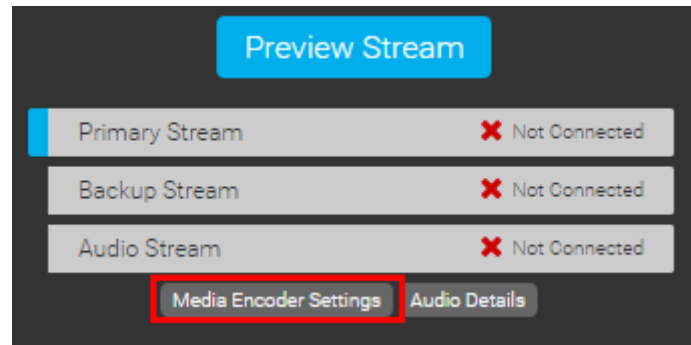


How do I broadcast using an encoder?

To access the information needed to connect your encoder for the event, click the **Media Encoder Settings** button in the **Broadcast Controls** area of the **Live Studio**. Your encoding device (e.g. Wirecast) will need to be set up to send an RTMP stream for broadcast.



Click **Media Encoder Settings** to access the stream path(s), codec information and recommended stream settings.

| | |
|----------------|---|
| Primary Stream | Wirecast 8+ Profile |
| Stream URL: | rtmp://cvsplit1.nyi-nyc.conveyglb.com/convey_live |
| Stream ID: | mp4:36U88HQC26 |
| Backup Stream | Wirecast 8+ Profile |
| Stream URL: | rtmp://cvsplit2.nyi-nyc.conveyglb.com/convey_live |
| Stream ID: | mp4:KY5U9WPVG2 |

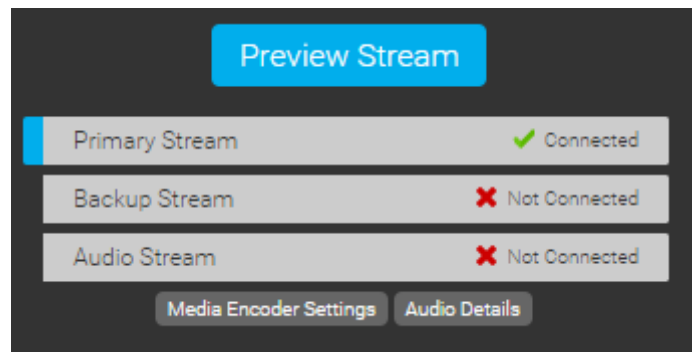
| | |
|--------------------|-----------------------------|
| Encoder Settings | |
| Encoder: | H.264 |
| Width x Height: | 854x480 |
| Frames per second: | 30 fps |
| Keyframe: | Every 60 frames (2 seconds) |
| Video Bitrate: | 800 kbps |
| Profile: | Main (3.1) |
| Audio Encoding: | AAC |
| Audio Bitrate: | 96 kbps |
| Audio Sample Rate: | 44.1 KHz |
| Audio Channels: | Mono |

Copy and paste the **Primary Stream URL** from the **Encoder Settings** to your encoding device settings. Then, copy and paste the **Primary Stream ID** into the stream setting of your encoder. Next, confirm that your encoding device is using the same settings as listed in the **Encoder Settings**. *NOTE: Bit rate can be adjusted based on your requirements.*

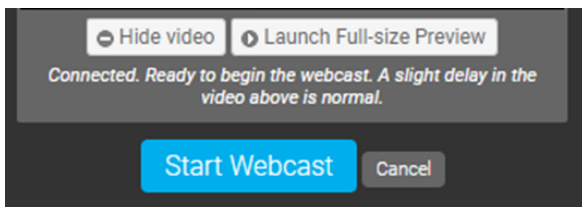
To add a redundant backup stream on the event, copy and paste the **Backup Stream URL** from the **Encoder Settings** to the secondary encoding device settings. Then, copy and paste the **Backup Stream ID** into the stream setting of your encoder. Next, confirm that your secondary encoding device is using the same settings as listed in the **Encoder Settings**. *NOTE: Bit rate can be adjusted based on your requirements.*

Start your encoder to begin streaming to the Webcast Server. **Connected** text will appear in the **Primary Stream** and/or **Backup Stream** boxes when a stream has been connected. Once

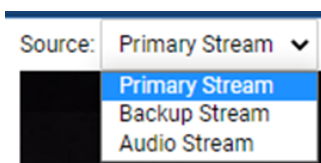
your encoder confirms a successful connection, click the **Preview Stream** button to view the stream(s).



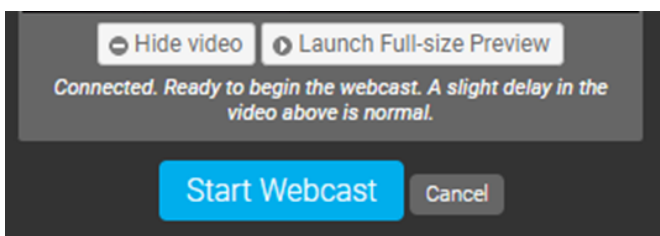
If you would like to preview the video stream(s) at full resolution, click **Launch Full-size Preview** to view the stream at full resolution.



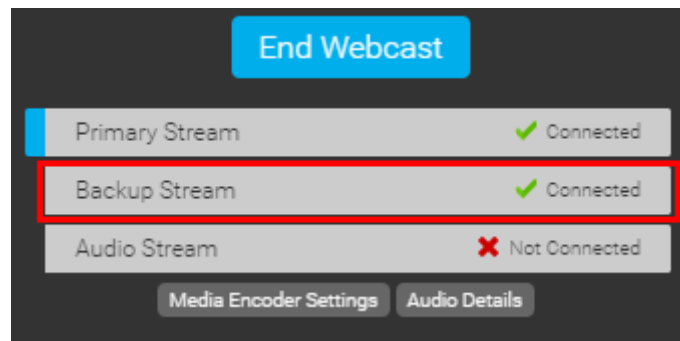
The Primary Stream preview will load by default in the full-size preview window. Use the **Source** dropdown above to test the Backup and Audio Stream if applicable.



Once the connection process is complete and you see your video in the **Live Studio**, click **Start Webcast** to begin broadcasting your event.



To switch between the primary and backup streams during an event, click on the **Primary Stream** or **Backup Stream** box. The stream name highlighted in blue along the left will appear in the **Broadcast Controls** window and is active on the presentation.



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