

User Manual: Instructions for a Streaming Platform (MultiAdvancedFlow)

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1 Introduction

MultiAdvancedFlow is a platform designed to enable real-time content sharing and receiving. This manual provides a step-by-step guide for configuring your device to send and receive streams and managing your personal media library.

- Audience: End users and content creators using the web interface.
- Scope: Daily tasks, screen navigation, practical tips.
- **Note**: Technical deployment and administration details are covered in the Reference Manual.

2 Getting Started

Once the app has been started via docker compose, open your browser and go to http://localhost, the main page will appear:

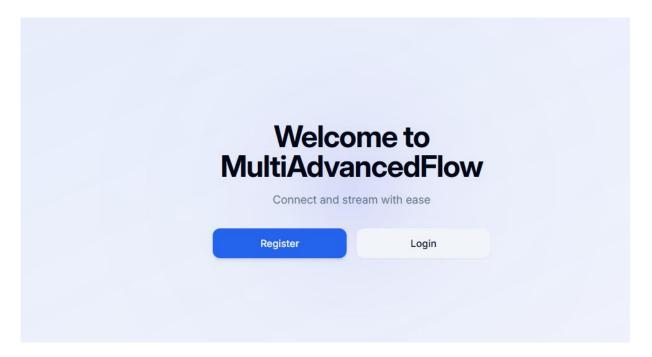


Figure 2-1 starter menu

Click **Register** to create an account, or **Log In** if you already have one. After logging in, you will reach the **Dashboard**.

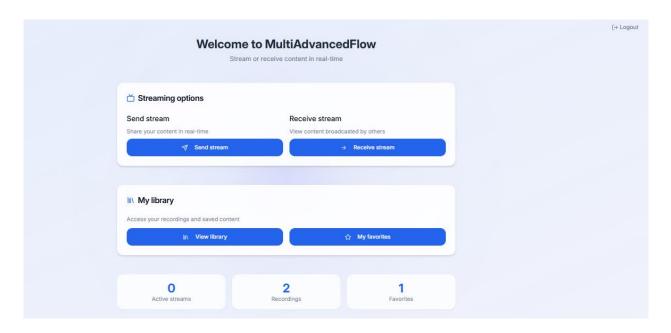


Figure 2-2 main menu

Once you do the registration it will be recommended to follow the next steps in order to achieve a good control of the platform

3 Interface overview

Area	Purpose
Bottoms	Access to Streams options (Send and
	Receive), Library, Favourites, Log Out. Back
	button in each view to come back to the
	previous page.
Dashboard Counters	Displays number of active streams and your
	total recordings.
Status Bar	Real-time notifications (e.g., "Recording
	started").

3.1 MAIN SCREENS

Now it will be explained in detail all the aspect and functions that we can use with our platform

3.1.1 DASHBOARD

Main hub with shortcuts and live counters.

3.1.2 SEND STREAM

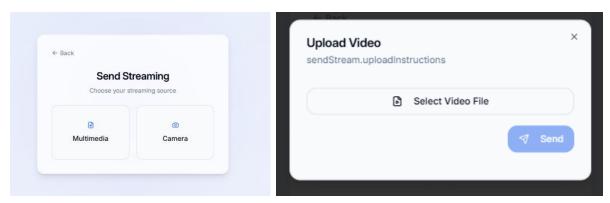


Figure 3-1 Streaming tap

Figure 3-2 Upload content tab

Upload a video file from your local directory and broadcast it live.

Please, note that at this moment is not possible to send live streaming from this page, so that the only option available is the 'Multimedia' one.

3.1.3 STREAMS

List of currently active live channels.

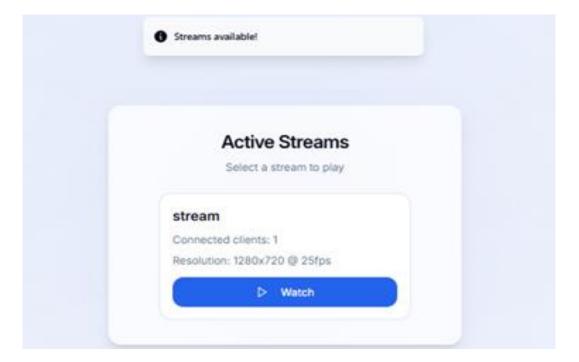


Figure 3-3 Notification to confirm to play a stream

The stream selected will be reproduced once the 'Watch' button is selected.

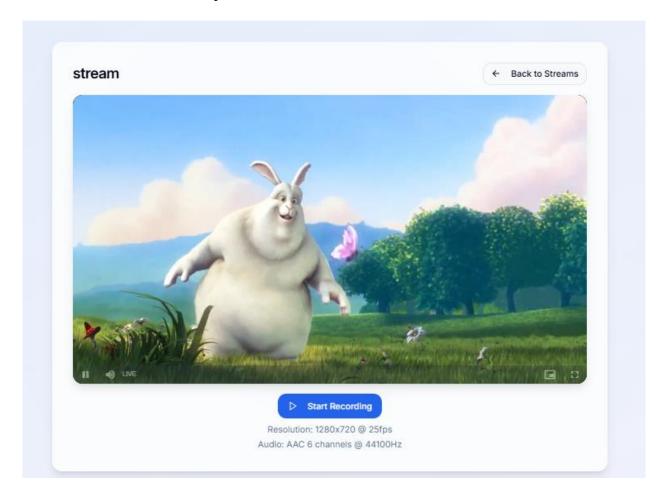


Figure 3-4 Result of play any stream

3.1.4 LIBRARY

The library page shows all the recordings associated to the given user.



Figure 3-5 Library Menu

This page includes a refresh button and options to Play, Delete and Mark recording as favourite. Once the 'Play' button is selected, the recorded video will be reproduced, with options to stop, go back or view in full screen.

