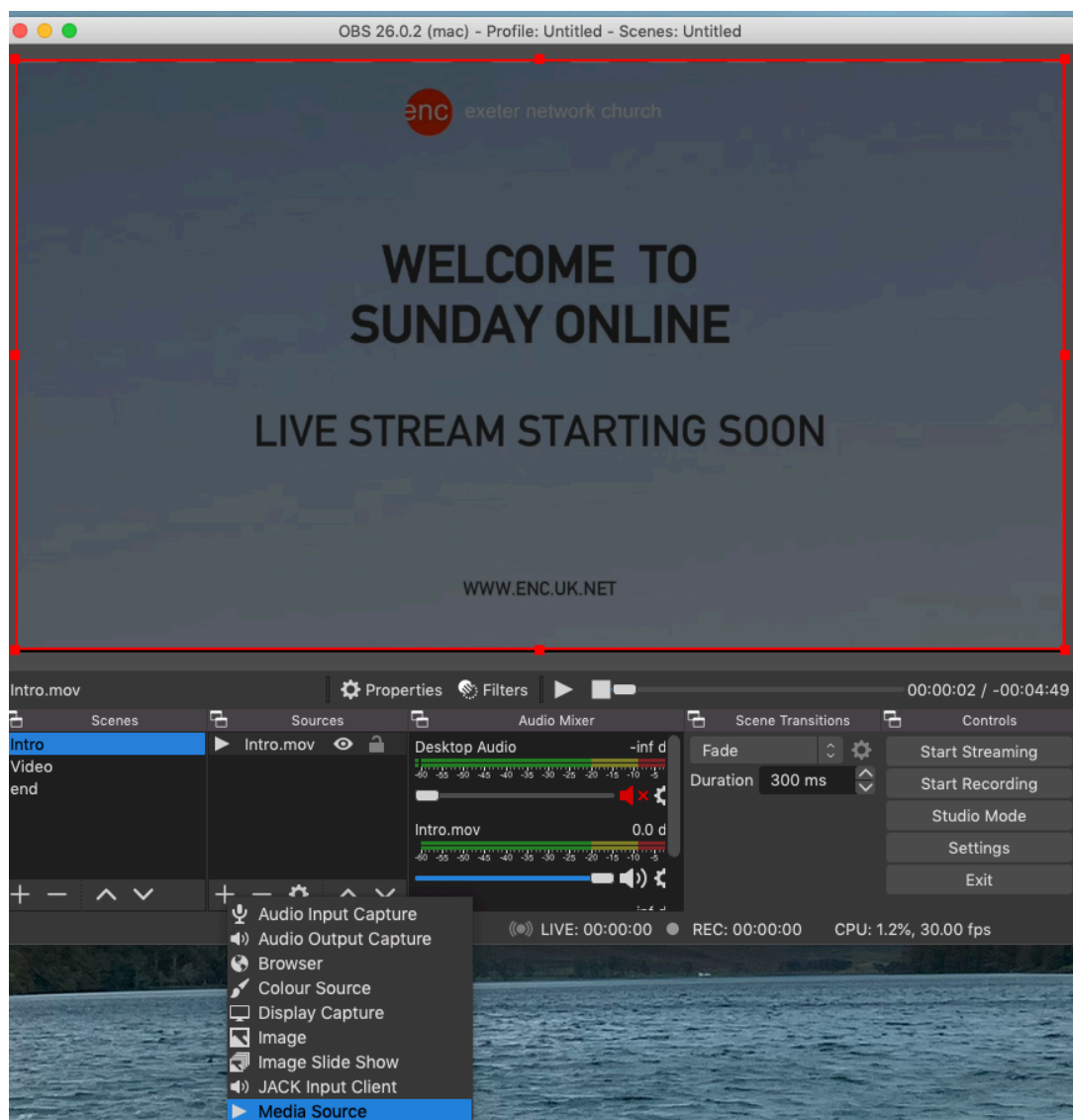


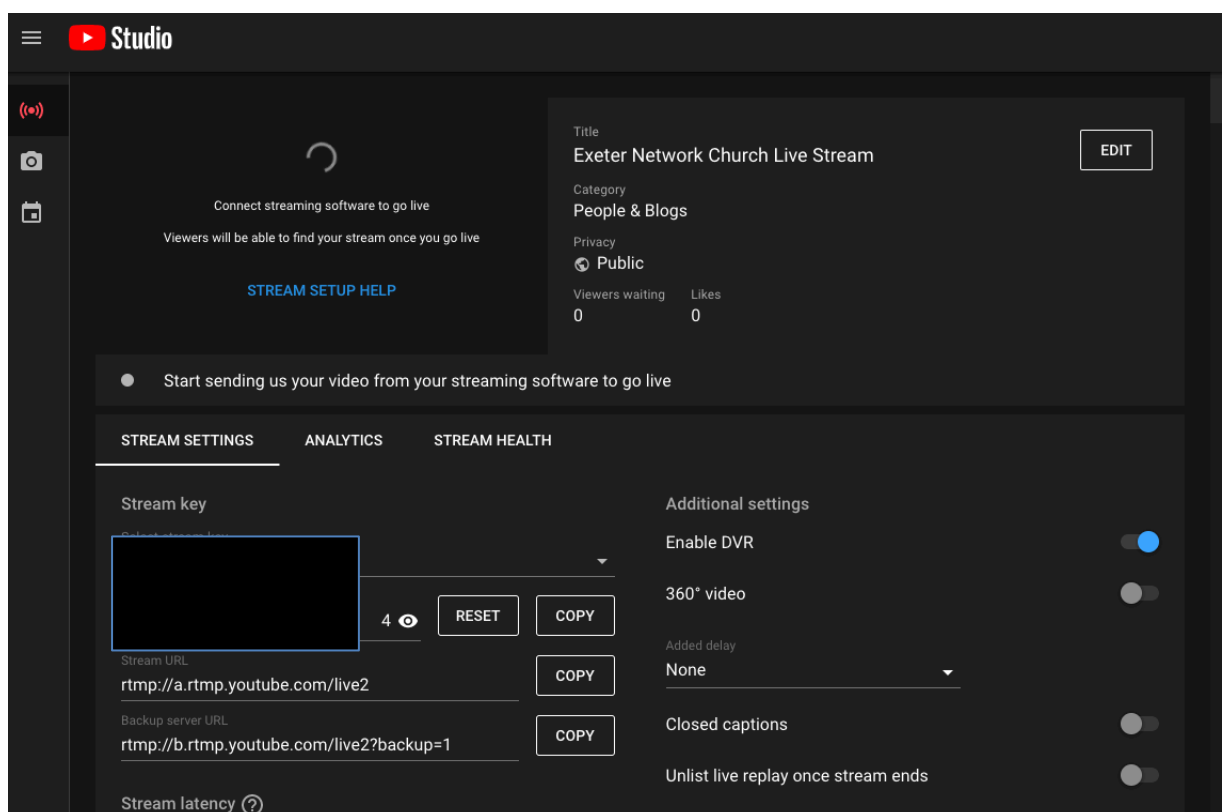
