

Using QLab with Streamyard

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Timestamps

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Introduction

- To be used for Vanier College Productions but can be used elsewhere
- Intended to be on macOS devices for online performances



Figure 1:

<https://yorku.ca/laps/vcp/>

Installation: QLab



Figure 2: <https://qlab.app/download/>

Installation: Loopback



Figure 3: <https://rogueamoeba.com/loopback/>

Setting Up QLab

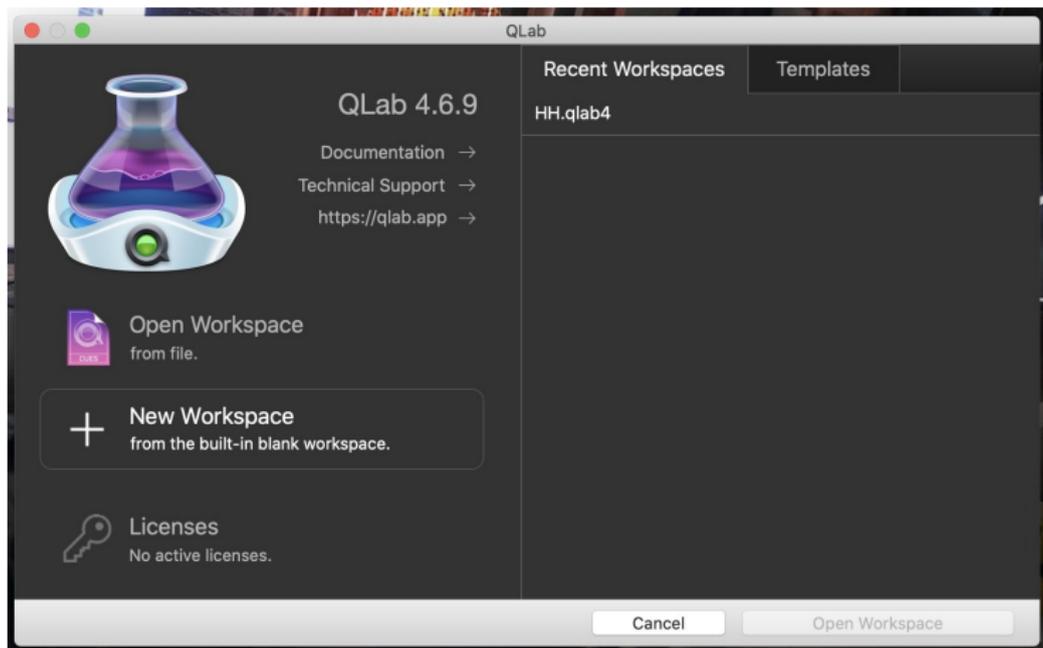


Figure 4: QLab After Installing

Setting Up QLab - File Structure

Show Folder/

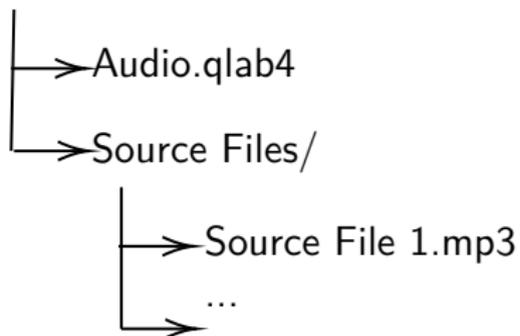


Figure 5: Recommended File Structure

Setting Up QLab

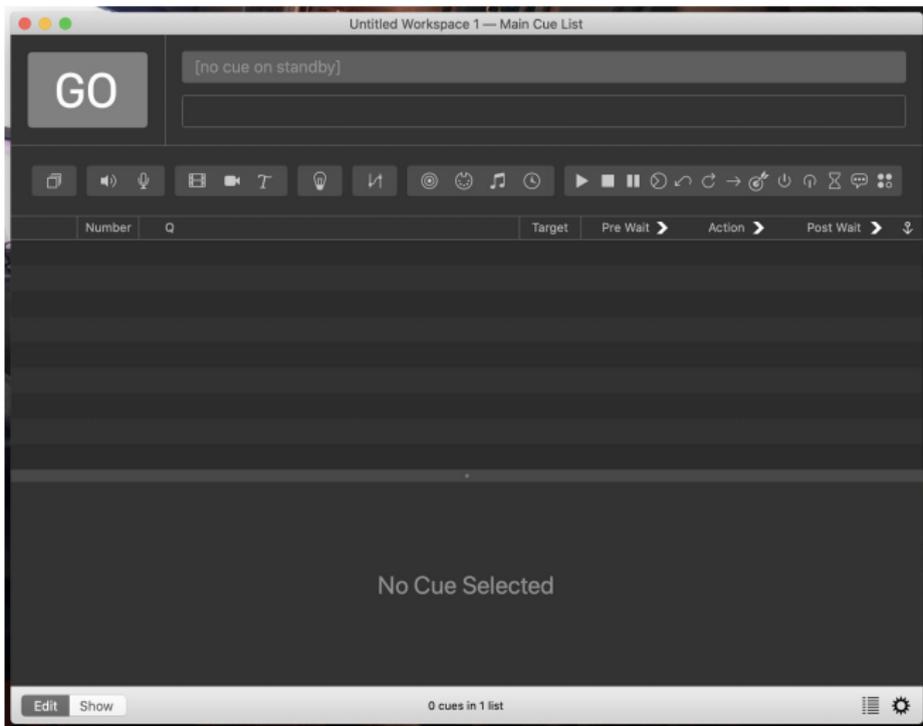


Figure 6: A Blank QLab Workspace

Setting Up QLab - Adding Audio

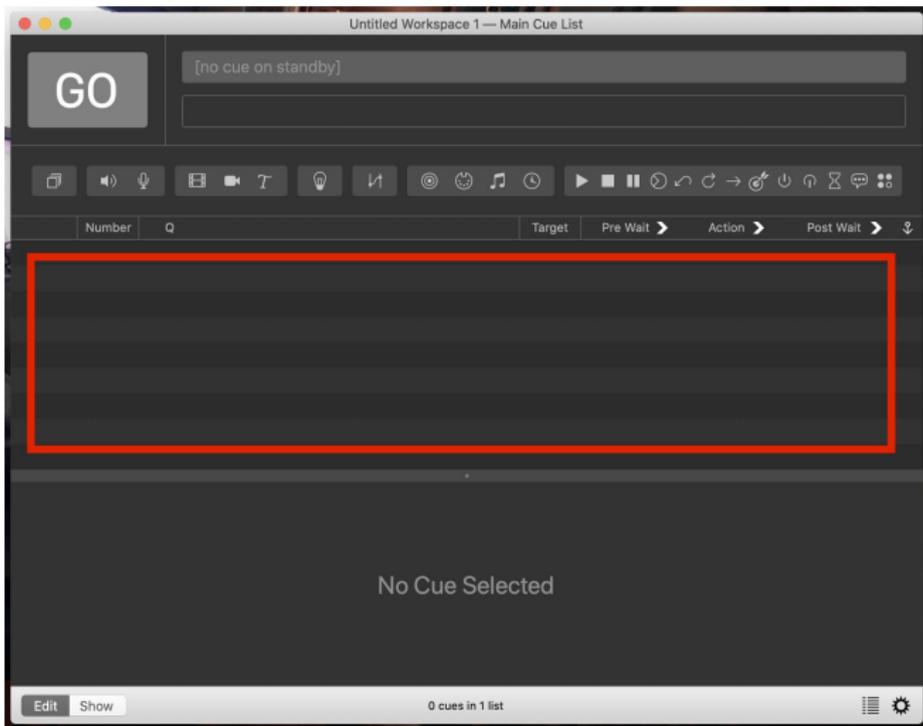


Figure 7: Where to Drag Audio Files

Setting Up QLab - Audio Added

The screenshot displays the QLab software interface for a cue list titled "Tutorial.qlab4 — Main Cue List". A large green "GO" button is visible in the top left. The cue list table contains three entries:

	Number	Q	Target	Pre Wait	Action	Post Wait	
🔊	1	1 Radio Jazz 1.mp3	🔊	00:00.00	06:50.34	00:00.00	↓
🔊	2	2 Chair Slide 1.mp3	🔊	00:00.00	00:01.31	00:00.00	
🔊	3	3 Knock.mp3	🔊	00:00.00	00:01.92	00:00.00	

Below the table, the "Basics" tab is selected, showing details for cue 1:

- Number: 1
- Name: 1 Radio Jazz 1.mp3
- Duration: 06:50.338
- Target: hussein / Desktop / Sc / VC / 20 / 20 / Sc / Sounds Unsorted / 1 Radio Jazz 1.mp3
- Pre Wait: 00:00.000