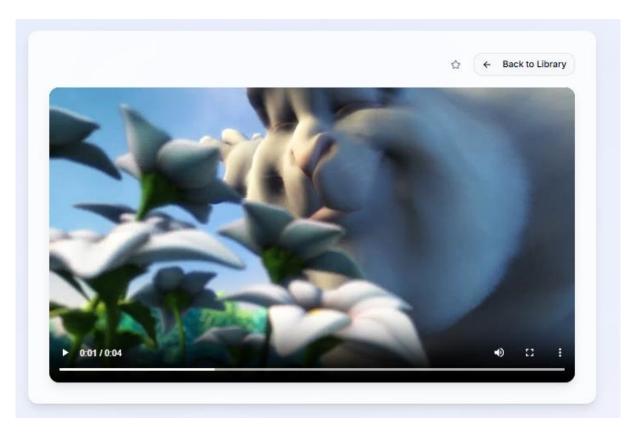


Figure 3-6 media controls to play video

3.1.5 FAVOURITES

Subset of your Library marked with ★.

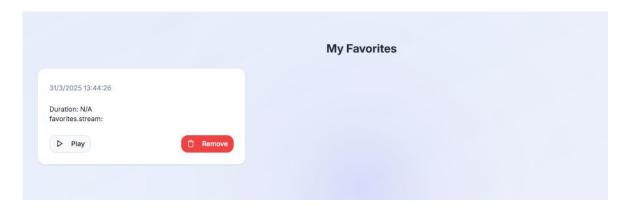


Figure 3-7 favourites of the library

3.2 COMMON TASKS

3.2.1 REGISTERING AN ACCOUNT

- Click Register.
- Fill in Username and Password.
- Press Create Account. You will be redirected to the login page.

3.2.2 LOGGING IN

- Enter your credentials on the login page.
- Click Log In.

3.2.3 STREAMING A VIDEO (SEND STREAM)

- From the Dashboard, click **Send Stream**.
- Press Choose File and select an MP4/MOV \leq 2 GB.
- Click **Start Streaming**. A progress bar will appear; once completed, viewers will find your stream under **Streams**.

3.2.4 STREAMING A REAL TIME FLOW (LARIX OPTION)

It is still not possible to send a real-time streaming from the app, but it is possible to send it via an external device to the NMS server and it will be available in the app to be accessed. We recommend **Larix mobile app** to send RTMP streams to the NMS server.

Once the NMS server receive the RTMP flow, it is converted to HLS so the app can access to this stream in real time.

- From Larix, go to Configuration -> Connections -> Add Connection.
- Put in the URL field: rtmp://<your device's IP>:1935/live/<stream name>. The IP has to be the one of the devices where the app (and so the NMS) is running.
- Go to the main page and start the transmission.
- The stream will be available in the app to be reproduced (please see 3.2.5.)

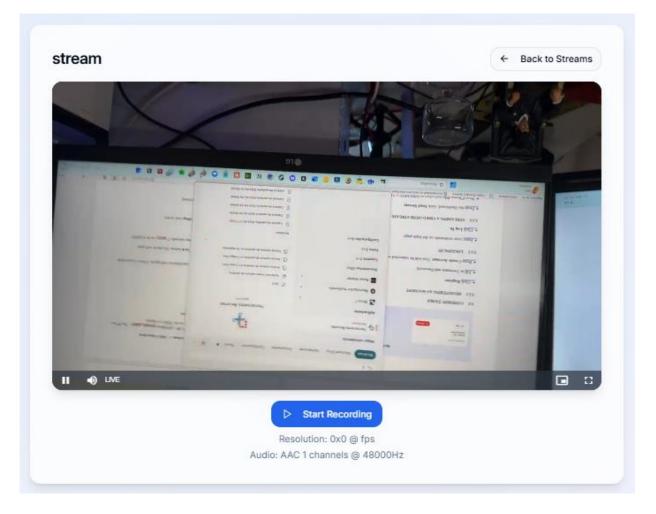


Figure 3-8 Play of a stream in another scenario

3.2.5 WATCHING A LIVE STREAM

- Go to Streams.
- Streams will appear in the **Active Streams** card (arrows will appear if there is more than one stream active).
- Once selected the stream and clicked the **Watch** button, the player will open.
- Please, take into account that it may take some seconds (5 approx.) to be available.

3.2.6 RECORDING A STREAM

- While watching a stream, click **Start Recording** (red circle).
- Press **Stop Recording** to finish.
- The file will appear in the library after processing.

3.2.7 MANAGING RECORDINGS

• Play: Opens the player with forward/rewind controls.

• **Delete**: Moves the recording to the trash after confirmation.

• Favorito: Toggle the ★ mark; it will appear under Favourites.

4 Troubleshooting (User)

Symptom	Possible Cause	Quick Solution
Video stutters	Insufficient bandwidth	Pause other uploads;
		≥5 Mbps recommended
Cannot log in	Incorrect credentials	Reset your password or
		register again
"Invalid token"	Session expired	Click Log In again
Recording not showing up	Processing delay	Refresh the Library after one
		minute
Streaming not showing up	Processing delay	Refresh the Stream page after
		5 seconds

5 Frequently Asked Questions (FAQ)

— Q: What formats can I upload?

A: MP4 (H.264/AAC) or MOV up to 2 GB.

- Q: Can I stream directly from my webcam?

A: Not yet; currently only video upload and rebroadcasting is supported.

— Q: Where are my recordings stored?

A: On the server disk and linked only to your account.

6 Support

If you encounter issues not covered here, open a ticket via GitHub Issues or email support: support@multiadvancedflow.example

Include logs from **Settings** \rightarrow **Export Logs** (*coming soon*).