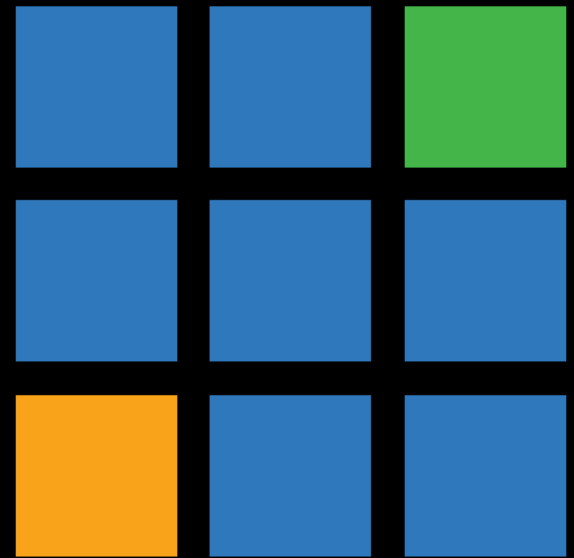




vMix

How to stream using vMix Software

REVISED 7/21/2021

Download vMix



vMix Software is paid software that will allow you to stream.
vMix does offer a free 60 day trial

As of 7/21/2021 the latest version is 24.0.0.63
Download the latest version. www.vmixhd.com



Get your credentials

The screenshot displays the Sermon Studio Dashboard interface. On the left is a dark sidebar with the 'sermon.net' logo at the top and a menu containing: Home (with a house icon), Episode Manager (with a list icon), Delivery Manager (with a camera icon), Studio Settings (with a gear icon), My Account (with a person icon), and Stats (with a bar chart icon). The main content area has a top navigation bar with 'sermon.net', 'Go to Simple Mode' (with a triangle icon), and 'Support' (with a speech bubble icon). Below this, the 'Home' section includes a 'Select Language' dropdown and 'Powered by Google Translate'. The 'Sermon Studio Dashboard' title is followed by a form for 'New Episode name' with a text input field and a 'Create New Episode' button. The 'Live Stream Shortcuts' section contains four tiles: 'RTMP' (with an 'RTMP' label and 'RTMP Credentials' text), 'Simulcasting' (with Facebook and YouTube icons), 'Stream from Browser' (with a network icon), and 'Live Recordings' (with a video camera icon). The 'Quick Links' section at the bottom features six tiles: 'Episode Archive' (download icon), 'Media Centers' (screen with plus icon), 'Playlist / RSS' (list icon), 'Stats' (bar chart icon), 'App Manager' (gear and phone icon), and 'Media Bank' (folder with star icon). An orange arrow points from the bottom of the screen to the 'RTMP Credentials' tile.

Login to your www.sermon.net account >RTMP Credentials

Get your credentials

The screenshot shows the Sermon.net web interface. On the left is a dark sidebar with navigation links: Home, Episode Manager, Add New Episode, Episode Archive, Media Bank, Stream from Browser, Master Live Episode, Delivery Manager, Studio Settings, My Account, and Stats. The main content area has a top navigation bar with 'Go to Simple Mode' and 'Support' links. Below this is a breadcrumb trail: Home >> Episodes Archive >> Episode >> Live Broadcast. A language selector is in the top right. The 'Live Stream' section includes a 'Master Live Episode' button and a 'View in Media Center' link. Below this are checkboxes for 'Show in Player' and 'Podcast', and social media icons. The 'Live Broadcast' tab is active, showing 'RTMP STREAM CREDENTIALS'. It asks 'What live encoding software are you using?' with a dropdown set to '2 lines (OBS, vMix, ATEM, ...)'. The 'Server url' is 'rtmp://stream.sermon.net:80/live/' and the 'Stream key' is 'livefor20860780_tb1628_in1_vb1500_ab128_fps1920x1080:'. Both have 'Copy Link' buttons. The 'Email Stream Credentials to:' field contains 'youremail@sermon.net' with a 'Send' button. An orange arrow points from the 'Stream Credentials' tab in the left sidebar to the 'Stream key' field.

sermon.net

Home >> Episodes Archive >> Episode >> Live Broadcast

Select Language
Powered by Google Translate

Master Live Episode

View in Media Center: <https://pwoodtech.sermon.net/20860780>

View Link Copy Link

☒ Show in Player ☐ Podcast

Duplicate Episode

Upload Media

Live Broadcast Details Categories Media / Upload Player Modules Schedule Playlists

Stream Credentials

Restream / Simulcast

Stream from Browser

Live Recordings

RTMP STREAM CREDENTIALS

What live encoding software are you using? 2 lines (OBS, vMix, ATEM, ...)