- Post Wait: 00:00.000
- Continue: Do not continue
- Armed:

The interface also includes a "Notes" field and "Edit" and "Show" buttons at the bottom.

Figure 8: What QLab Looks Like With Audio

Setting Up QLab - Adding Notes

The screenshot displays the QLab software interface for a cue list titled "Tutorial.qlab4 — Main Cue List". At the top left, there is a green "GO" button. Below it, the selected cue is "1 - 1 Radio Jazz 1.mp3" with a text field containing "This is a note". A toolbar with various icons is visible below the cue name. The main area shows a table of cues:

	Number	Q	Target	Pre Wait	Action	Post Wait	
▶	1	1 Radio Jazz 1.mp3	⬆	00:00.00	06:50.34	00:00.00	⬇
▶	2	2 Chair Slide 1.mp3	⬆	00:00.00	00:01.31	00:00.00	
▶	3	3 Knock.mp3	⬆	00:00.00	00:01.92	00:00.00	

Below the table, there are tabs for "Basics", "Triggers", "Time & Loops", "Audio Levels", "Audio Trim", and "Audio Effects". The "Basics" tab is active, showing details for cue 1: "1 Radio Jazz 1.mp3". The "Name" field is "1 Radio Jazz 1.mp3". The "Duration" is "06:50.338". The "Target" is a file path: "hussein / Desktop / Sc / VC / 20 / 20 / Sc / Sounds Unsorted / 1 Radio Jazz 1.mp3". The "Pre Wait" and "Post Wait" are both "00:00.000". The "Continue" dropdown is set to "Do not continue". There are checkboxes for "Flagged" (unchecked), "Auto-load" (unchecked), and "Armed" (checked). A text field at the bottom of the "Basics" tab contains "This is a note". At the bottom of the interface, there are "Edit" and "Show" buttons, and a status bar indicating "3 cues in 1 list".

