

HELO Plus

Restream Guidelines

Introduction

HELO Plus can stream to two destinations simultaneously, because it has two Stream Outputs. These two outputs can even use different streaming protocols.

With Restream it becomes possible for HELO Plus to stream to three or more destinations simultaneously. This is accomplished by directing one stream to Restream, which can then stream to multiple CDNs, provided they use the same streaming protocol. Restream also allows a stream to go live directly without requiring pressing the “Go Live” buttons on the Facebook and YouTube dashboards.

The Restream website is <https://restream.io>.

To learn more about AJA’s HELO Plus, please visit:

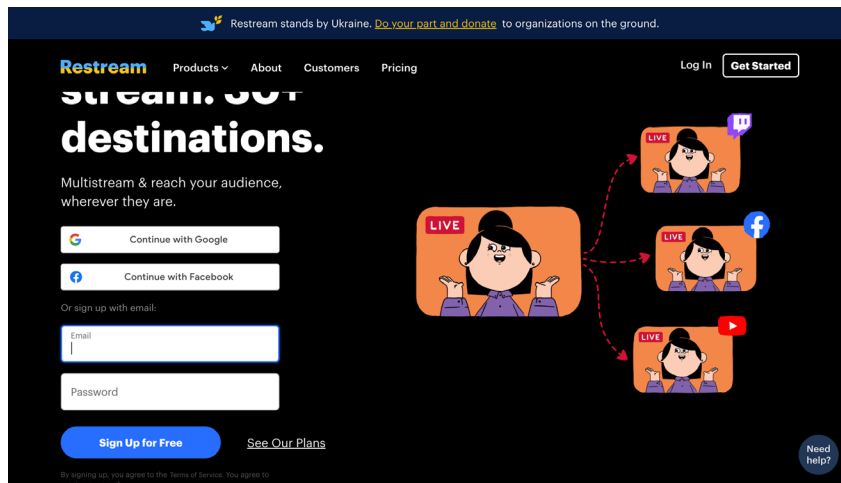
<https://www.aja.com/products/helo-plus>

Procedure

These guidelines apply to streaming through Facebook and YouTube.

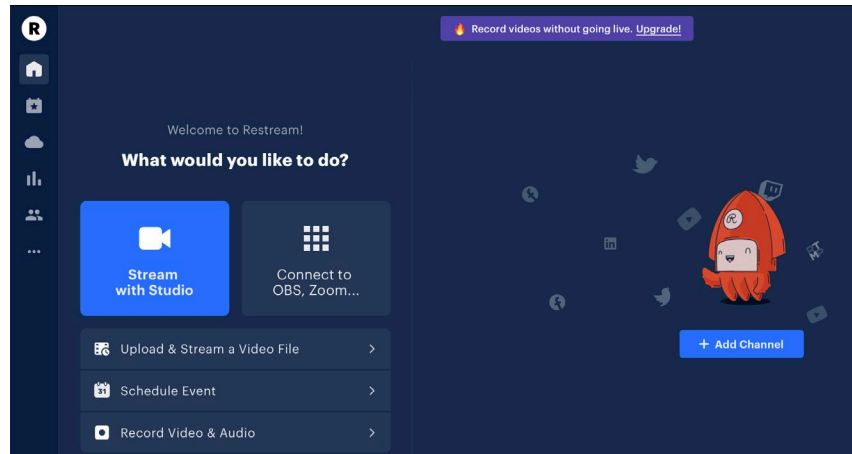
1. Sign in to your Facebook and YouTube accounts.
2. Access Restream’s website (<https://restream.io>), sign up for free, and then log in (*Figure 1*).