Server url: rtmp://stream.sermon.net:80/live/ Copy Link

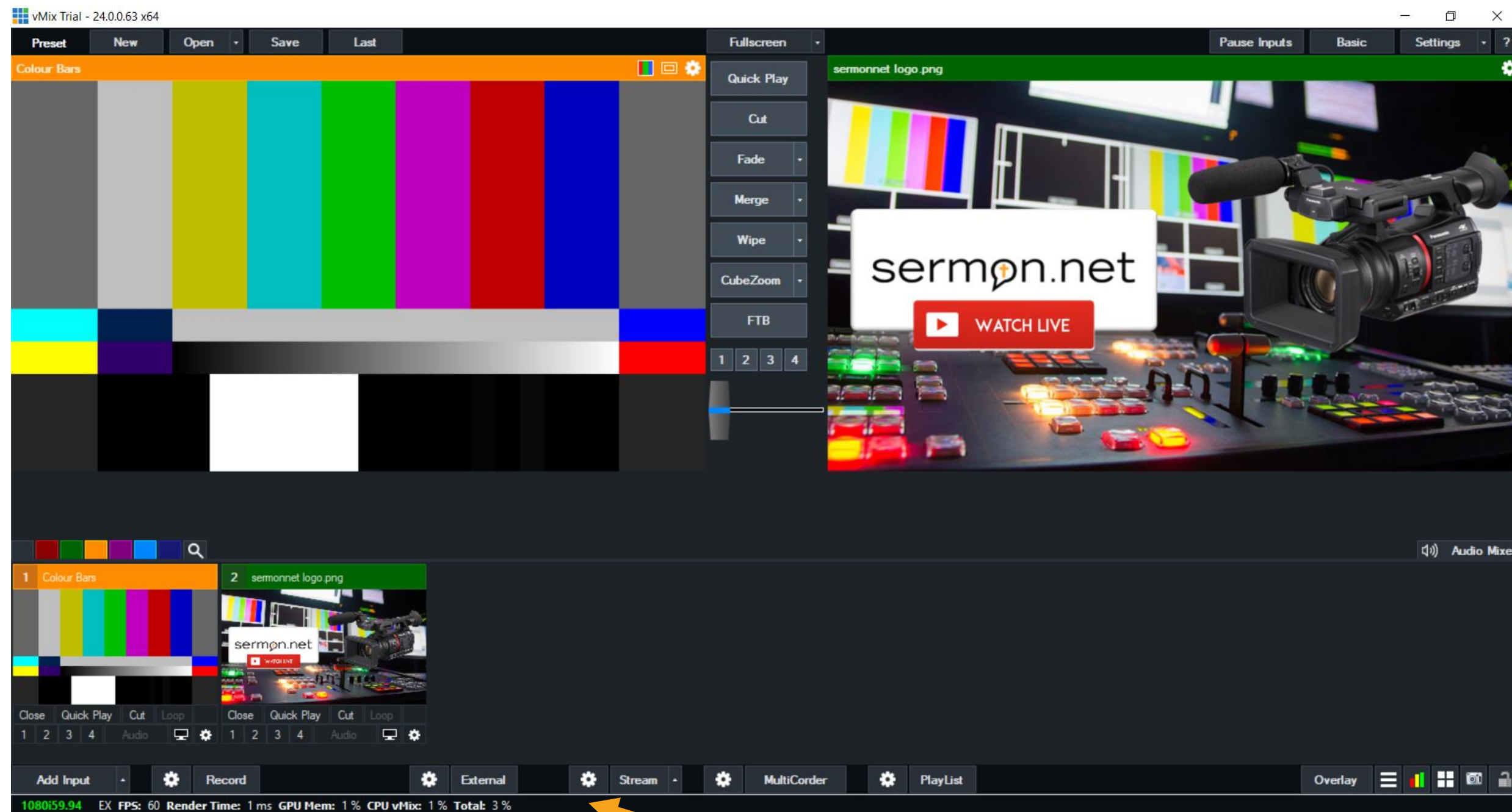
Stream key : livefor20860780_tb1628_in1_vb1500_ab128_fps1920x1080: Copy Link

