

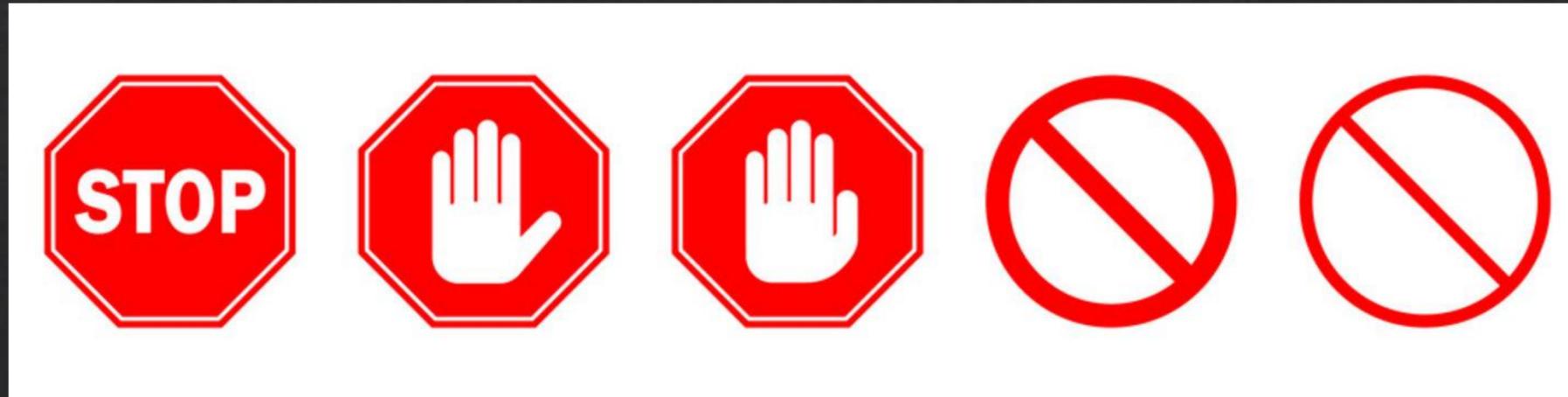


# How to stream using ATEM Mini Pro Encoder with Switchboard.live Next Gen

Revised 6/28/2023



# Items you will need for setup



Items you must have before starting the setup

1. Windows or an Apple Computer – Chrome book will not work
2. ATEM must be plugged in to the internet using the ethernet cord (House Phone square port but bigger). **ATEM Does not work on WIFI**
3. Small HD TV to use the multiview on the switcher
4. HDMI or SDI Cables to plug your cameras or sources into
5. ATEM Control Software – You would download this from Black Magic Design. Note that you would need to install the software and reboot your computer.
6. Go to [www.speedtest.net](http://www.speedtest.net) run a speedtest. Your internet speed needs to be at least 15mb on the upload



# Get your credentials

switchboard 

Paul Wood  
Switchboard.live 

Datavideo 

**Datavideo**

+ Add NEW Workflow

View All Workflows

Stream Key:



OFFLINE Add Group ?

No Video Present  
Start Encoder

Viral StreamShare™ (0)

New Group (1) | Autostart: OFF  
Switchboard Cloud Default | Multistreaming with Switchboard!

PUBLIC RTMP Generic RTMP  
Source Quality

ADD       +

SOURCE	CONFIG
Recommended Settings	Not Receiving Video. 
Key frame	2
FPS	30 or 60
Bitrate	Constant (CBR)

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Help

Login to your [Switchboard.live account Login Link](#)

Click on the dropdown to create a new workflow > Select Black Magic Design Encoder



