

CHURCH BROADCAST SCHOOL

A Communication Ministry of the Michigan Conference of The United Methodist Church

EPISODE FIVE: Streaming Online Worship

Then will the lame leap like a deer, and the mute tongue shout for joy. Water will gush forth in the wilderness and streams in the desert.

Isiah 35:6 NIV

KEY IDEAS

- The easiest way to get online is just using a mounted cell phone or tablet.
- Facebook and YouTube allow you to stream live or schedule pre-recorded segments on their apps so that your ministry looks like it is going live.
- Google how to go live or schedule your video on the internet.
 - <https://www.facebook.com/help/587160588142067>
 - <https://www.youtube.com/howyoutubeworks/product-features/live/>
- Every streaming setup needs three key things; a camera, good audio, and a computer to share it with the world.
- Whether you are using a cell phone or a PTZ camera to stream, you will need a dedicated computer to stream from.
- You can use either a Mac or a PC.
- Make sure you have a solid internet connection dedicated just to live streaming.
- Video and audio require a lot of bandwidth, and if you're connected to the same system as the free open guest WIFI in your sanctuary, your system is going to have problems as soon as everyone gets online at the same time while you are broadcasting.
- Set up a standalone internet connection locked down for the pastor and church office during the week and then used to live stream on the weekends.
- Use an audio interface to connect your XLR outputs from the back of your soundboard and right into your computer for the live stream.
- An interface can create a unique mix for your live stream different from what you're going to be hearing from your PA system.
- The sound needs to be mixed differently for computer speakers or speakers on a mobile device versus what you hear in the sanctuary.
- If your camera or cameras are putting out a digital signal AND you have a video card in your computer, then you can plug them directly into your computer.
- But, if you don't have a video card or the camera signal is not flowing in, you may need another interface to get the signal in.
 - [Magewell XI100DUSB-HDMI USB Capture HDMI 3.0 HD Video Capture](#)
- There are a few ways of switching shots.
- One way is purchasing a physical, digital field switcher. You will need a switcher, some cables, and an extra video monitor to see what's happening.
- OBS stands for [Open Broadcast Software](#) a free switching online software.

CHURCH BROADCAST SCHOOL

A Communication Ministry of the Michigan Conference of The United Methodist Church

- In addition to being free and open-source software for video recording and live streaming, you can download it and start streaming on Windows, Mac, or Linux computers.
- The bad news is that there is a huge learning curve.
- For those without a lot of tech knowledge, we recommend you pay a little money to purchase plug-and-play software that will just work.
- For Mac users, we recommend using [E-cam live](#).
- If you are a PC user, then we suggest a product called [vMix](#).
- Simply follow the support videos or instructions that come with your streaming software.