

Orlando Grace Church
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If anyone is trying to figure out livestream with countdown, music, and lyrics sent to both YT and FB simultaneously with a pre-recorded service here is a full workflow:

1. Route HD audio from the sound board into the DSLR, which is also capturing HD video
2. Film worship and sermon on the camera
3. Import the footage and convert to MP4 via HandBrake (free)
4. Edit lyric slides, Bible references and transitions from singing to prelude into the video (any editing program will work, I used Da Vinci Resolve because it's powerful and free) You can also use OBS (also free) with a real-time window capture to Proclaim or ProPresenter and record an overlay of the lyrics on top of the pre-recorded worship in real time.
5. I used the image-editing software Gimp (free) to create the "intro card" that said "the stream will begin shortly, say hi in the chat," etc.
6. I downloaded a free countdown timer from the open source website churchmediadrop.com. Tons of great stuff on there.
7. I used Restream (\$20/month) to cast the stream to Facebook and YouTube simultaneously (Restream automatically integrates with OBS) Restream also allowed me to manage the chat on both Facebook and YouTube in real time.
8. To embed the livestream video on our website, I created a page called /live and posted this code snippet in there

```
<div style="text-align: center;"><iframe  
src="https://www.youtube.com/embed/live_stream?channel=UCHXI80yws0MhXlwJAdybYWQ"  
width="560" height="315" frameborder="0" allowfullscreen=""></iframe></div>
```

 (the channel=xxxxxxx is your Channel ID. You can find that by clicking on your YouTube channel and copying the string from your browser's address bar)
9. We promoted the stream by referring folks to this /live page, promoting our channel, and our Facebook page via a MailChimp (free) email. One email went out an hour before the stream went live, another went out as the stream went live (this is standard practice for most webinars).
10. Configuring OBS: In OBS I created three scenes - "Intro," "Countdown," and "Video." At 10:15 (15 minutes before our "go live" time), I started the stream in OBS with the "intro" scene selected. This showed the "welcome to the stream" title card for an indefinite amount of time. At 10:25, I switched to the "countdown" scene, which played the countdown video. At 10:30, I

switched to the "video" scene, which was a VLC media capture preloaded with the worship and sermon video. At the end of the stream, I clicked "Stop Streaming" in OBS