# Get your credentials

Blackmagic Design Encoder

RTMP URL:  
rtmp://live2.sb.zone/live COPY

Stream Key:  
e1c8-fs8u-ui3q-y2x0 COPY

SOURCE CONFIG

Recommended Settings Not Receiving Video. ●

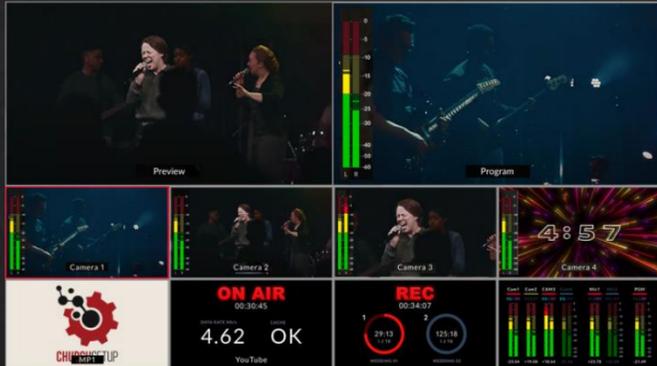
Key frame	2
FPS	30 or 60
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Copy your Switchboard.live Stream Key



# How to hook up your gear

TV for Multiview



Presentation Computer



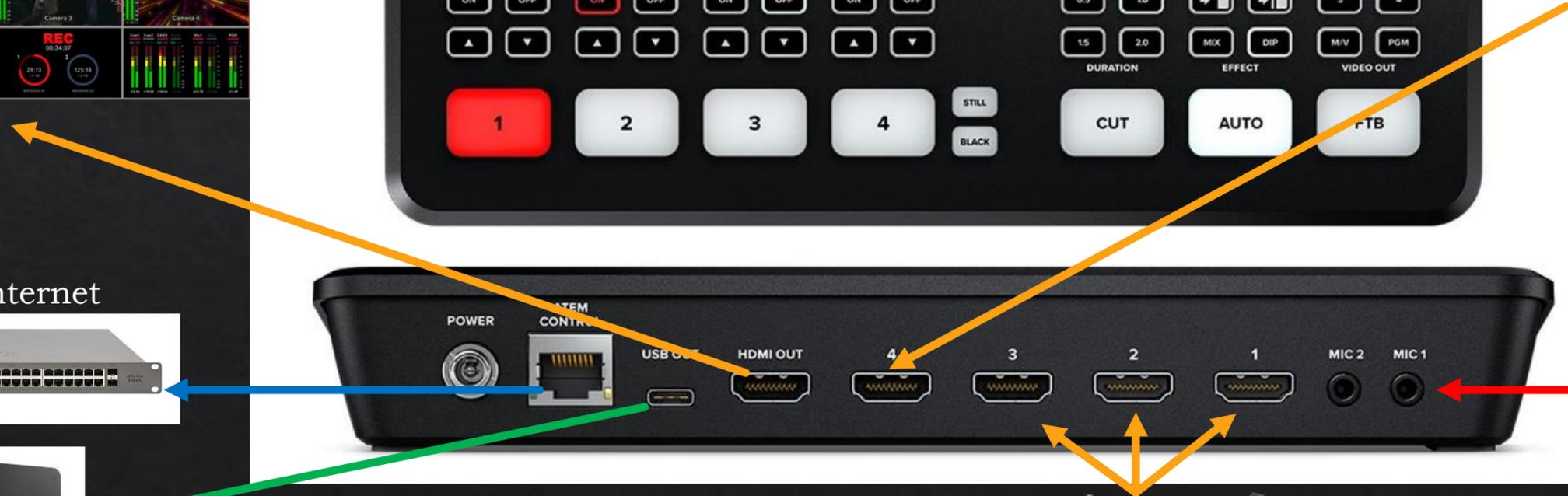
Local Internet



USB C Drive



Audio Out





Download XML File

[Click Here to Download  
Switchboard.live XML File](#)



# Setup ATEM Mini Pro



**Support Center**  
How can we help you?

Ruslan  
Support Engineer  
United States

Welcome to the Blackmagic Design support center. Here you will find the latest software updates, support notes, instruction manuals and all kinds of helpful information. If you need extra help, then please go to our community forum and connect with the incredible experience of the television industry.