Email Stream Credentials to: youremail@sermon.net Send

Click on stream credentials

Copy & Paste Stream credentials into vMix

Setup vMix



Paste Stream Credentials Into VMix – Open VMix > Click Gear Icon Next To Stream

Setup vMix



Streaming Settings

Profile: Default Add Delete

1 2 3

Destination: Custom RTMP Server

URL: rtmp://stream.sermon.net:80/live/1005675

Stream Name or Key: livefor20860734_tb1628_in1_vb1500_ab128_fps1920x1080?key=c1f8df6&rec=disk

Advanced

Quality: H264 720p 2.5mbps AAC 128kbps ⚙️

Application: FFmpeg

Start All Start 1 View Status Save and Close

Select Custom RTMP From Drop Down > Paste Server & Stream Key

Bitrate & Resolution

A screenshot of the "Streaming Settings" window in vMix. The window has a dark theme. At the top, there's a "Profile" dropdown set to "Default" with "Add" and "Delete" buttons. Below are three tabs labeled "1", "2", and "3", with "1" being active. The "Destination" dropdown is set to "Custom RTMP Server". The "URL" field contains "rtmp://stream.sermon.net:80/live/1005675". The "Stream Name or Key" field contains "livefor20860734_tb1628_in1_vb1500_ab128_fps1920x1080?key=c1f8dfc6&rec=disk". There's an "Advanced" button. The "Quality" dropdown is set to "H264 720p 2.5mbps AAC 128kbps" and has a gear icon to its right. The "Application" dropdown is set to "FFMPEG". At the bottom are buttons for "Start All", "Start 1", "View Status", and "Save and Close". An orange arrow points from the gear icon to the text box on the right.

Video bit rate will need to be set from anything ranging from 800kbs to 2500kbs

This is just a suggestion. Set to what you need.

Audio will need to be set from 64kbs to 128kbs
Click on the tab

Bitrate & Resolution



Encode size(resolution)
SD 640x480 4x3 square
SD 640x360 16x9 widescreen

HD 1280x720 16x9 widescreen
HD 1920x1080 16x9 widescreen

A screenshot of the "Streaming Quality" settings window in vMix. The window has a dark background with white text. At the top, there are three sections: "Video Bit Rates" with a dropdown set to "2500", "Encode Size" with "1280" and "720" fields separated by an "X", and "Audio Bit Rate" with a dropdown set to "128". Below these are sections for "Video" (Source: Output 1, Profile: Baseline, Level: 3.1, Preset: veryfast, Aspect Ratio / Crop: Original) and "Audio" (Format: AAC, Channels: Master). Further down are "Keyframe Frequency" (2 seconds), "Threads" (4), and "Network Buffer" (20 seconds). At the bottom, there are two checkboxes: "Strict CBR" and "Keyframe Aligned", both of which are checked. "Save" and "Cancel" buttons are at the very bottom right. Two orange arrows originate from the text box on the left: one points to the "Video Bit Rates" dropdown, and the other points to the "Strict CBR" checkbox.