Figure 1. Restream Website



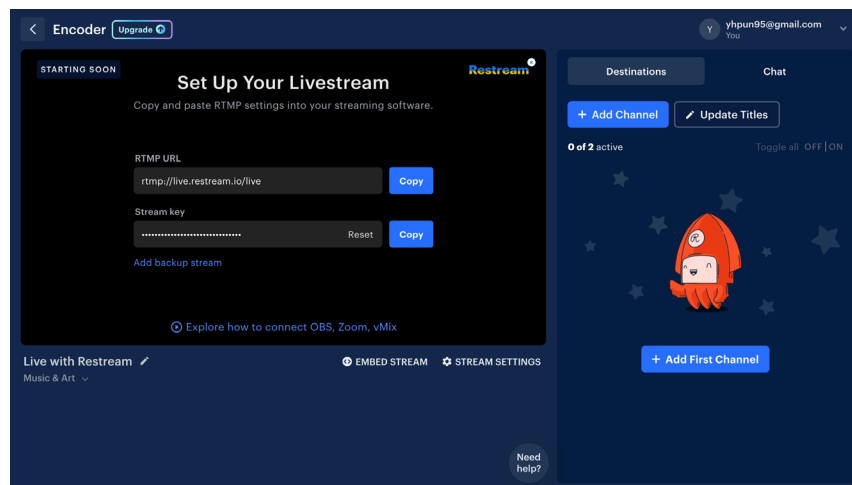
3. Once successfully logged in, you will be directed to the Restream Dashboard page ([https://restream.io](#)).

Figure 2. Restream Dashboard



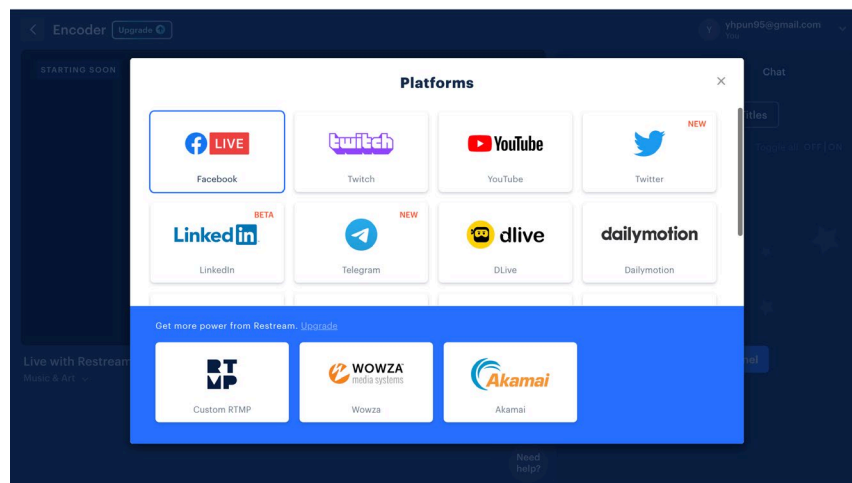
4. Select "Connect to OBS, Zoom, etc." The button will highlight when the cursor hovers over it, and when you click the next screen appears ().

Figure 3. Restream Livestream Selection



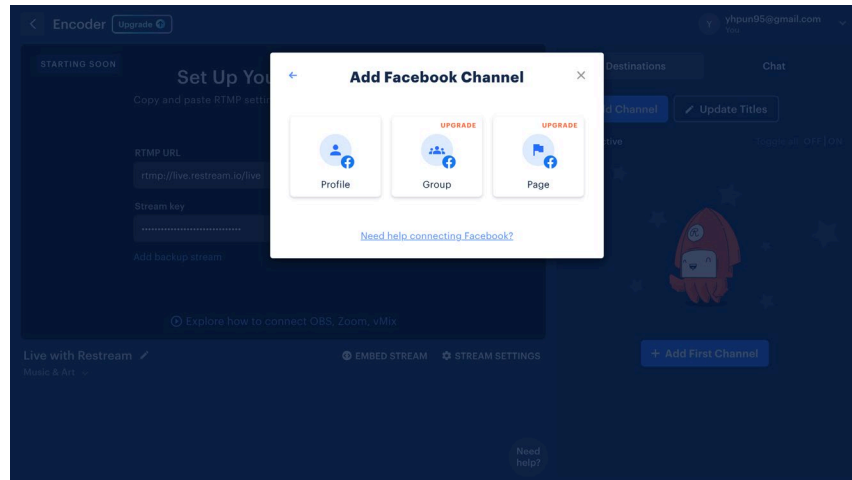
5. Select "Add First Channel". The next screen appears (Figure 4).