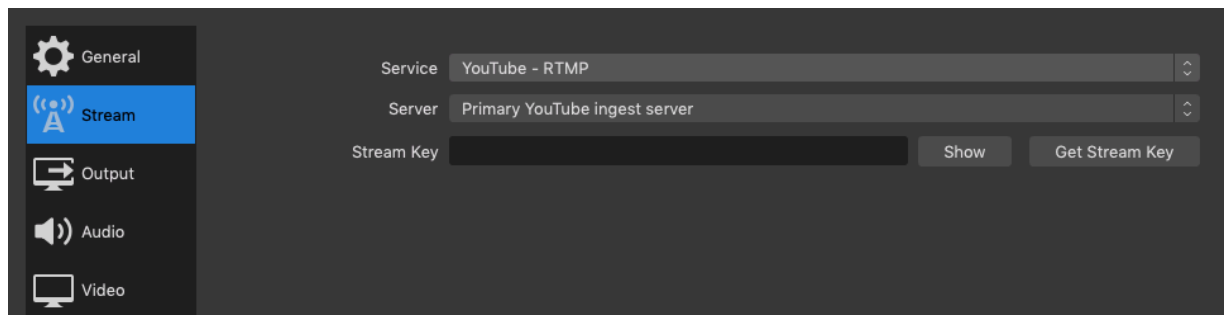