Figure 9: QLab Sounds After You Add Notes

Setting Up QLab - Looping Sounds

The screenshot shows the QLab software interface. At the top, there's a 'GO' button and a text field containing 'This is a note'. Below that is a toolbar with various icons. The main area is a table of cues:

	Number	Q	Target	Pre Wait	Action	Post Wait	
▶	1	1 Radio Jazz 1.mp3	⬆	00:00.00	06:50.34	00:00.00	⬇
▶	2	2 Chair Slide 1.mp3	⬆	00:00.00	00:01.31	00:00.00	
▶	3	3 Knock.mp3	⬆	00:00.00	00:01.92	00:00.00	

Below the table, there are tabs for 'Basics', 'Triggers', 'Time & Loops', 'Audio Levels', 'Audio Trim', and 'Audio Effects'. The 'Time & Loops' tab is active, showing a waveform and a timeline. On the left, the 'Play count' is set to 1. On the right, there are checkboxes for 'Use integrated fade', 'Lock fade to start/end', and 'Preserve pitch', along with a 'Rate' field set to 1.

Figure 10: Sound > Time & Loops Tab > Play Count

Setting Up QLab - Sound Outputs (2/2)

The screenshot shows the QLab software interface. At the top, there's a 'GO' button and a text field containing '1 · 1 Radio Jazz 1.mp3' and 'This is a note'. Below this is a toolbar with various icons. The main area displays a table of cues:

	Number	Q	Target	Pre Wait	Action	Post Wait	
🔊	1	1 Radio Jazz 1.mp3	⬆️	00:00.00	06:50.34	00:00.00	⬇️
🔊	2	2 Chair Slide 1.mp3	⬆️	00:00.00	00:01.31	00:00.00	
🔊	3	3 Knock.mp3	⬆️	00:00.00	00:01.92	00:00.00	

Below the table, there are tabs for 'Basics', 'Triggers', 'Time & Loops', 'Audio Levels', 'Audio Trim', and 'Audio Effects'. The 'Audio Levels' tab is selected, showing an 'Audio Output Patch' dropdown set to '(mixed)'. There are buttons for 'Set Default Levels' and 'Set All Silent Levels'. A 'Visible Channels' section shows '10'. At the bottom, there are 'Edit' and 'Show' buttons, and a status bar indicating '3 cues in 1 list'.

Figure 12: Sound > Audio Levels Tab > Audio Output Patch

Setting Up QLab - Adding Stops

Tutorial.qlab4 — Main Cue List

GO

1 · 1 Radio Jazz 1.mp3

This is a note

	Number	Q	Target	Pre Wait	Action	Post Wait	
🔊	1	1 Radio Jazz 1.mp3	⬆️	00:00.00	06:50.34	00:00.00	
🔊	2	2 Chair Slide 1.mp3	⬆️	00:00.00	00:01.31	00:00.00	
❌	2.5	1 Radio Jazz 1.mp3	?	00:00.00	00:00.00	00:00.00	
🔊	3	3 Knock.mp3	⬆️	00:00.00	00:01.92	00:00.00	

Basics Triggers Time & Loops Audio Levels Audio Trim Audio Effects

Audio Output Patch
3 - External Headphones Edit...