Figure 4. Restream Platforms



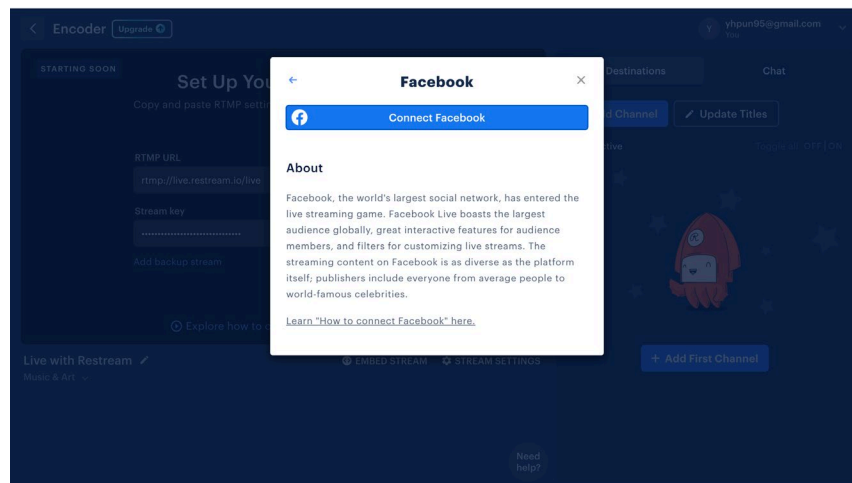
6. Select "Facebook Live". The next screen appears (Figure 5).

Figure 5. Restream Add Facebook Channel



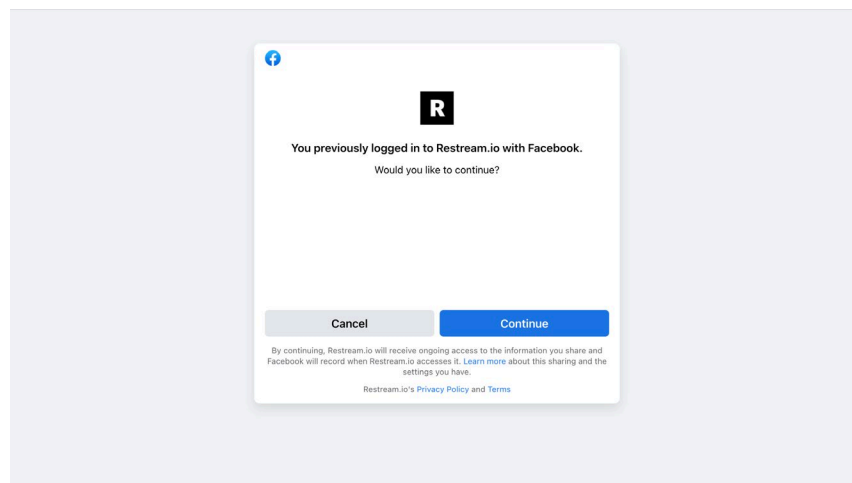
7. After making your choice, select "Connect Facebook" (Figure 6).

Figure 6. Restream Connect to Facebook



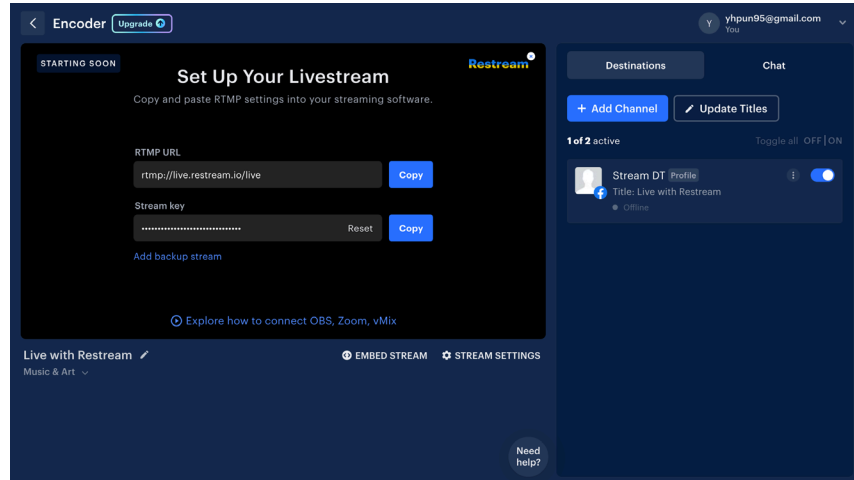
8. Next choose "Continue" (Figure 7).