Select a Product Family

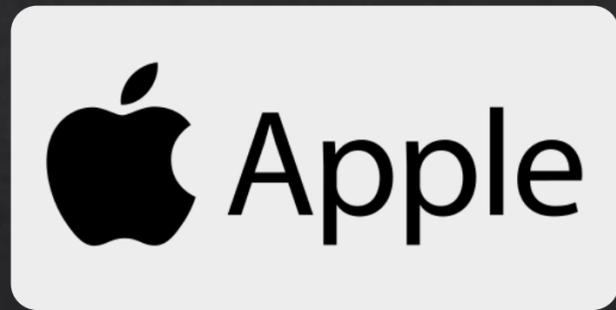
Professional Cameras	DaVinci Resolve and Fusion Software	<b>ATEM Live Production Switchers</b>	Ultimatte	Duplication, Disk Recorders and Storage	Capture and Playback
Standards Conversion	Broadcast Converters	Monitoring	Network Storage	MultiView	Routing and Distribution

Latest Downloads

Software Update 23 Mar 2023  
**ATEM Switchers 9.0.1 Update**  
This software update is for ATEM 4 M/E Constellation HD and adds webcam support, corrects headphone output channel mapping and extended tally support.  
[Read more](#)

Latest Support Notes

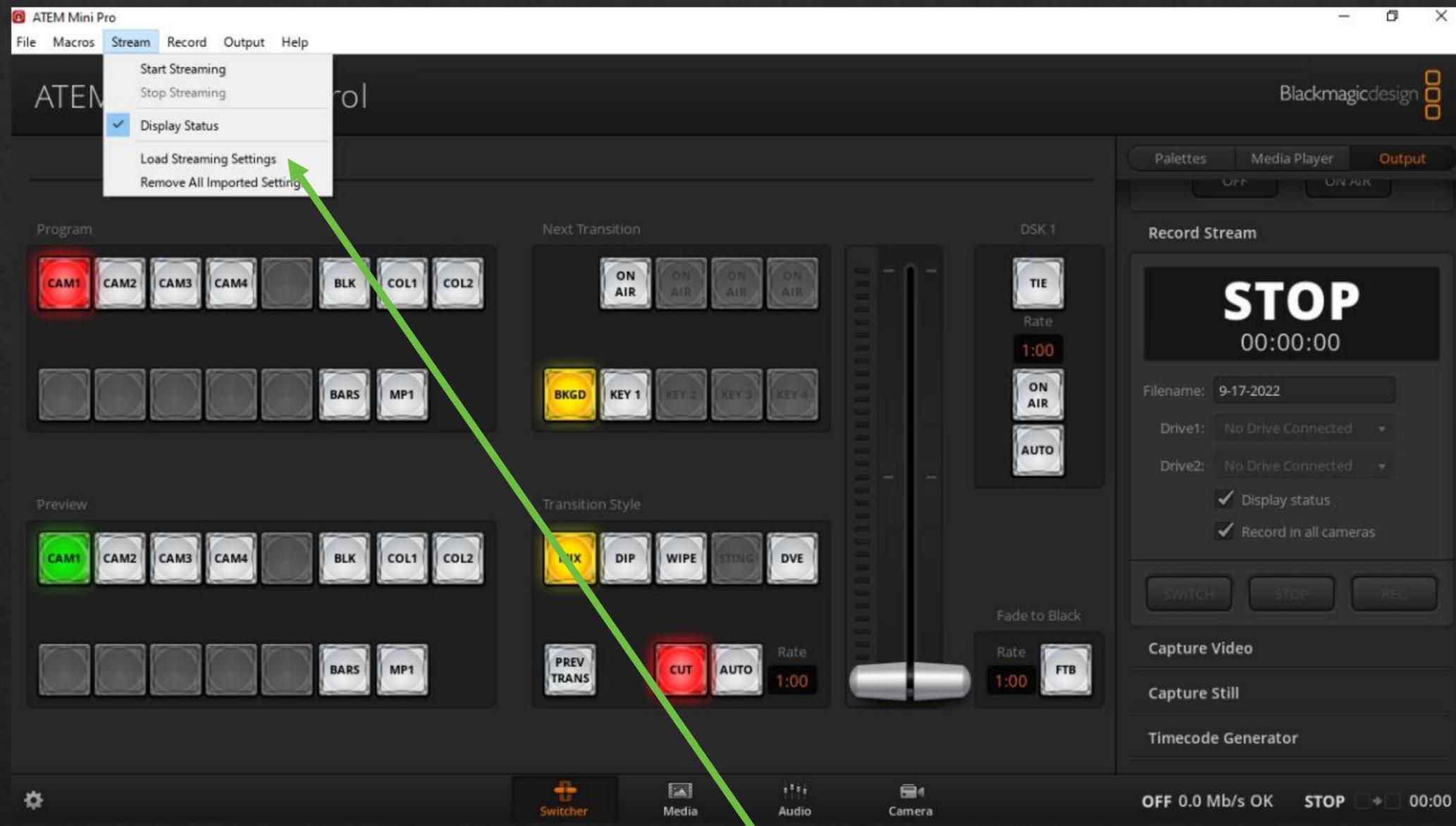
Information Video 17 Apr 2023  
**NAB 2023 Update!**  
Learn about the new ATEM Television Studio 4K8, ATEM 4 M/E Constellation 4K switchers, DaVinci Resolve 18.5 and more!