Set Default Levels Set All Silent Levels

Assign Gangs Visible Channels 10

0 0 0
master 1 2

Edit Show 4 cues in 1 list

Figure 13: Adding a cue that stops a previous audio cue

Setting Up QLab - Auto-playing the Next Cue

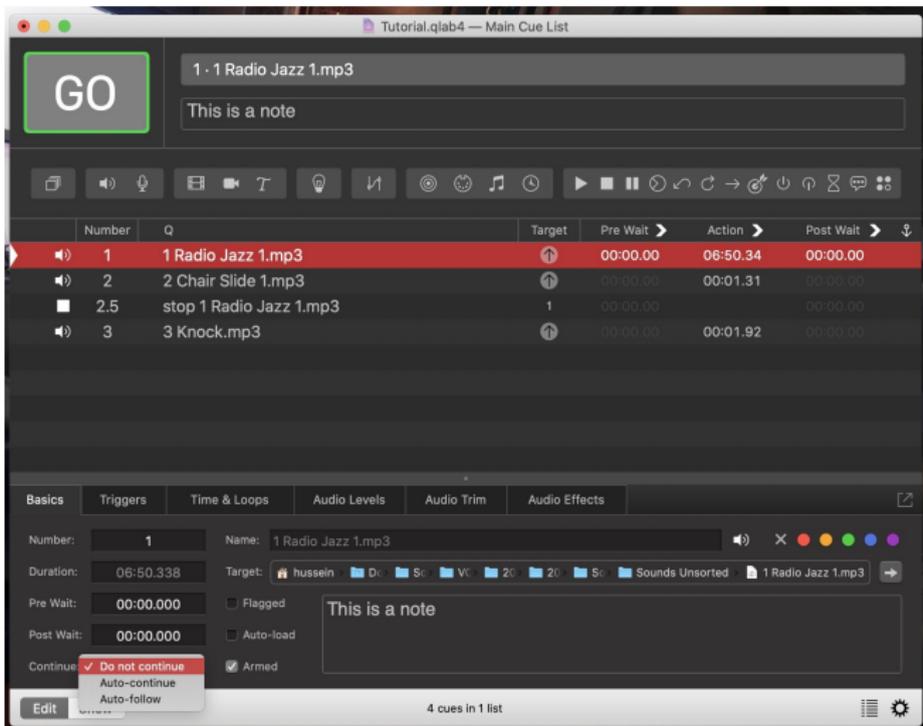


Figure 14: Sound > Basics Tab > Continue

Setting Up QLab - Delay Before/After a Cue

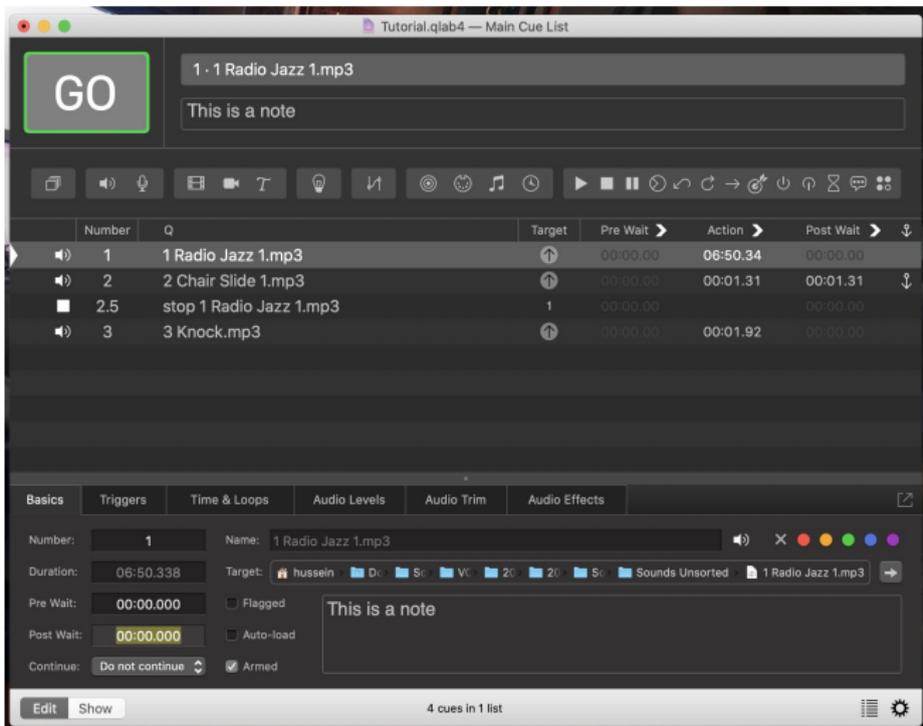


Figure 15: Sound > Basics Tab > Pre/Post Wait

Setting Up Loopback

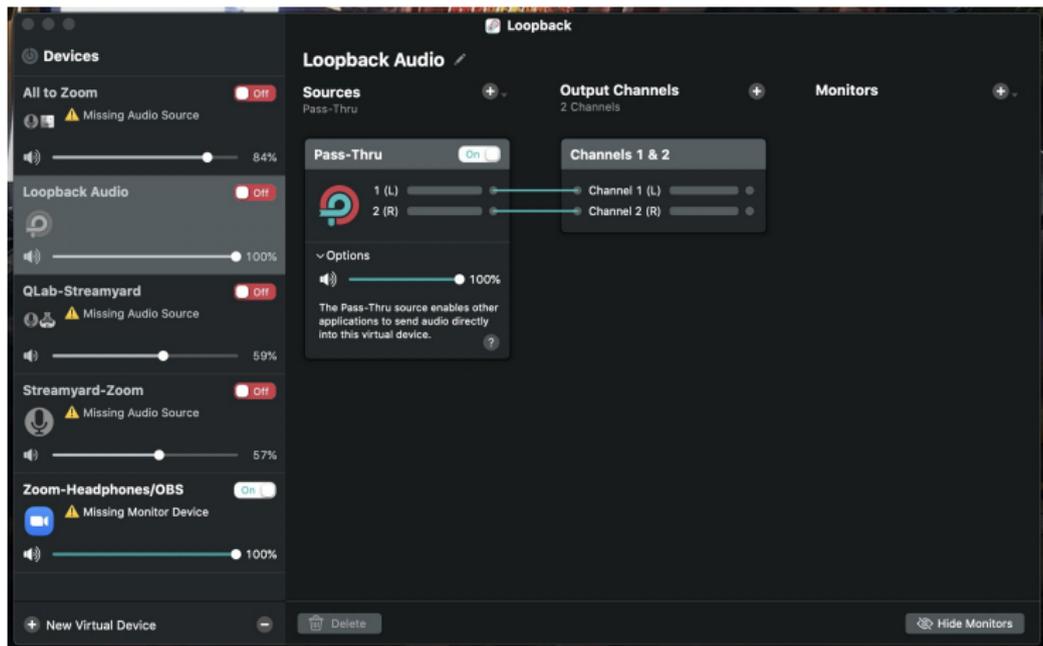


Figure 16: Loopback After Installing

Setting Up Loopback

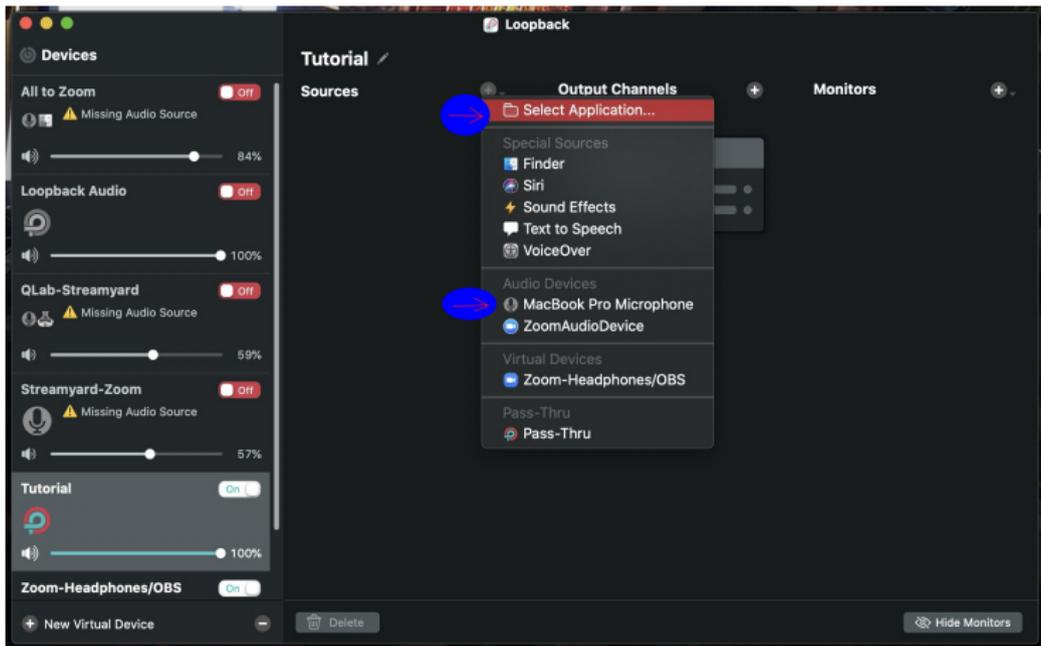


Figure 17: Adding QLab and Microphone as Audio Sources

Setting Up Loopback - Final Product

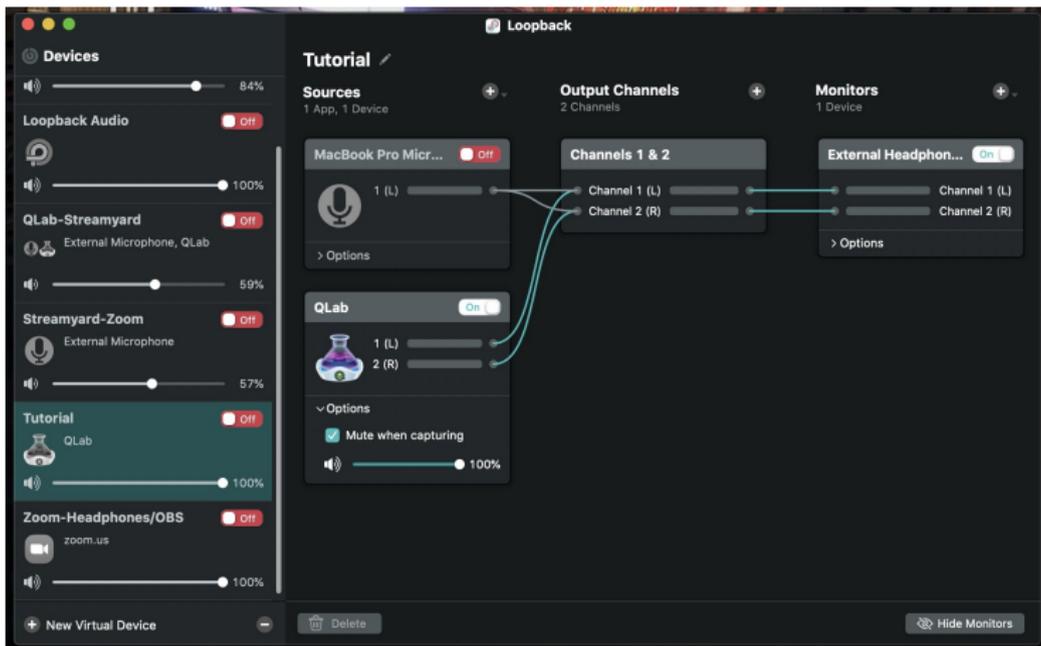


Figure 18: What Loopback Looks Like When It's Ready

Setting Up Loopback - Diagram of What's Happening With Audio Streams