Figure 7. Restream Connect to Facebook, Continue



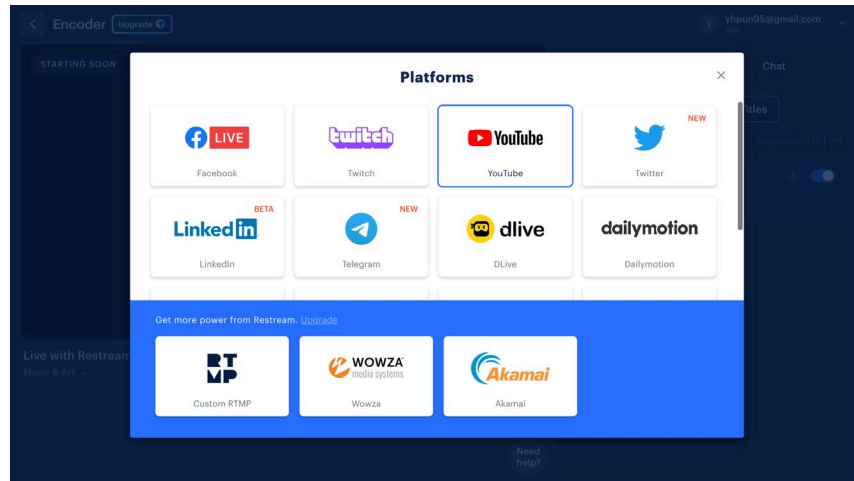
9. At this stage, once Facebook is connected to Restream, Restream will show the status of the connected Facebook account as "offline" (Figure 8).

Figure 8. Restream Setup Livestream



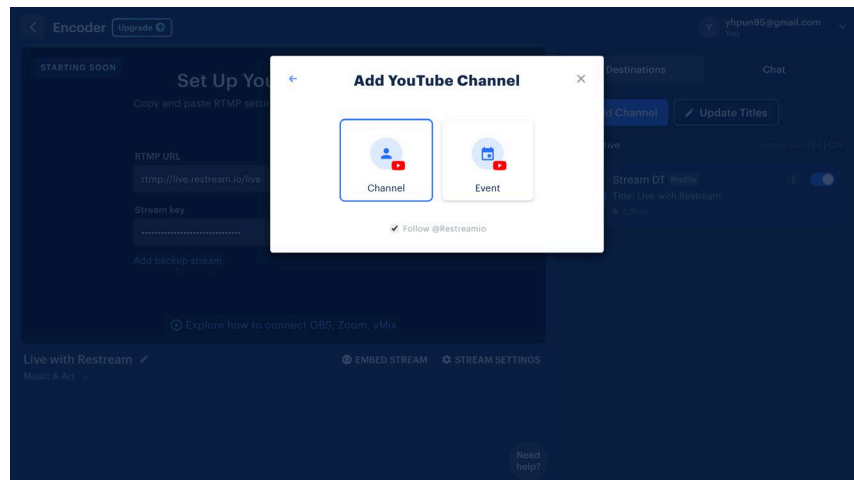
10. To add another destination like YouTube, select “Add Channel” and Choose “YouTube” (Figure 9). Please be sure that you have already successfully signed in to your YouTube account.

Figure 9. Restream Add YouTube Channel



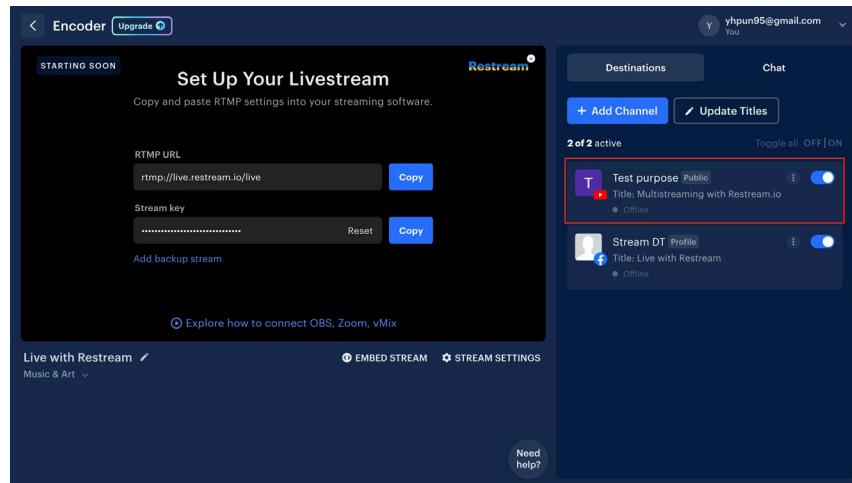
11. You are given a choice to stream the video to your own YouTube Channel or to a YouTube Event ().

