

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, Episode Manager, Delivery Manager, Studio Settings, My Account, and Stats. The main content area has a top navigation bar with 'sermon.net', 'Go to Simple Mode', and 'Support'. Below this, the 'Sermon Studio Dashboard' title is followed by a 'Select Language' dropdown and 'Powered by Google Translate'. A form for 'New Episode name' with a text input field and a 'Create New Episode' button is present. The 'Live Stream Shortcuts' section contains four tiles: 'RTMP' (labeled 'RTMP Credentials'), 'Simulcasting', 'Stream from Browser', and 'Live Recordings'. The 'Quick Links' section at the bottom contains six tiles: 'Episode Archive', 'Media Centers', 'Playlist / RSS', 'Stats', 'App Manager', and 'Media Bank'. An orange arrow points from the bottom of the screen to the 'RTMP' tile.

sermon.net

Home

Episode Manager

Delivery Manager

Studio Settings

My Account

Stats

Home

Select Language

Powered by Google Translate

Sermon Studio Dashboard

New Episode name * [Create New Episode](#)

Live Stream Shortcuts

RTMP
RTMP Credentials

Simulcasting

Stream from Browser

Live Recordings

Quick Links

Episode Archive

Media Centers

Playlist / RSS

Stats

App Manager

Media Bank

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

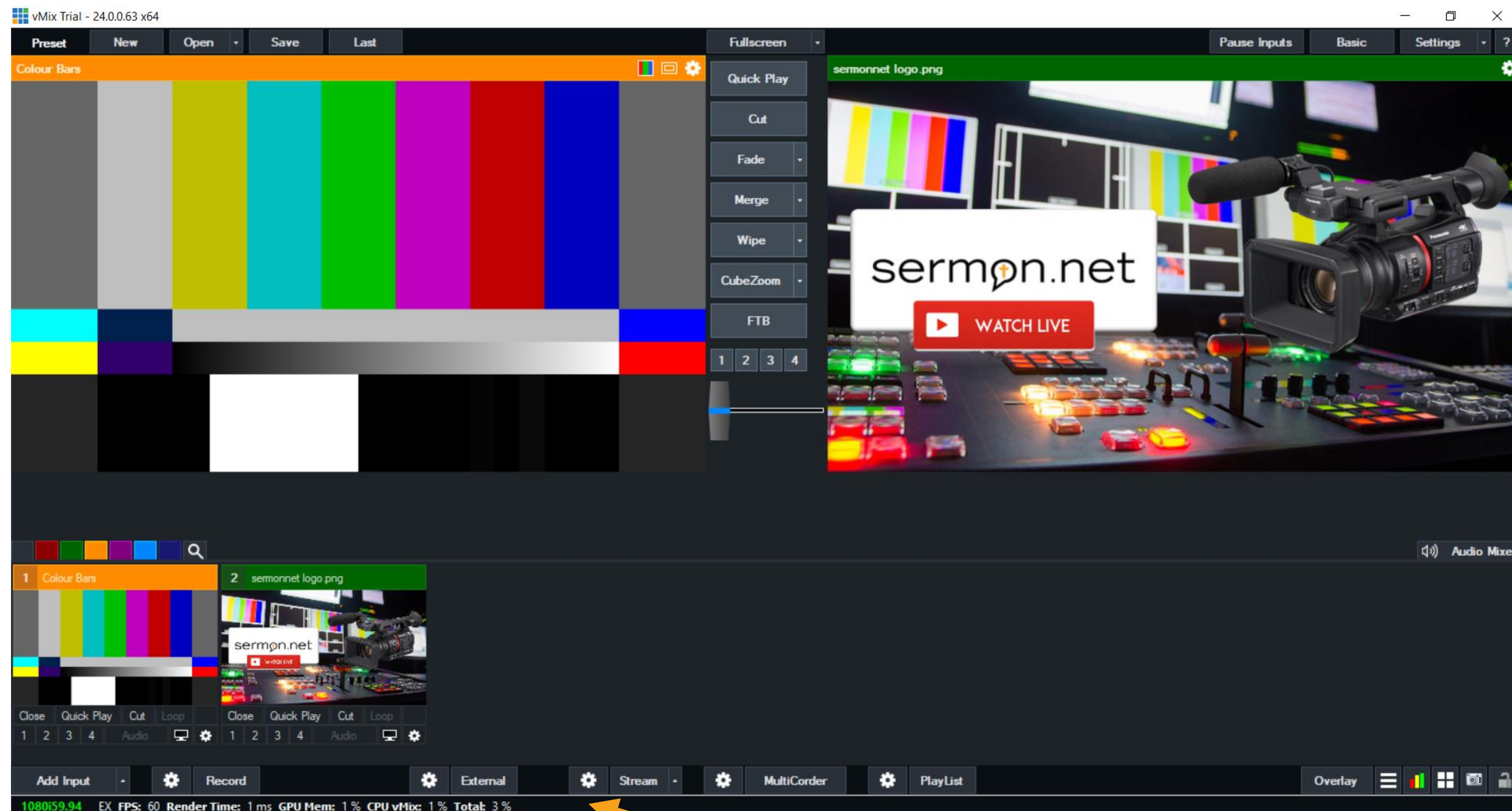
Get your credentials

The screenshot shows the sermon.net interface. The left sidebar contains 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 is titled 'Live Broadcast' and includes a 'Master Live Episode' button. Below this, there's a 'View in Media Center' section with a URL, social media icons, and checkboxes for 'Show in Player' and 'Podcast'. The 'Stream Credentials' tab is active, showing 'RTMP STREAM CREDENTIALS'. It asks 'What live encoding software are you using?' with a dropdown menu 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:'. The 'Email Stream Credentials to:' field contains 'youremail@sermon.net'. There are 'Copy Link' buttons for the server url and stream key, and a 'Send' button for the email field.