Set Video Bitrate, Encode Size, Strict CBR, & Keyframe Aligned – Click Save

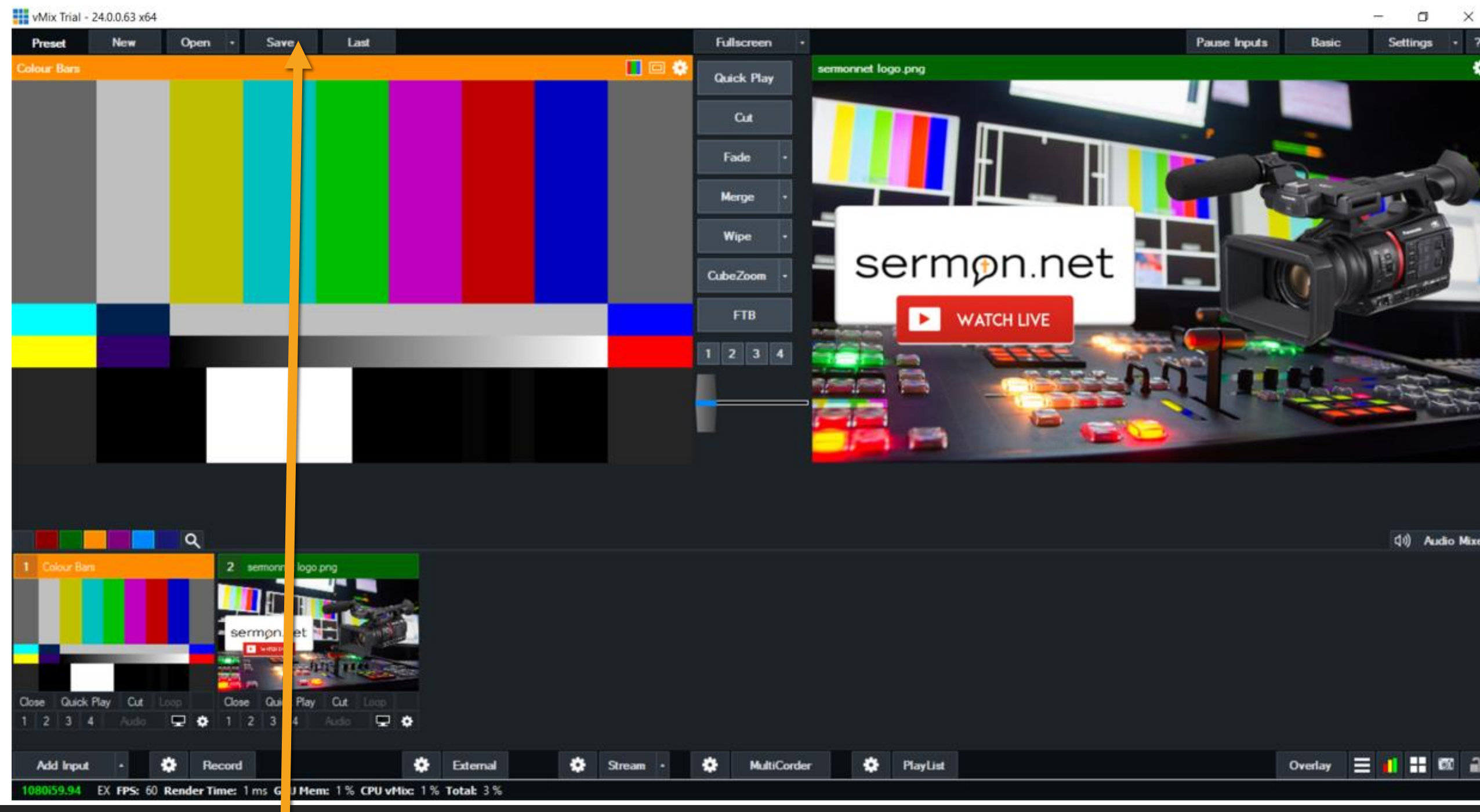


Add Your Input

The screenshot shows the vMix software interface. At the bottom left, there is a button labeled 'Add Input'. An orange arrow points from this button to the 'Input Select' menu, which is open. The menu lists various input types: Video, DVD, List, Camera, NVidia Desktop Capture, Stream / SRT, Instant Replay, Image Sequence / Stinger, Video Delay, Image, Photos, PowerPoint, Colour, Audio, Audio Input, Title / XAML, Virtual Set, Web Browser, and Video Call. Another orange arrow points from the 'Add Input' button to the 'Video' option in the menu. To the right of the menu, there is a 'Select the Video file to open.' dialog box with a 'Browse' button. At the bottom of the dialog box, there are checkboxes for 'Video contains Alpha Channel' and 'Video is Interlaced', and a 'Clear' button. At the bottom right of the dialog box, there is a 'Number' dropdown menu set to '3', and 'OK' and 'Cancel' buttons.