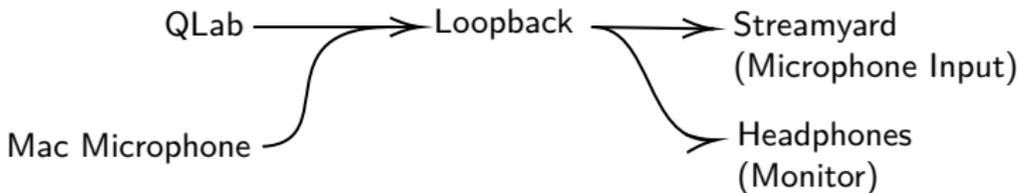


Figure 19: What We Are Doing In Loopback

Streamyard Setup - Making a Broadcast

The screenshot shows the Streamyard web interface in a Brave browser window. The page title is 'Streamyard' and the URL is 'https://streamyard.com/teams/FkZPG7s6L2g26pDYWkdQVak/broadcasts'. The left sidebar contains navigation options: 'Broadcasts', 'Videos', 'Destinations', and 'Members' (with a 'NEW' badge). The main content area is titled 'Broadcasts' and has tabs for 'Upcoming' and 'Past'. A 'Create a broadcast' dropdown menu is open, showing options for 'New broadcast' and 'Use pre-recorded video' (with a 'NEW' badge). Below the dropdown is a table of broadcasts:

	Created	Scheduled	
Learn more about pre-recorded broadcasts	Feb 8, 09:19 PM	Feb 15, 09:00 PM	Enter studio ⋮
VIC TD TEST	Feb 8, 07:54 PM	—	Enter studio ⋮

Figure 20: Creating a Test Broadcast (1/2)