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

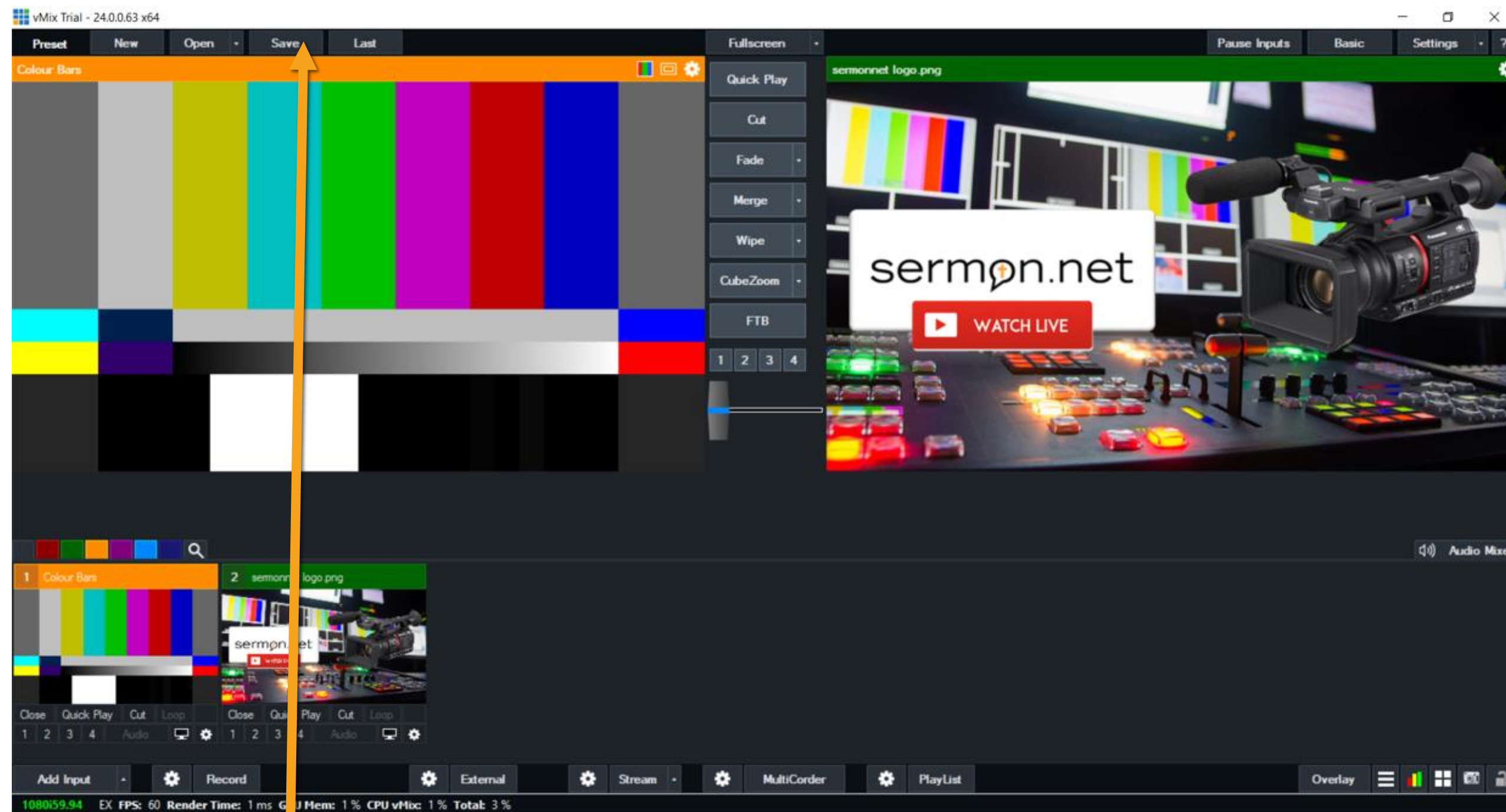
Add Your Input



The screenshot displays the vMix software interface. On the left, the main preview window shows a color bar and a 'sermonnet logo.png'. Below it, the 'Add Input' button is highlighted with an orange arrow. To the right, the 'Input Select' menu is open, listing various input types: Video, DVD, List, Camera, 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. An orange arrow points from the 'Add Input' button to the 'Camera' option in the menu. On the far right, a 'Select the Video file to open.' dialog box is visible, featuring a 'Browse' button and checkboxes for 'Video contains Alpha Channel' and 'Video is Interlaced'. The bottom status bar shows system information: '1080i59.94 EX FPS: 60 Render: 1 ms GPU Mem: 1 % CPU vMix: 1 % Total: 3 %'.