- Go to the Blackmagic Design's Website Download/install the latest software.  
<https://www.blackmagicdesign.com/support/family/atem-live-production-switchers>
- As of 6/28/2023 The latest version is 9.0.1



# Upload XML File



In the ATEM Software – Click on The menu at the top > Stream > Load Stream Settings



# Add the Stream Key



Palettes   Media Player   **Output**

Live Stream

**OFF**  
00:00:00

Platform: sermon.net ▾

Server: Primary ▾

Key:

Quality: Streaming Medium ▾ 2.0Mb/s

Display status

Record Stream

Capture Video

Capture Still

Blackmagic Design Encoder ▾

RTMP URL:

Stream Key:

SOURCE   CONFIG

Recommended Settings	Not Receiving Video. ●
Key frame	2
FPS	30 or 60
Bitrate	Constant (CBR)

To Stream Press **ON-Air**

- Open The ATEM Control Software > Go to Output
- Login to your Switchboard.live > Copy Stream Key and paste into the Key field on the ATEM Software



# Your Ready To Stream



To stream press > ON Air  
Takes about 30 seconds for the video to show up  
Best practice is to record as well  
Press Start Recording



# Watch the stream

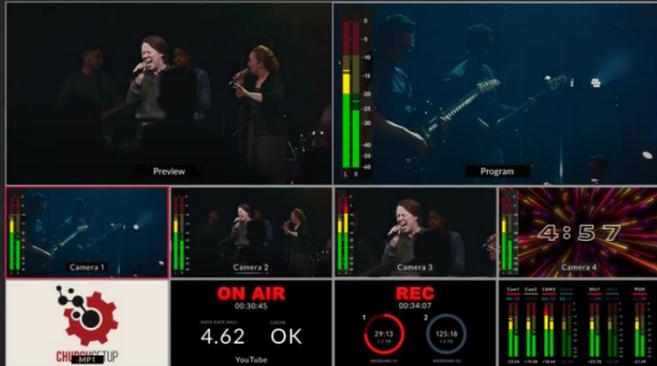
Go to your dashboard to see the preview > add your groups to go live to your targets