LIVE STREAMING RECORDED VIDEO TO YOUTUBE STUDIO FROM OBS

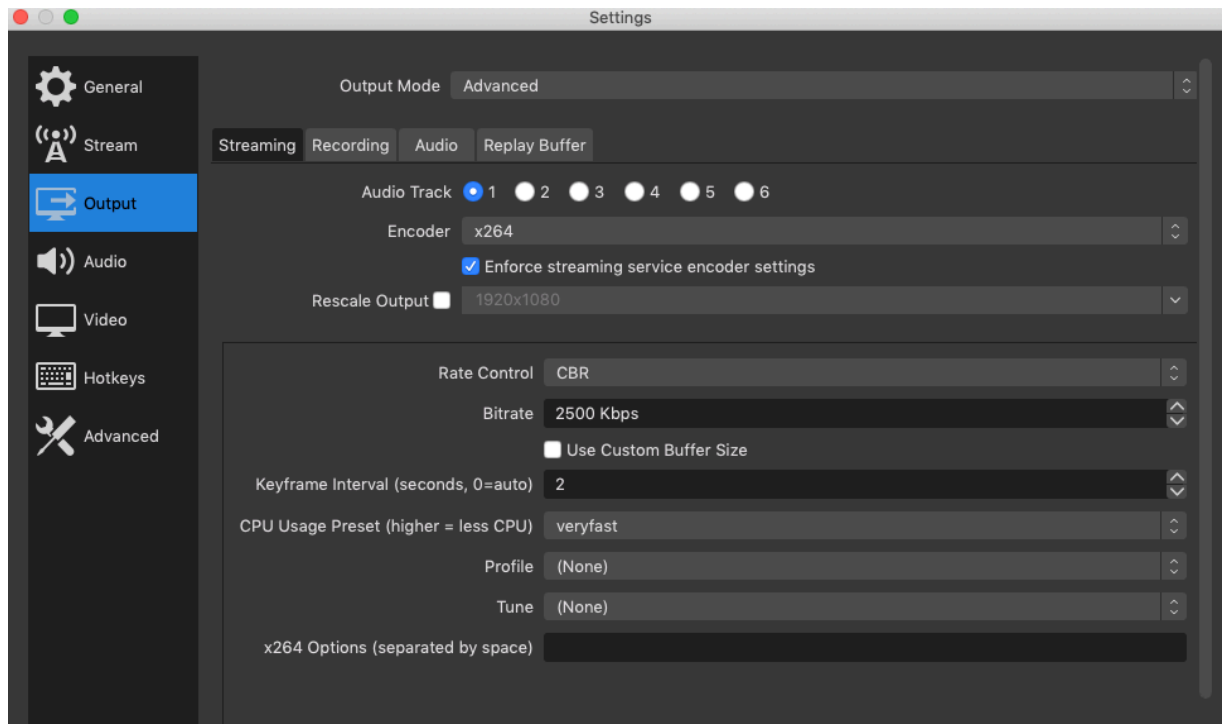
1. Download OBS
2. Download the video to your Mac from memory stick (don't run a video from a memory stick). Use wired internet to stream
3. Open OBS. OBS has 'Scenes' (bottom left). Think of these as the running order. In the one below I've got an Intro, then the main video, then an outro.
4. Click the '+' icon to add a scene and then name it. Then, with the scene you want selected, in the 'Sources' column, either click the '+' icon and then Media Source > select the video file - or simply drag the video file in to the middle column
5. In the 'Audio Mixer' make sure that your 'Desktop Audio' and (scrolling down), your 'Mic/Aux' are both muted. In the image below, the red volume icon with a cross on my 'Desktop Audio' shows it's muted. The 'Intro.mov' source is the only volume you want (or whatever the video file is called).



