Worship Leading During Quarantine

MultiTracks.com

Worship Leading During the Quarantine

In light of the recent COVID-19 virus, churches around the world are re-imagining their services. More churches than ever before are now moving to streaming online, most being forced to do so from home. We know there is a pressure to create with a minimal to zero budget, so **we have put together a solution that requires spending $0.**

01

Make sure you have the right equipment.

1. **Computer.** This will require a computer with a webcam and processing power to run live-stream software and lyrics software simultaneously.

If your computer does not have a built-in camera, you can either purchase an affordable webcam to plug into your computer, or download the Camera for OBS Studio iOS app and transform your iPhone into a live stream camera.

2. **iOS device running Playback**. Use an iPhone or iPad to download Playback for free, and load tracks or ambient pads to supplement your live-stream sound.

02

Download the free software you need.

1. **Open Broadcaster Studio (OBS).** OBS is a *free* live-stream software available for Mac or Windows computers. It's a powerful platform that allows for multiple video and audio sources to be pieced together into one seamless video recording. - www.obsproject.com

2. **ProPresenter 7.** ProPresenter 7 is the premiere lyrics projection software and is available as a 14 day free trial. - www.renewedvision.com/propresenter

3. **midiStroke** (optional). In order to experience in-depth control of OBS with Playback, you can install a *free* application called midiStroke that converts MIDI notes from Playback to control things like video switching, audio muting and unmuting, and more. The midiStroke application is included in the download folder with this PDF.

03

Unlock MIDI Out in Playback with a MultiTracks Cloud free trial.

1. **MultiTracks Cloud Pro.** MultiTracks Cloud gives you the power to control lyrics with Playback, using MIDI Out. Sign up for free today and try it during this month of live streams.

How To Set Up Your Live Stream

01

Connect Playback to your computer.
Let's get Playback audio and MIDI routed directly into your computer, using just your iOS device and USB charging cable.

Connecting Playback: Connect your iOS device running Playback into your OBS computer using the lightning charge USB cable that comes with all iOS devices. Open the application Audio MIDI Setup -> Audio Devices. At the bottom of the left column you will see your iOS device as a potential audio device: press Enable. Playback will now show "USB IDAM Out" as the audio device, which means Playback will send 2 audio outputs directly into your computer.

Preparing Playback Settings: In your Playback settings, enable Auto-Pan. Then head over to the MIDI tab and choose "USB IDAM Host" as your MIDI Port for Lyrics (in order to send MIDI Cues to ProPresenter) and for Aux 1 (if you're going to control OBS functions with Playback as well).

02

Get ProPresenter connected.
We want to get lyrics from your ProPresenter session overlaying the video stream in OBS, so that you can lead worship for your online congregation with the lyrics available for them to follow along. Follow the steps below to get the ProPresenter feed in OBS and the style template installed.

For information on how to set up MIDI Cues that match your ProPresenter lyrics for use in Playback, head to multitracks.com/midiout.

Install ProPresenter 7: If you have not installed ProPresenter 7, do so now using their 2 week free trial on https://renewedvision.com/propresenter/. Click "Download" on the linked page and follow the instructions to successfully install on your computer.

Import Format Template: If you have not already formatted your lyrics to be on lower thirds so they are underneath your webcam footage, go ahead and install the included template in your download folder. Simply double click on the OBS.protheme file in the downloaded folder to import this theme into ProPresenter. In order to implement the theme over your slides, highlight all slides and choose the OBS theme in the Theme tab in the top left of ProPresenter 7.

Send Lyrics to Syphon Output: Head to Preferences -> Screen Configuration. Add a new Audience screen, and choose New Syphon. Ensure that the resolution is correct, and your ProPresenter settings are ready to go.

How To Set Up Your Live Stream

Get ProPresenter connected, continued...

Connect Playback MIDI Out with ProPresenter: Head to Preferences -> Devices. Select the + button in the bottom left to add a new MIDI Device. In settings of your MIDI Device, check the name of your iOS device as a Source so that ProPresenter receives MIDI from Playback. Next, open MIDI Map in the lower right of the window, and make sure that the MIDI notes are set to "0 Auto-Fill" as the default. Hit Connect, and you're ready to jump over to OBS.

03

Set up OBS Studio.
OBS Studio is where everything comes together in order to live-stream, or record to for releasing later.

Install OBS: First, install OBS Studio. You will find the .dmg file inside the Free Streaming Content folder included in this download.

Match Video Settings: In Settings -> Video, make sure that your Base resolution is the same as ProPresenter so the resolutions match.