Streamyard Setup - Making a Broadcast

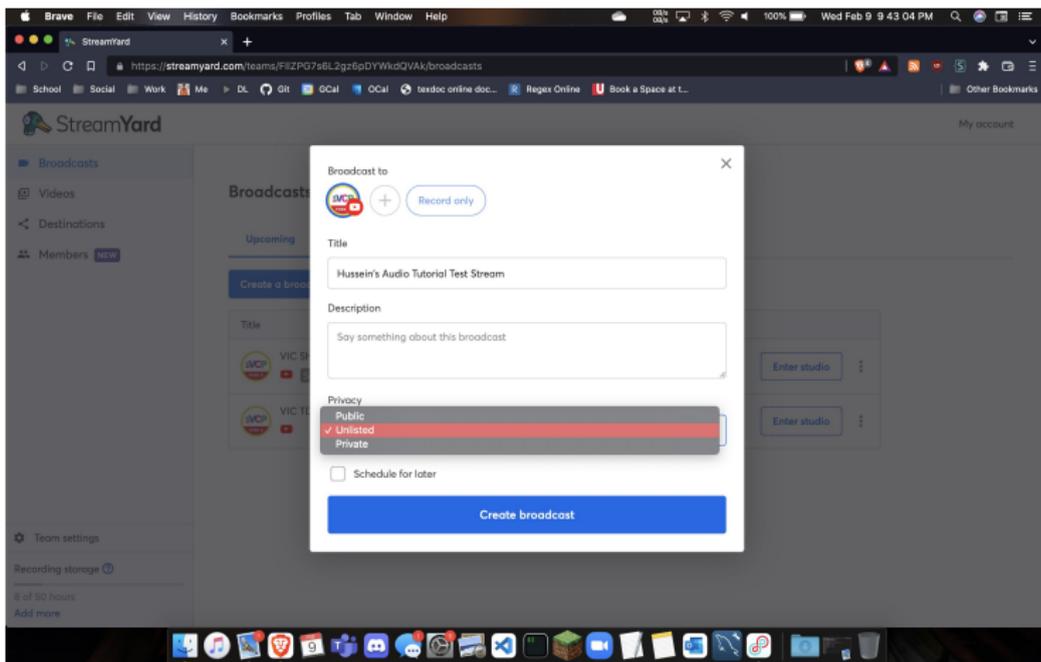


Figure 21: Creating a Test Broadcast (1/2) - Set tests as unlisted!

Streamyard Setup - Joining a Broadcast

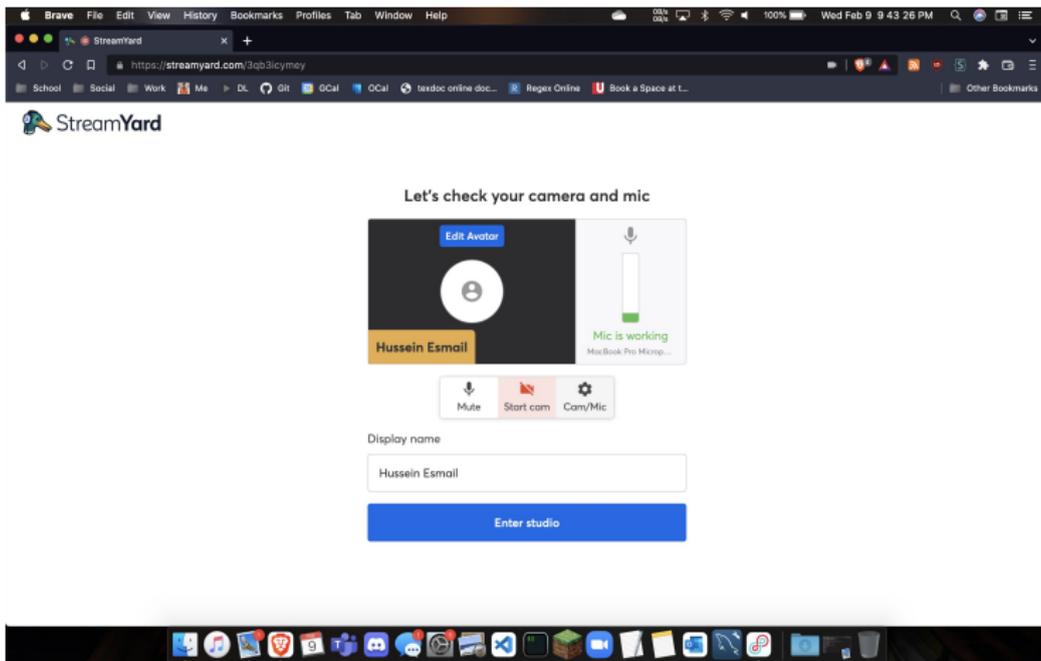


Figure 22: Having the Correct Microphone (1/3)