6. Go to the Settings of OBS and select 'Stream'. Every YouTube channel (or other destination) has its own unique stream 'key' which OBS needs in order to connect to that YouTube channel. To find this key, you need to go to the ENC YouTube Channel, then click the camera icon top right and 'Go Live'. On the YouTube page, under 'Stream Settings' you will see the stream key (click the 'eye' icon to see the password). Cut and paste this from YouTube into OBS Stream settings and save. Make sure that the 'Service' says YouTube - RTMP (or similar)



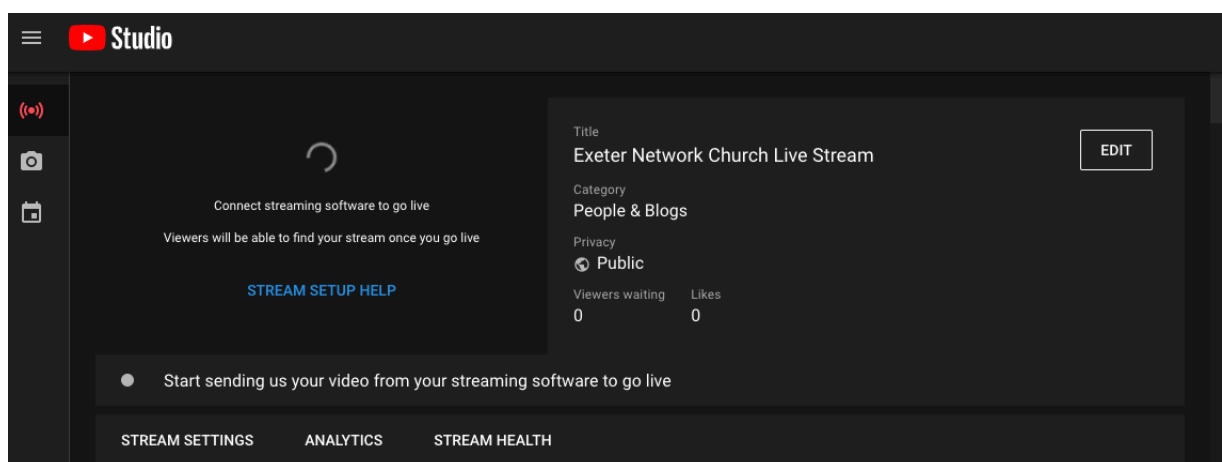
7. Next, again in OBS, go to the 'Output' > 'Streaming'. If you can't see the 'Streaming' option at the top of the page, click on 'Output Mode' at the very top and make sure 'Advanced' is selected. This is where we tell OBS what kind of video to output and match the settings to YouTube video output settings. Again, when we're done, we'll save this.



Make sure your OBS settings are the same as what you can see in the image above. Save and you're now set to stream from OBS.

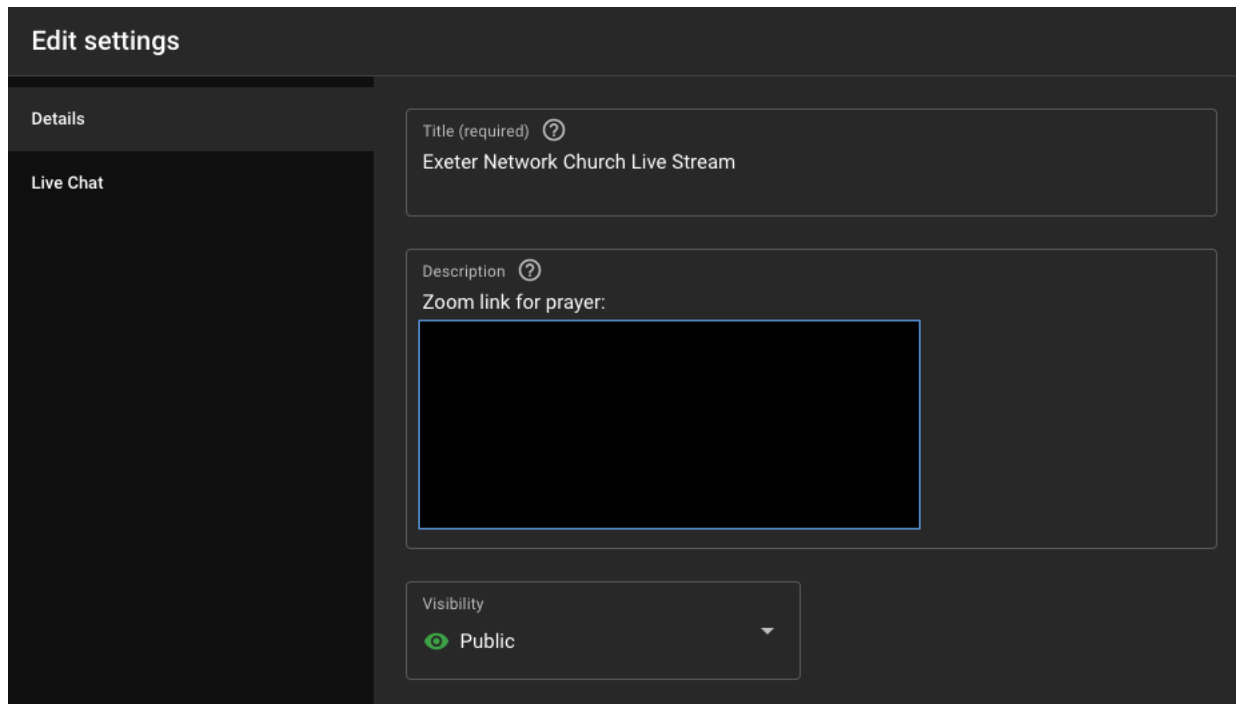
8. The final things to do are within YouTube Studio. When live streaming you will need the YouTube streaming page open.
9. On the YouTube streaming page, click on 'Edit' and make sure that you enter the description / heading you want and make sure the streaming is set to public. If you want to test the stream select unlisted and then stream from OBS.