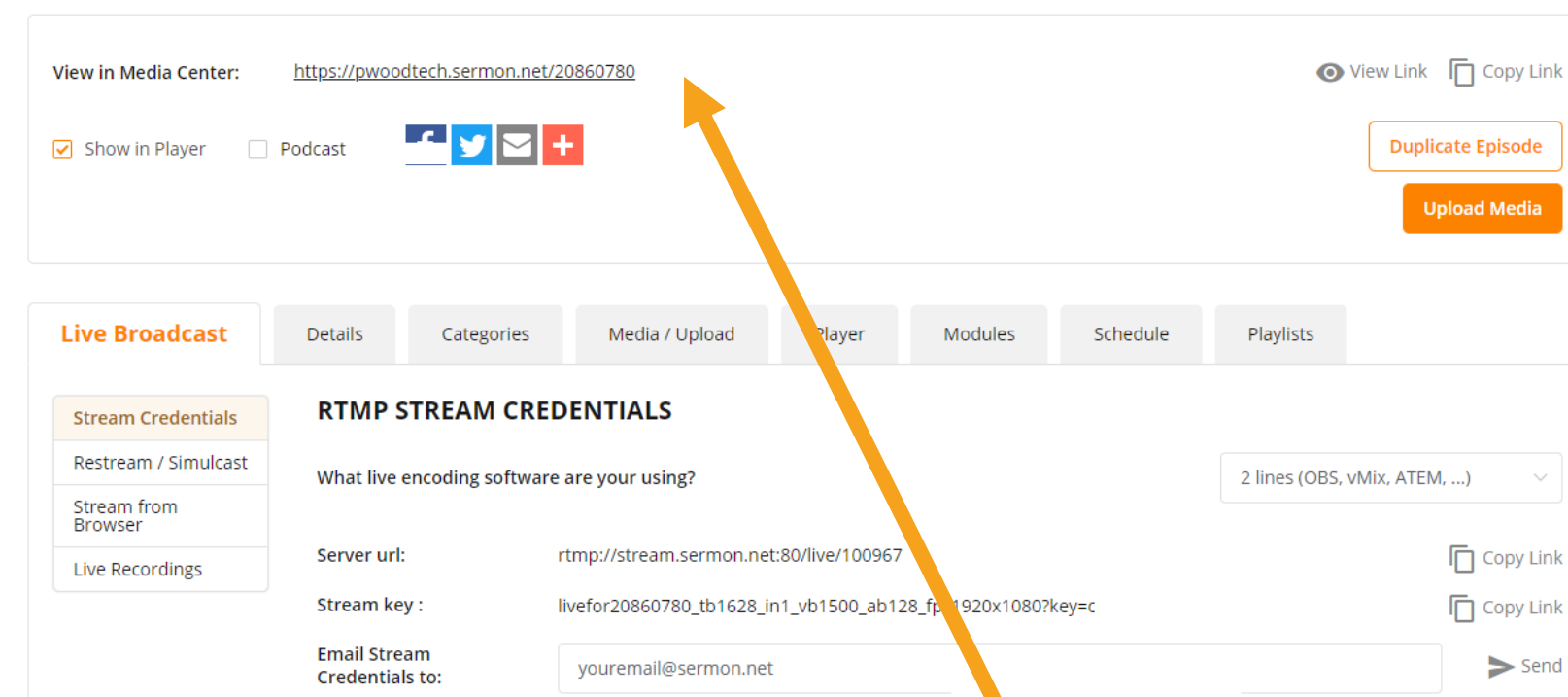
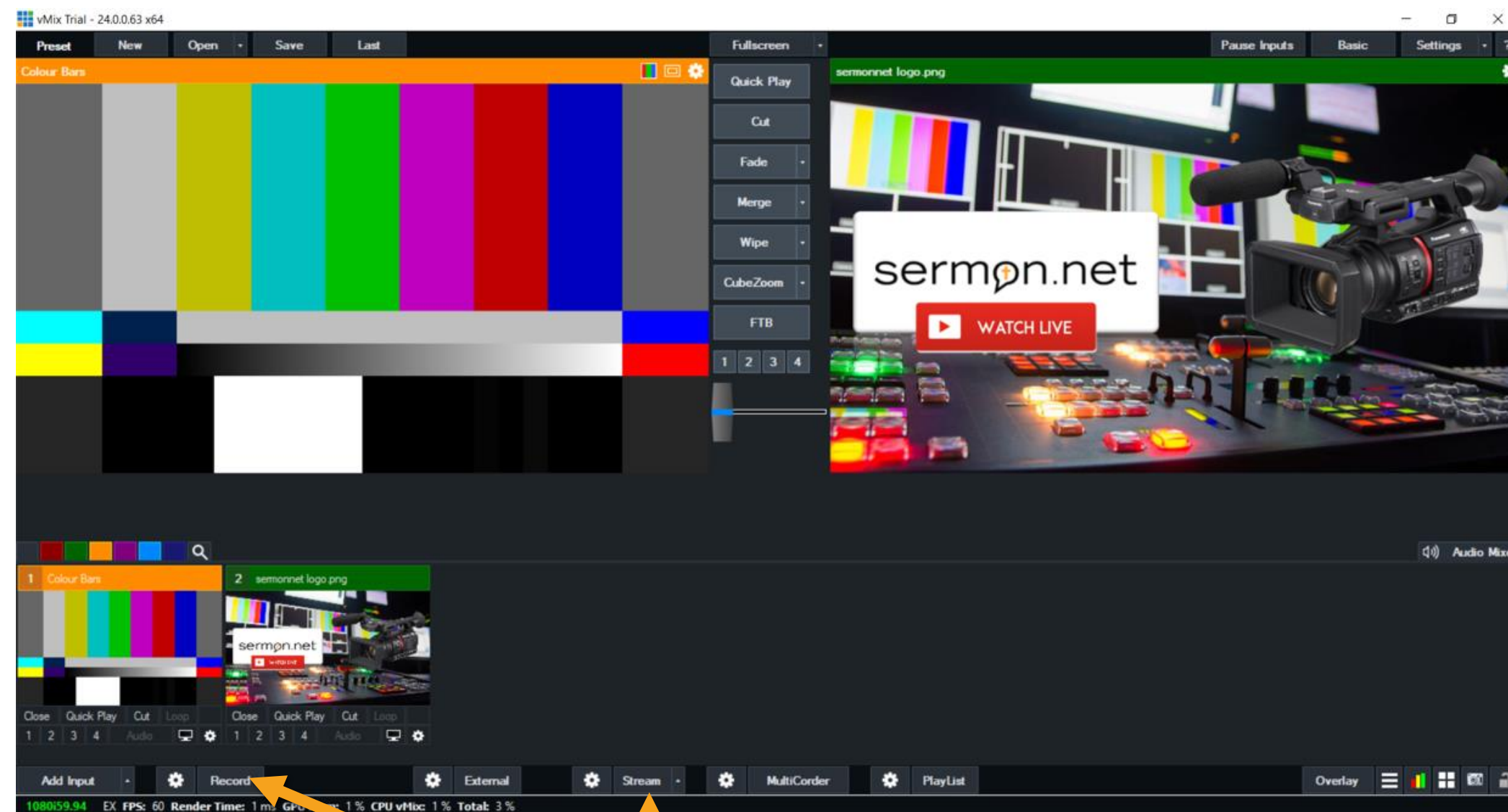
Click Add Input – Everything is an input