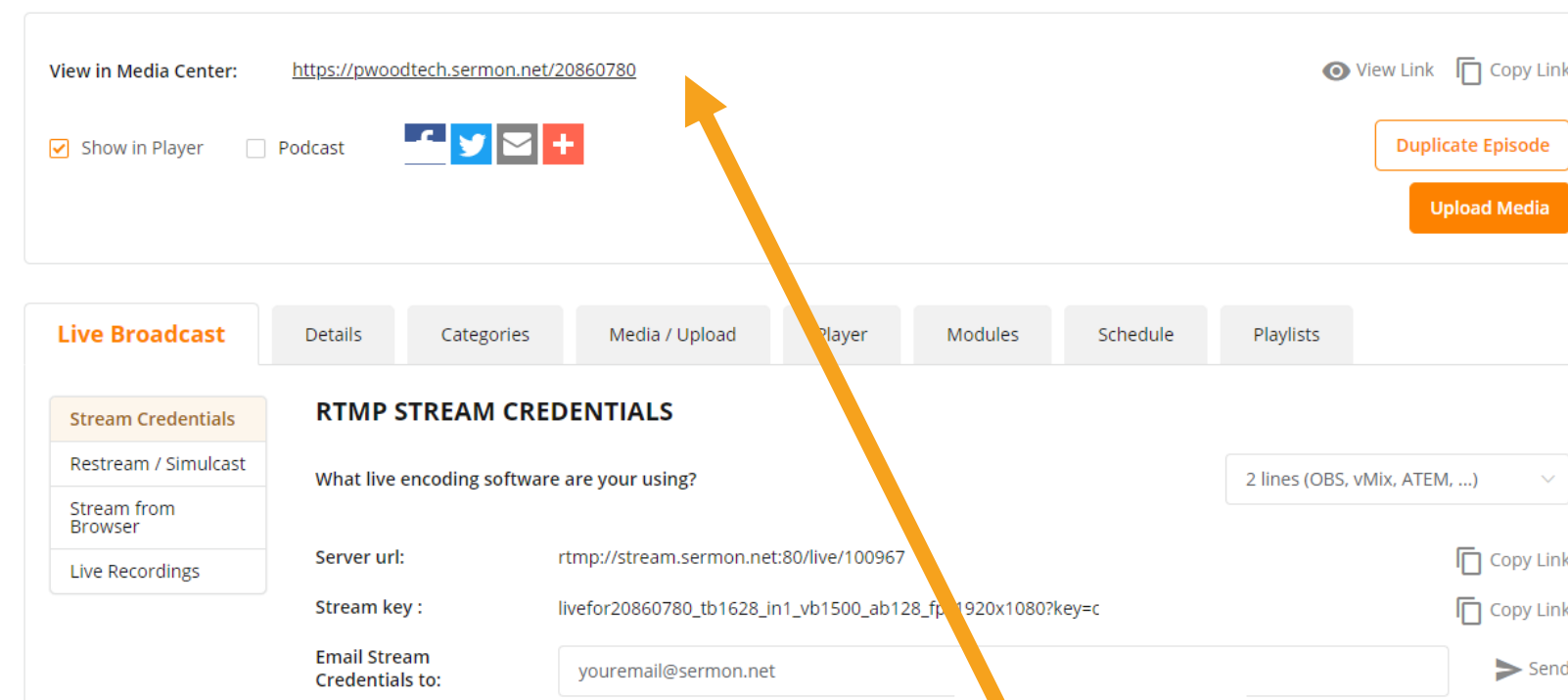
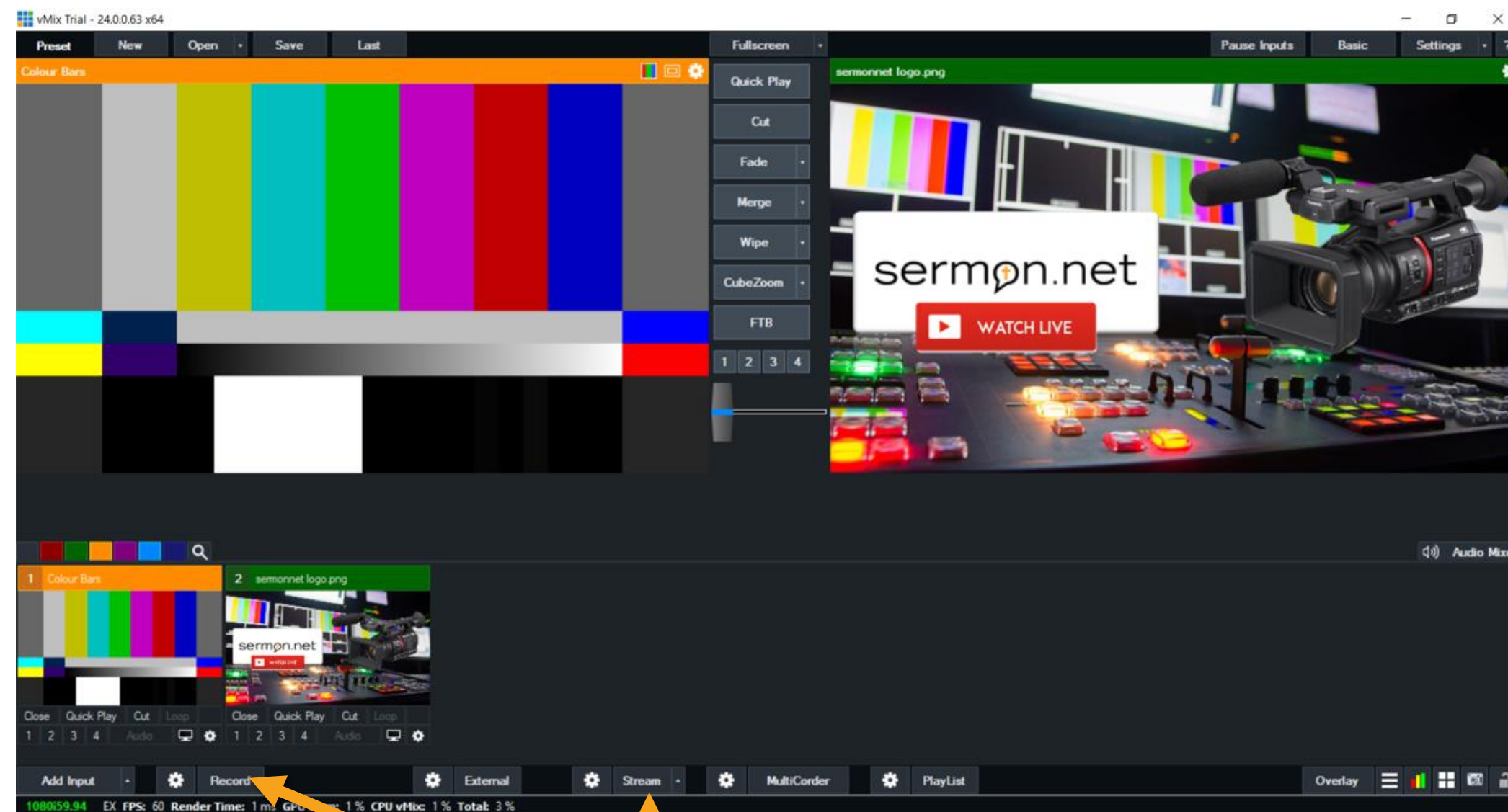
Click Add Input – Everything is an input