Scenes and Sources: Every scene in OBS is a different collection of sources that you can customize and arrange. Jump between scenes during a stream in order to show different camera angles, listen to different audio inputs, show the video of a Skype call with your pastor, etc. Sources are the video and audio inputs that you want to add to scenes, which would be Playback Audio, webcam video, a Skype call, etc. We need create the scenes we want to be able to quickly jump back and forth, and add every source that we would like included in those scenes.

Load the Profile Template: Included in the download folder with this PDF guide is the MultiTracks OBS Template. This template is directly from the webinar walking through this setup, and is helpful for getting started with scenes, including a Webcam scene, Sermon scene (to receive a Skype call), and more. In the OBS top bar: Go to Scene Collection -> Import. Navigate to the exported profile "MultiTracks OBS Profile", and load it. This will populate the scenes and sources to support connecting every source you need.

04

Connect your OBS sources.
The OBS profile template loads every scene and source you will use in your live stream - now we need to make sure that the inputs unique to your computer are linked to each of those sources.

How To Set Up Your Live Stream

Connect your OBS sources continued...

Playback to the Click and Tracks sources: we need to attach your iOS device as the audio source for the "C&G" and "Tracks" audio inputs in the OBS template. With any scene selected including PLAYBACK as a source, right-click on C&G and select Properties. Here, dropdown the Devices and select your iOS Device. Repeat this process for Tracks as well. Your Click & Guide audio track will be hearable through headphones connected to your computer, but not through the livestream audio feed for your online congregation.

ProPresenter to the Syphon source: Right click on the source option called Syphon Client and select Properties. Ensure that [ProPresenter] Output is selected as your source, and check the box that Allows Transparency.

FaceTime camera to WEB: Under the "FACETIME" scene, go to the properties of the Video Capture Device source and select FaceTime Camera in the devices dropdown.

Connect Alt Video source: Finally, if you are using a second video source or camera, select that in the Properties of the BlackMagic source in the LUMIX scene.

Skype call to SERMON Feed: In your Skype settings: Open Preferences -> Calling -> Advanced Calling, and toggle the Allow NDI usage to be ON. In OBS, the NDI source available in the SERMON scene can choose the Skype feed once a call is taking place.

Advanced MIDI Feature: **Use midiStroke to control OBS with Playback.**
You now have everything ready for a successful live-stream! However if you are interested in advanced control of OBS with MIDI Out in Playback, install midiStroke (included in this download folder) and follow instructions below on using it to translate MIDI Notes from Playback into commands to control functions in OBS.

Allocate Hotkeys to OBS commands: In Preferences -> Hotkeys, choose which buttons on a computer keyboard you would like to control certain actions in OBS. In the template, we have mapped numbers 1-5 to the 5 scenes created. This means that if you press numbers 1-5 on the keyboard, they will open the respective scenes.

Copy midiStroke preset to app folder: In order to use our midiStroke key template, we will need to copy the file in this downloads folder to a specific location in your computer.
Open Finder and go to Users -> *Your user* -> Library -> Application Support -> midiStroke.
In this folder, *replace the .cdcmidistroke* file with the file included in this download folder.
Now, midiStroke will translate MIDI Notes C-2, C#-2, D-2, D#-2, and E-2 incoming from Playback into keystrokes 1-5, which will change OBS scenes automatically.

05

FAQs and Resources

You now have a setup ready for livestreaming!

This guide was built as a companion for One Man Church webinar, available at the link below. For a step-by-step demonstration of this affordable live-stream setup, watch the webinar and let us know if you have any questions. Below are some more helpful tips and places to learn about things mentioned in this guide and webinar.

How do I add MIDI Cues to Playback to control ProPresenter and OBS?
Head to www.multitracks.com/midiout, where you will find in-detail tutorials on how MIDI Cues work, how to build them to correspond with your ProPresenter file, and more.

Can I use MultiTracks products in my live stream?
Yes! Together with our licensing partners we have agreed to offer our customers a temporary "Gratis License" to grant churches the ability to use any MultiTracks.com content they have purchased or rented for a live stream until further notice.

Will the social media sites I use to stream our services takedown our stream?
The algorithms detect whether a song is a master and are very detailed. It's looking for any part of the song that perfectly matches the recording. Our best recommendation is to remove a few stems and mix your tracks and live instruments so that it's not an exact match to the original.

Does my CCLI Streaming License cover MultiTracks in live streams?
No. The CCLI streaming license allows you to stream your worship services (audio and video), provided you are only streaming live music. The license does not cover the use of the original recordings from the artist.

Watch the webinar again.

Visit **www.multitracks.com/streaming** to re-watch the webinar as a resource for setting up your live stream.