2.mp4](#)

[vimeo_streamlabs_setup_cut_2.mp4](#)

[vimeo_obs_setup_cut.mp4](#)

Related articles

- Vimeo; setup and broadcast to a live event
- Adestra; new client workspace, core table, lists, and URLs
- Stripe; setup and manage an account: Product, pricing plan and coupons
- Channels; create and edit provider channels

- Localytics; create and manage audiences