(You'll then find the video in YouTube Studio under Content > Live).



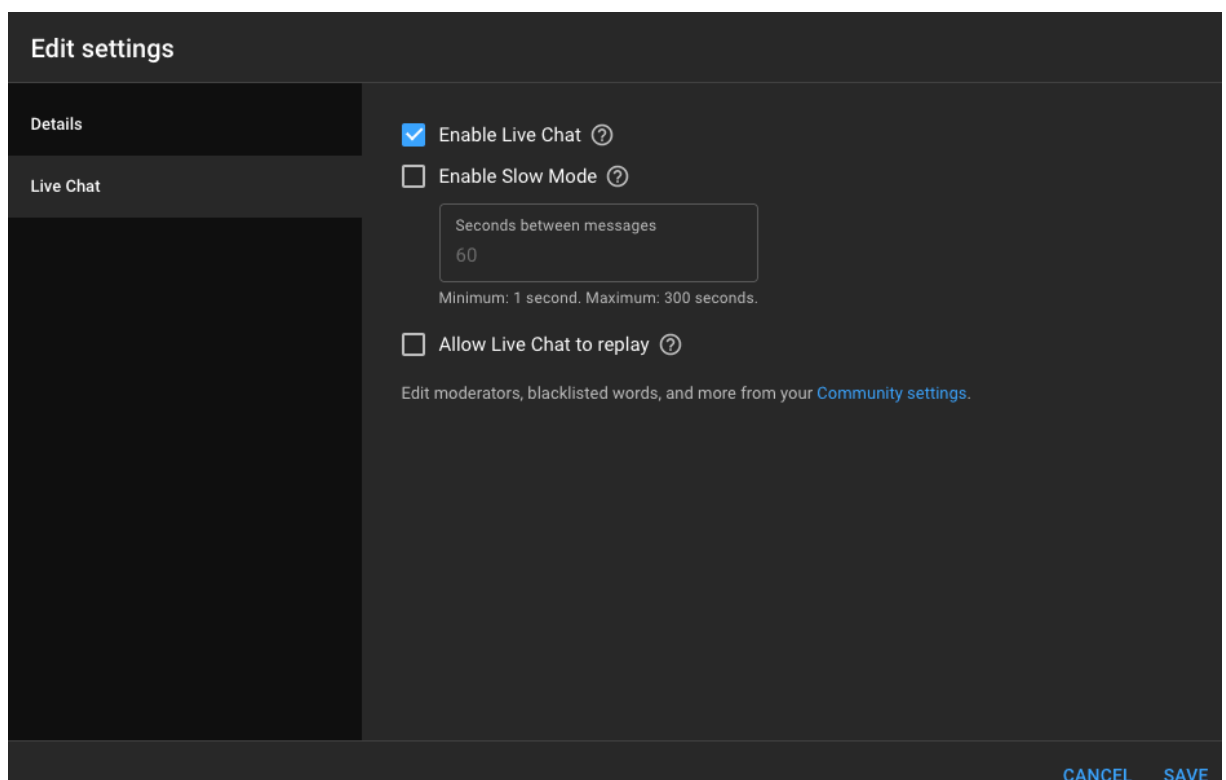
If at any time you want to keep an eye on the internet signal / strength (I usually do), click on the 'Stream Health' tab once streaming.