Streamyard Setup - Joining a Broadcast

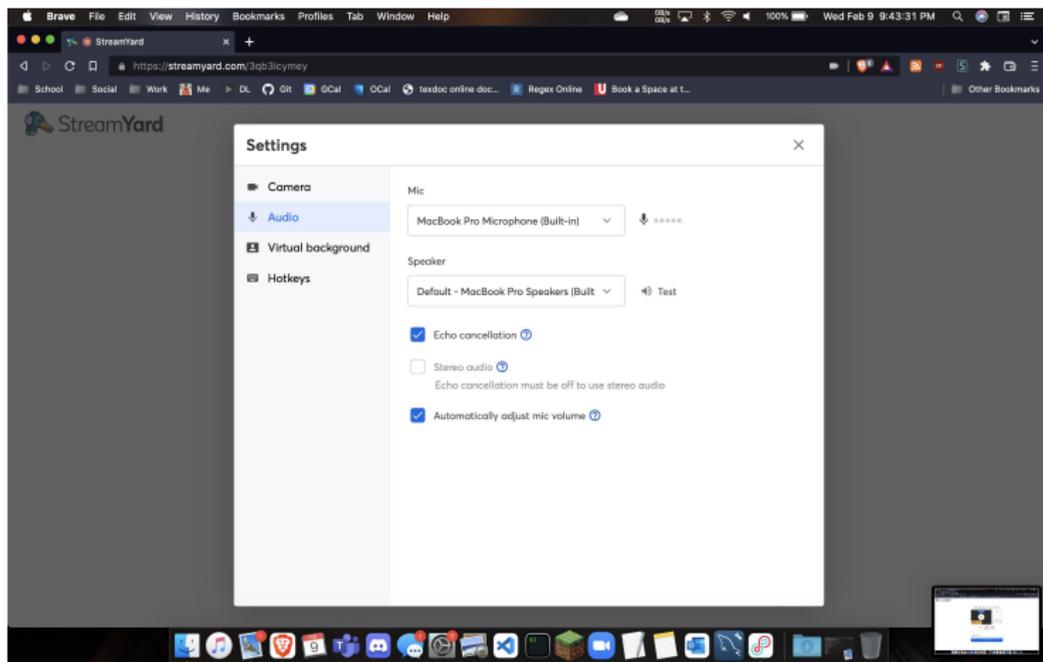


Figure 23: Having the Correct Microphone (2/3)

Streamyard Setup - Joining a Broadcast

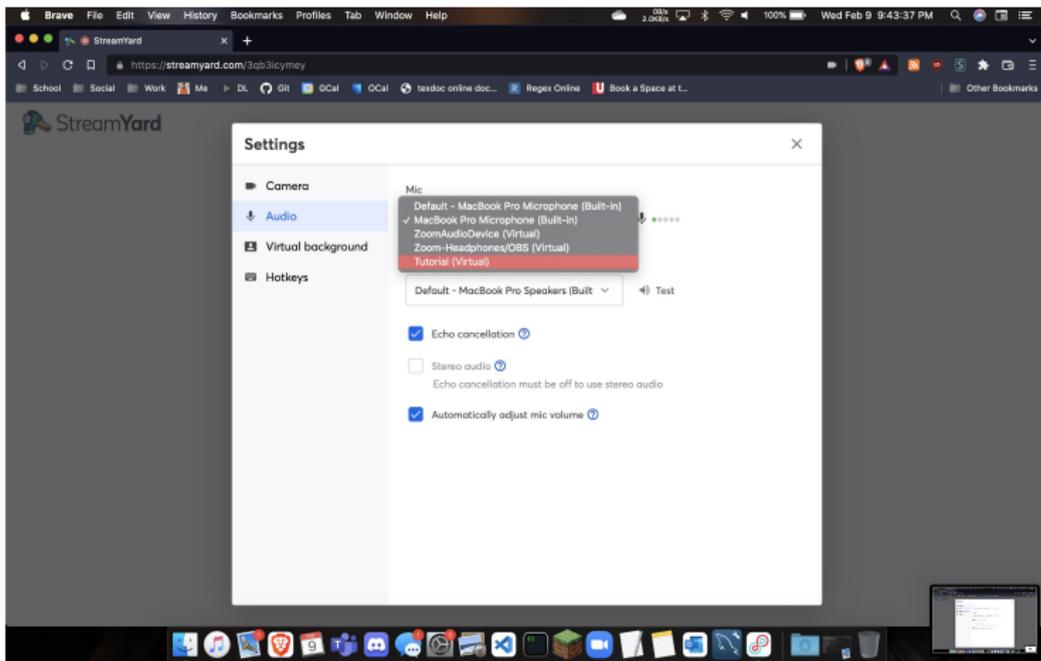


Figure 24: Having the Correct Microphone (3/3)