The screenshot shows the Switchboard Live dashboard. At the top left is a hamburger menu icon. The top center features the 'switchboard' logo. On the top right, the user's name 'Paul Wood' and 'Switchboard.live' are displayed next to a profile icon with the initials 'PW'. Below the header, a teal bar contains a 'Video Present' status with a checkmark and the instruction 'Click the Green GO LIVE button to start streaming.' To the right of this bar are buttons for 'OFFLINE', 'Add VSS Group', 'Add Group', and a help icon. The main content area is split into two columns. The left column shows a video preview window with a color calibration chart and the Switchboard logo overlaid. Below the preview are 'SOURCE' and 'CONFIG' tabs. Under 'SOURCE', there is a 'Receiving Video' indicator with a green dot. Below that are fields for 'RTMP URL:' (containing 'rtmp://live2.sb.zone/live') and 'Stream Key:' (containing a masked key), each with a 'COPY' button. The right column features a yellow box titled 'Switchboard Groups' with a list of bullet points: 'Groups, allow you to connect & store your social destinations (YouTube, Twitch, Facebook).', 'Add and edit title & descriptions via Templates.', 'Turn on/off the "Auto Start" option.', and 'Click the button below to add a Group.' Below the list is an 'Add Group' button. At the bottom center, there is a large red 'WATCH LIVE' button with a play icon. In the bottom right corner, there is a blue 'Help' button. The footer at the bottom left contains the text '© 2016-2023 SWITCHBOARD LIVE INC. | PRIVACY POLICY'.