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

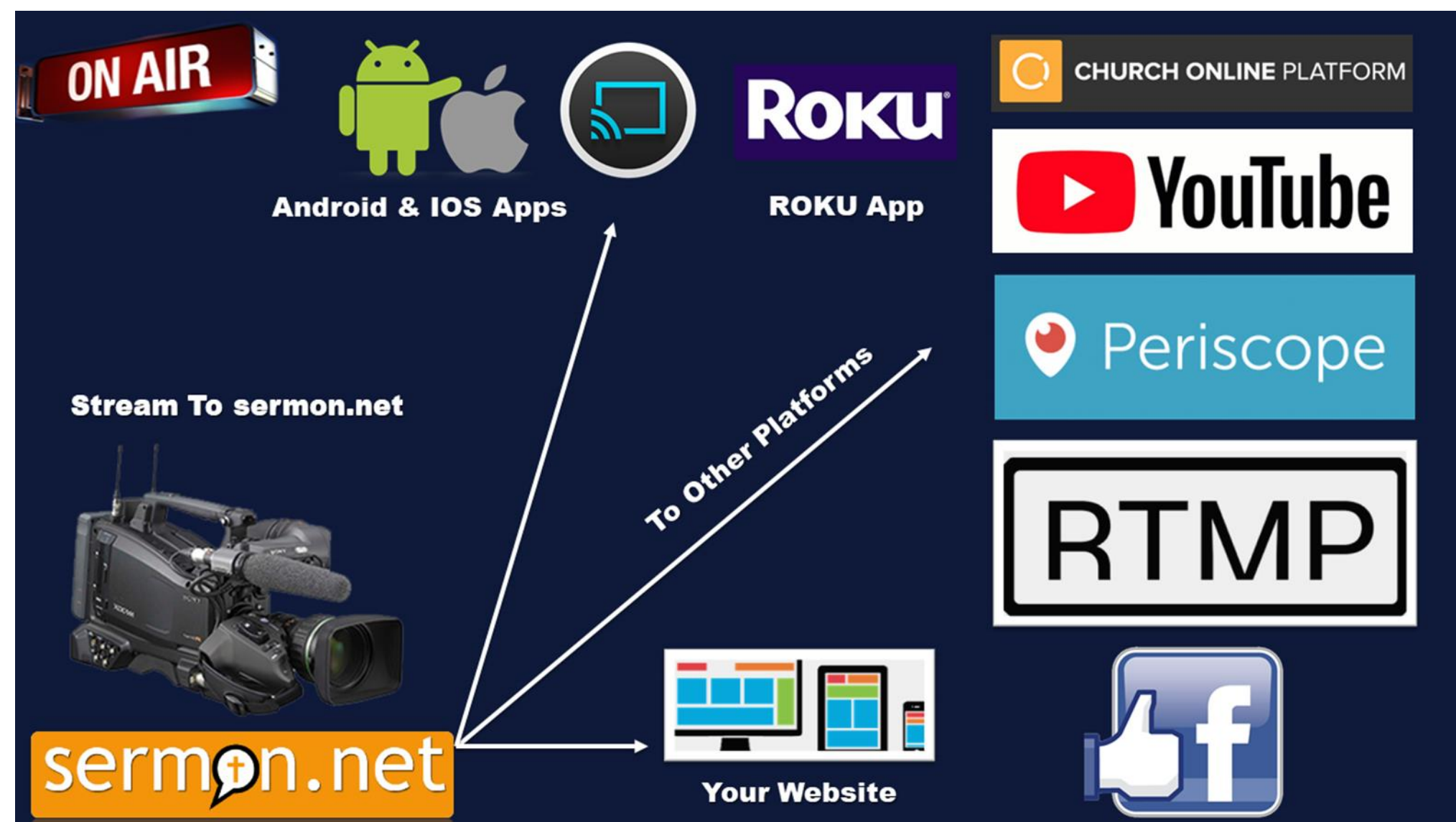


- If you are having trouble, please restart your computer
- To Start or Stop the recording – Press Record
- To Start or Stop the streaming – Press Stream
- If the stream breaks into several files. This means your stream will be dropping and you are overloading your computer.
- Wired Internet Connection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