Figure 10. Restream YouTube Channel or Event



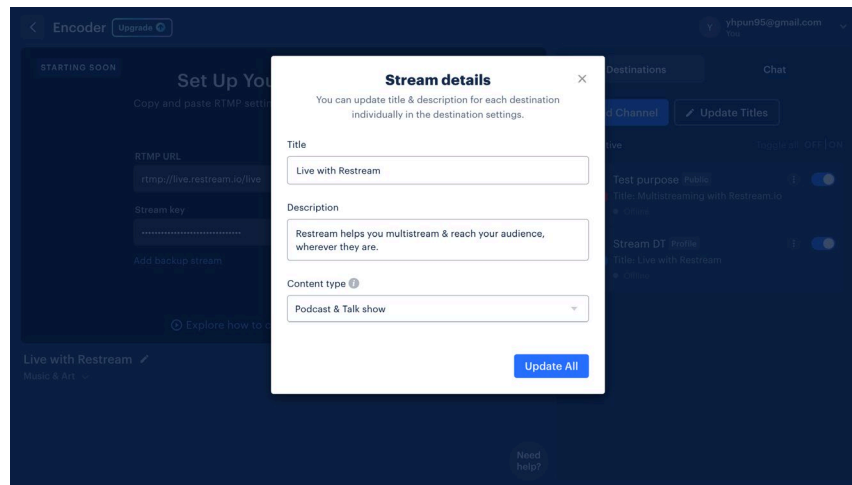
12. After your choice, allow Restream to access your Google account. Restream will then show the status of the connected YouTube account as "offline" (Figure 11).

Figure 11. Restream Off line



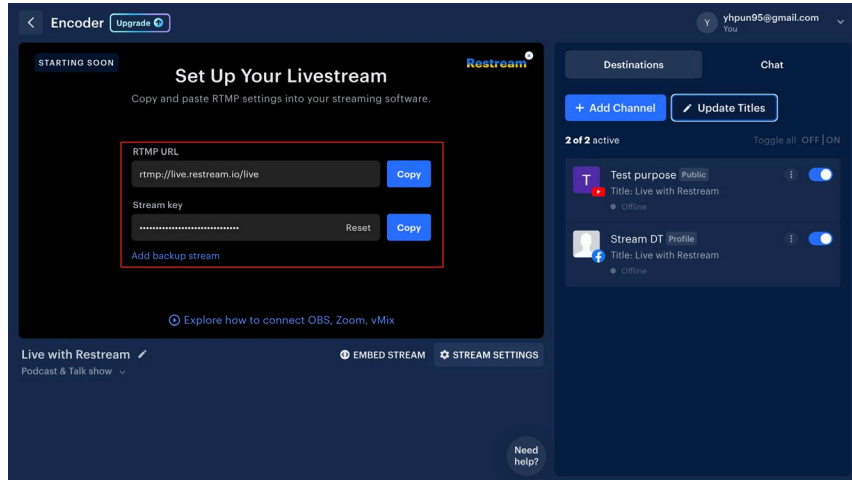
13. You can choose to rename the titles for your streams on Facebook and YouTube by selecting "Update Titles". Once you have configured the title, choose "Update all" (Figure 12).