Here is how I had the ENC stream set up on YouTube (after clicking 'Edit' at the top of the live streaming page)



The screenshot shows the 'Edit settings' interface for a YouTube live stream. On the left, there is a sidebar with two tabs: 'Details' (selected) and 'Live Chat'. The main content area is divided into three sections. The first section, 'Title (required)', contains the text 'Exeter Network Church Live Stream'. The second section, 'Description', contains the text 'Zoom link for prayer:' followed by a large, empty rectangular box. The third section, 'Visibility', shows a dropdown menu with 'Public' selected, indicated by a green eye icon.

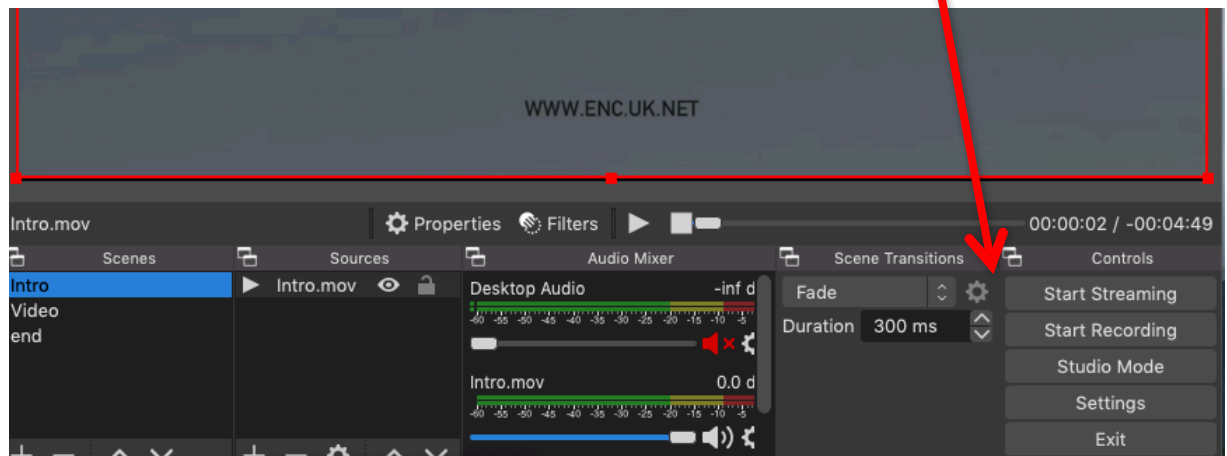
You will also need to make sure that you click on the 'Live Chat' tab and 'Enable Live Chat'. I also untick the 'Allow Live Chat Replay' but up to you! Save all of this and YouTube is ready to receive the stream from OBS.



The screenshot shows the 'Edit settings' interface for a YouTube live stream, specifically the 'Live Chat' tab. The sidebar on the left has 'Details' and 'Live Chat' tabs, with 'Live Chat' selected. The main content area contains three settings: 'Enable Live Chat' (checked with a blue checkmark), 'Enable Slow Mode' (unchecked), and 'Allow Live Chat to replay' (unchecked). Below 'Enable Slow Mode' is a text input field labeled 'Seconds between messages' with the value '60' and a note 'Minimum: 1 second. Maximum: 300 seconds.' Below 'Allow Live Chat to replay' is a link to 'Community settings'. At the bottom right, there are 'CANCEL' and 'SAVE' buttons.

10. The final thing is to now go back to OBS and you're ready to stream. You need OBS and YouTube Studio open together next to each other to keep an eye on things!

To start streaming, go to OBS and in the bottom right click 'Start Streaming', then click the Scene menu you want and the video will automatically play.



When a video is playing, you can click on the 'Sources' menu at the bottom and it will show the timing of the video. You can also see the audio output. Then to end simply click 'Stop Streaming' (which will appear where 'Start Streaming' is) and then in YouTube Studio also click 'End Stream' and you're done!