Streamyard Setup - Joining a Broadcast

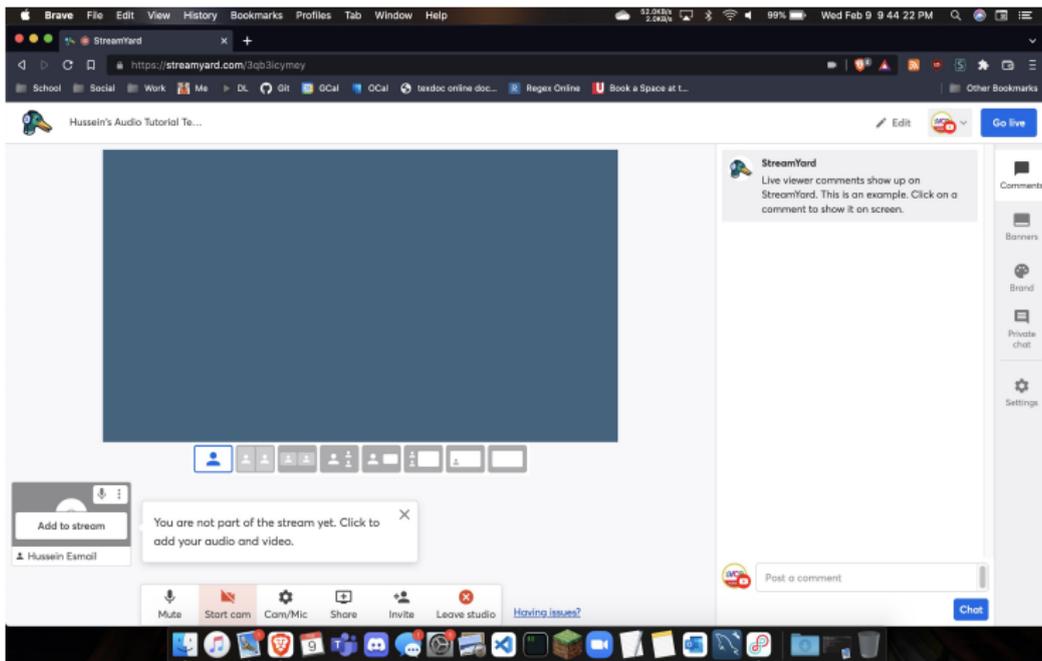


Figure 25: Adding Yourself To The Stream

Streamyard Setup - Joining a Broadcast

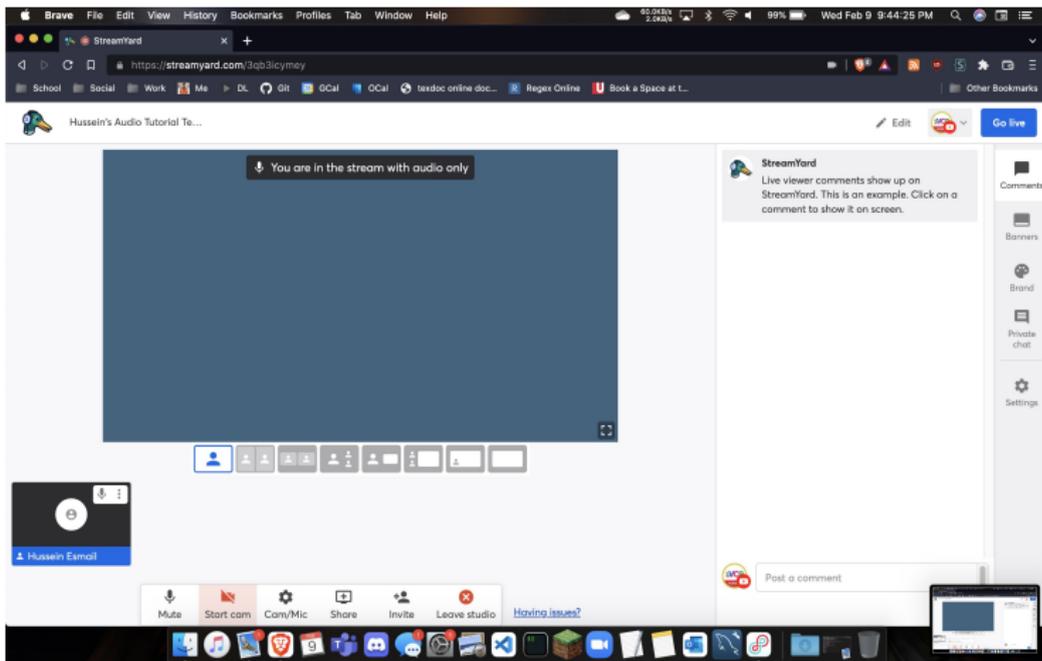


Figure 26: Make Sure Your Camera Is Off

Streamyard Setup - View The Broadcast On YouTube

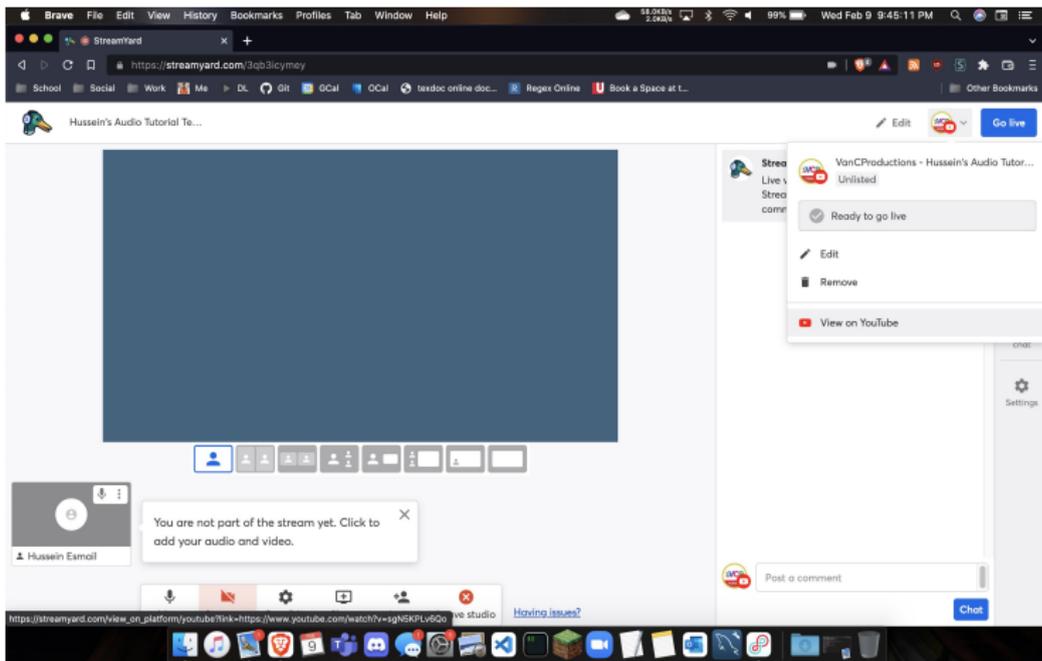


Figure 27: Logo in top-right corner > View on YouTube

Contact



Figure 28: <https://husseinesmail.xyz/contact/>