Figure 12. Restream Update All



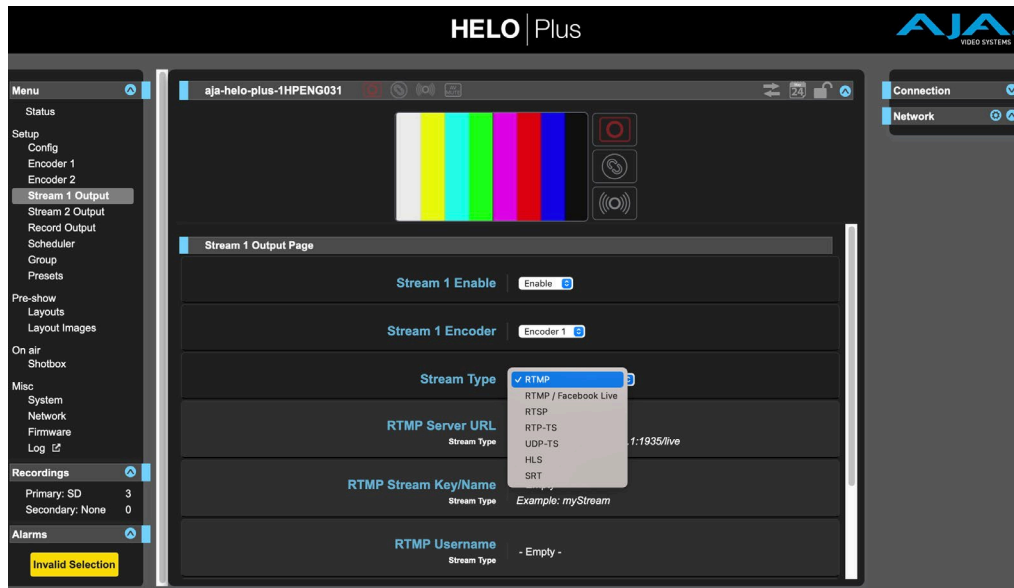
14. The next screen appears. Now copy the Restream RTMP URL by clicking on the adjacent "Copy" button ().

Figure 13. Restream Copy Settings 1



15. Go to the HELO Plus web UI, access the Stream 1/2 Output screen, and select "RTMP" as the Stream Type ().

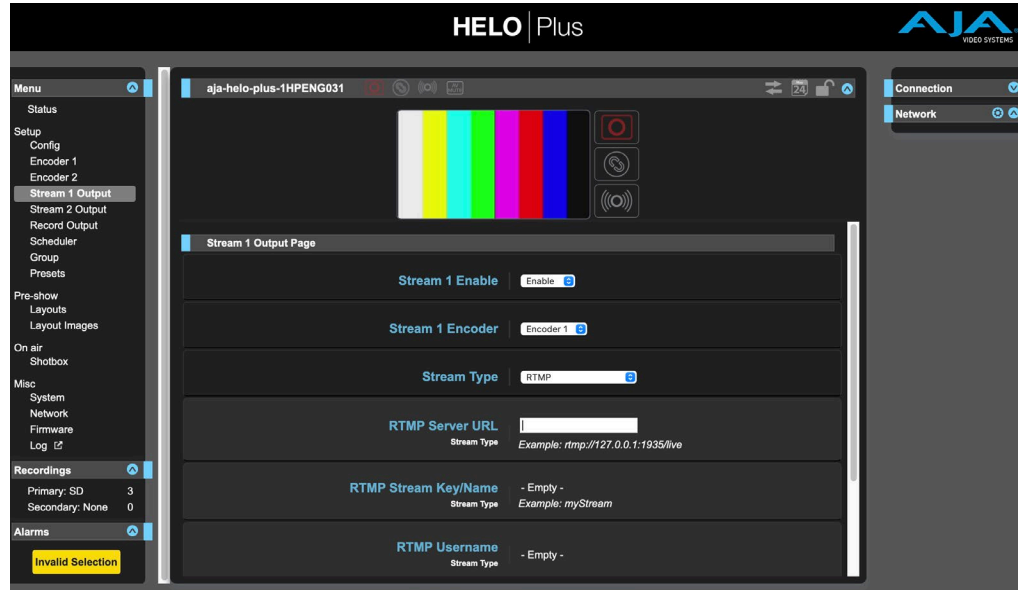
Figure 14. HELO Plus Web UI, RTMP



NOTE: When a HELO Plus streaming channel is enabled but not yet configured, a yellow "Invalid Selection" alarm message is displayed.