Save Your vMix Profile



Save your work. Click the Save Button to Save the profile. You can open your profile to have all of your settings.

Your Ready To Stream



View your stream with the View In Media Center Link within your live episode

To Stream Click, Stream – Best practice is to also record locally as well

Best Practice

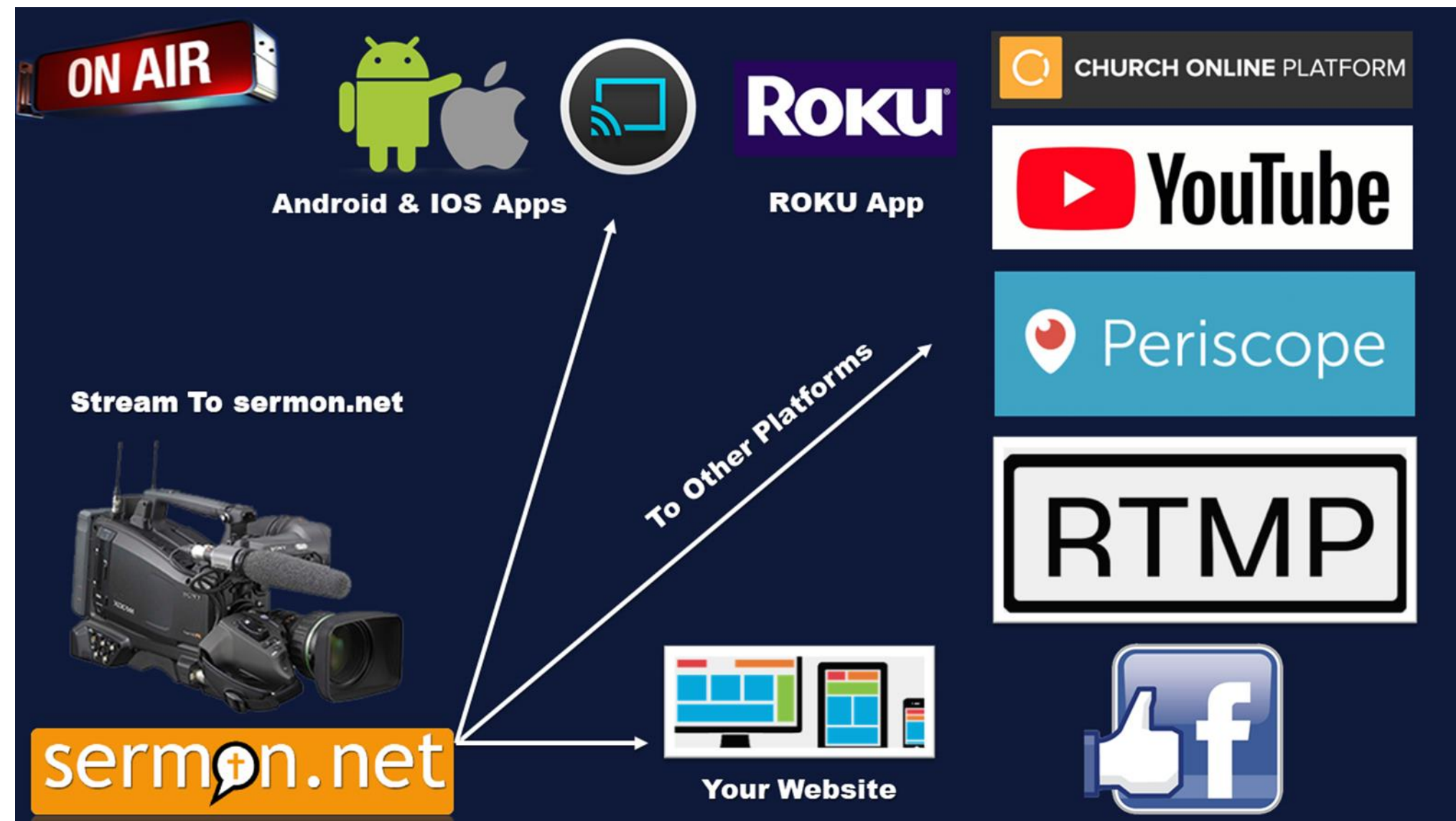


- If you are having trouble, please restart your computer
- To Start or Stop the recording – Press Record
- To Start or Stop the streaming – Press Stream
- If the stream breaks into several files. This means your stream will be dropping and you are overloading your computer.
- Wired Internet Connection Works the best

If you have any other questions, please let us know, we are happy to help. We do offer FREE remote assistance, if you could use some help let us know and we can set up a time to assist.



Restream To Other Platforms



Restream from your sermon.net account to YouTube, Facebook, & a custom platform