# How to hook up your gear

TV for Multiview



Presentation Computer



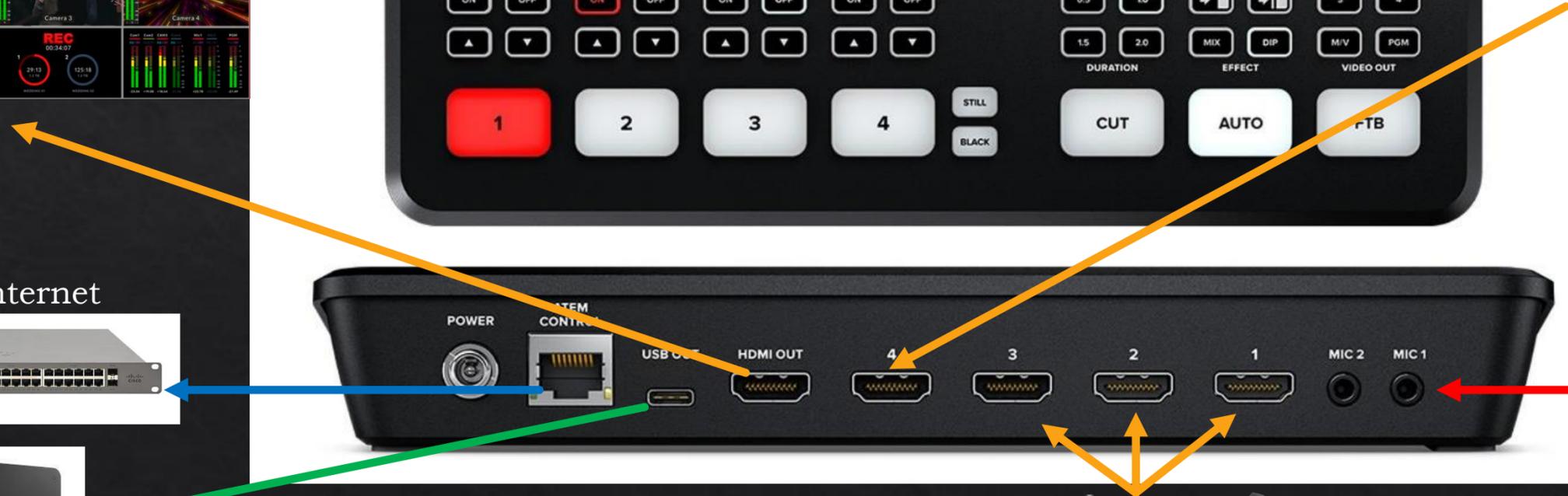
Audio Out



Local Internet



USB C Drive





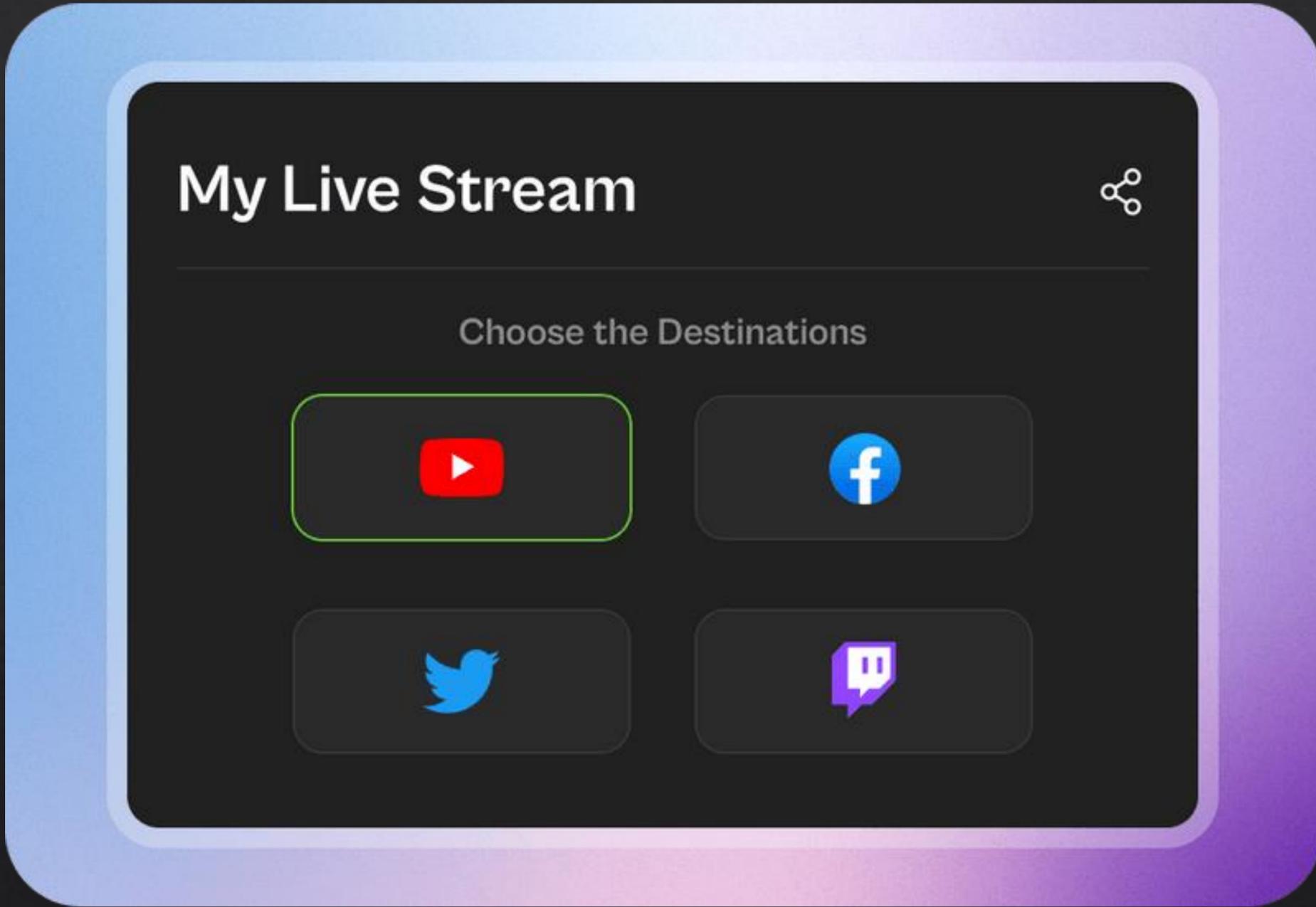
# Best Practices



- If you are having trouble, please restart the ATEM Mini Pro
- To Start or Stop the recording – Press Record (REC Button)  
Note you must have a usb c drive connected to record
- To Start the Stream press On Air to Stop press off
- If the stream breaks into several files or the ONAIR is flashing. This means your stream will be dropping signal and your local network/internet is having issues. May Need to lower your bitrate
- Ethernet is required for streaming. This will not work on wifi



# Multistream To Other Platforms



Multistream from your Switchboard.live account to YouTube, Facebook, & a custom platform. Multistreaming is what we do.



# Support



Reach out to support (215) 853-6354  
[support@switchboard.live](mailto:support@switchboard.live)  
[Help Files](#)