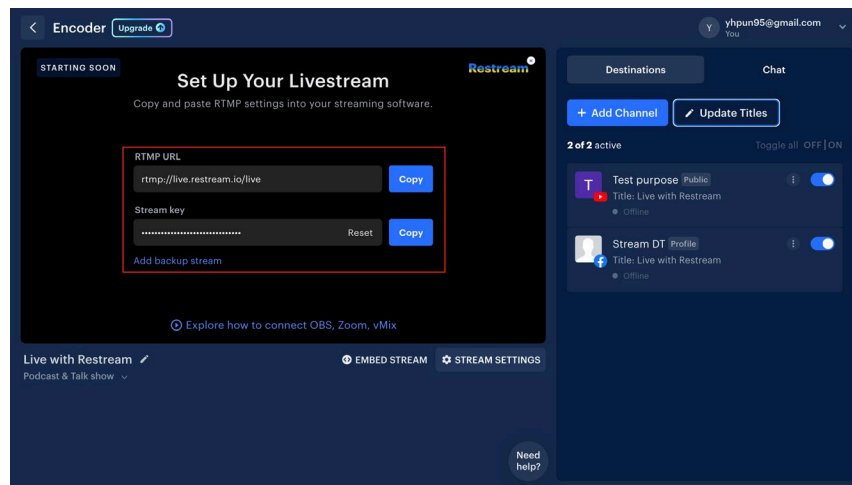
16. Next paste the RTMP URL you just copied into the HELO Plus RTMP Server URL parameter (Figure 15).

Figure 15. HELO Plus UI, Server URL



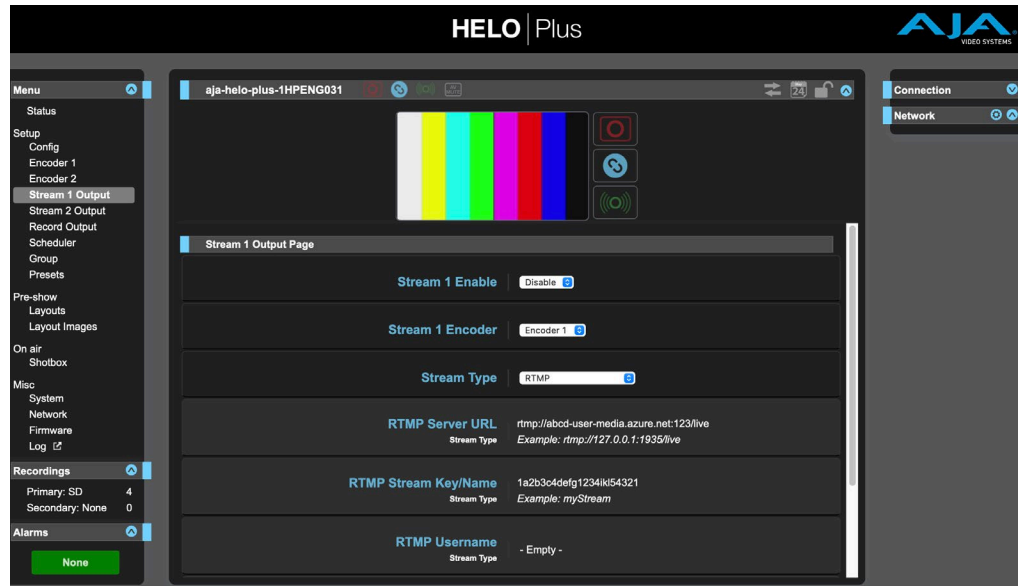
17. Now return to the Restream UI and perform a similar copy and paste of the Stream Key into the HELO Plus RTMP Stream Key/Name parameter (Figure 16, Figure 17).

Figure 16. Restream Copy Settings 2



NOTE: You can confirm the link to Restream is working before actually going live by toggling off the sliders located to the right each channel. Then, when HELO Plus begins to stream, the signal will be visible on this Restream screen, but it is not output to your channels until the sliders are toggled back on.

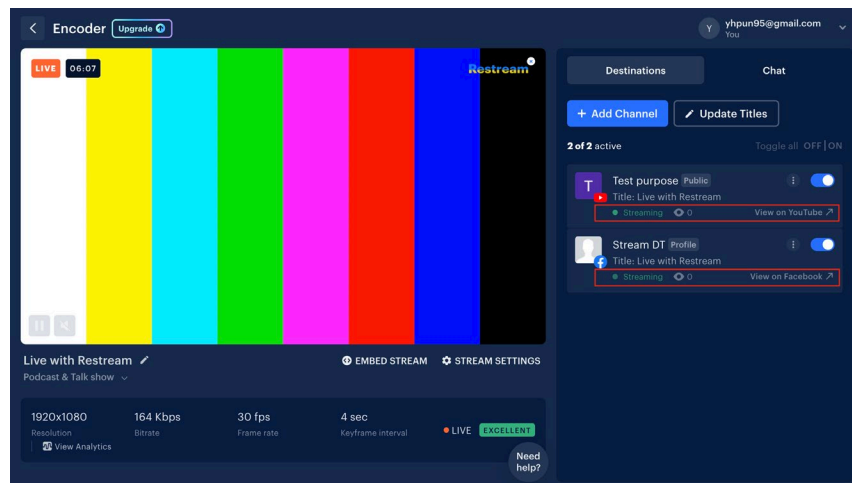
Figure 17. HELO Plus UI, Stream Key/Name



NOTE: A green "None" alarm message appears after a valid configuration has been entered.

18. Now, with Facebook and YouTube configured, either press the HELO Plus front panel hardware STREAM button, or click on one of the HELO Plus web UI Stream buttons.
19. Restream will then show the status of the Facebook and YouTube channels as "Streaming" once the video source successfully streams out from HELO Plus to the service (Figure 18).

Figure 18. Restream Status



20. Now, you can click on "View on Facebook" or "View on YouTube" at the bottom right of the platform name, this will lead you to the Facebook and YouTube Live pages, respectively (Figure 19, Figure 20).

Figure 19. Facebook Live Page View

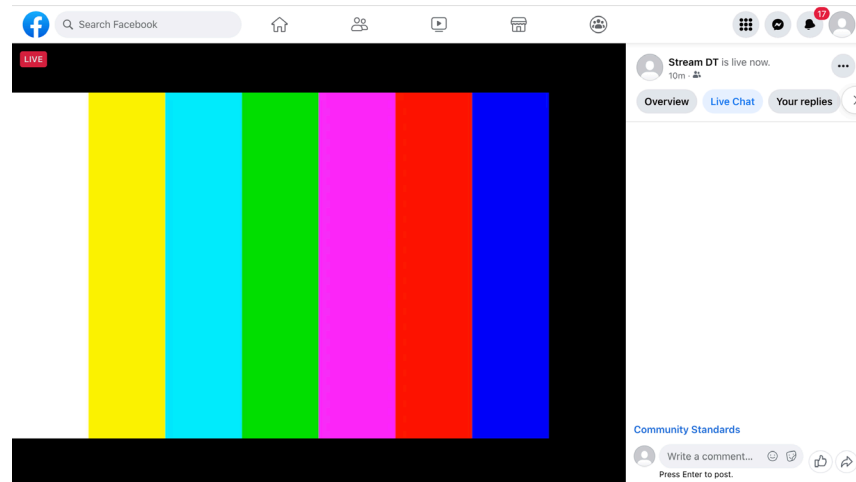
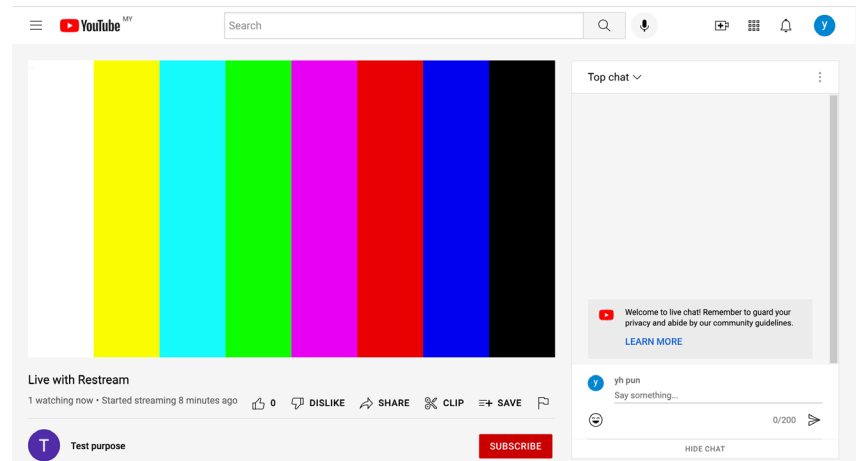


Figure 20. YouTube Live page view



21. When you want to stop the live stream, press the HELO Plus front panel Stream button or click on one of the HELO Plus Web UI Stream buttons.
22. To start a new live stream, you can rename the stream in Restream, if desired, then press a HELO Plus Stream button again. Facebook and YouTube will automatically create a new live video, and the previous live video will still be preserved.