



USER MANUAL

CREATE CONNECT PRESENT

VERSION 1.5 · MAC & WINDOWS

How we built Quantaflex – and why

The frustration

Modern media work had become unnecessarily fragmented. People needed five or six apps to communicate, prepare media, present content and share the result.

Each platform brought its own login, interface, update cycle, subscription and compatibility rules. The work was often straightforward; the technical friction was not.

The pain points we kept seeing

- Unreliable headphone, microphone, camera and device connections.
- Dropped calls when bandwidth or network conditions changed.
- Outdated software and compatibility problems.
- Disconnected tools and expensive subscription stacks.

A modular approach

We built Quantaflex as a modular media platform: practical tools that work well on their own and make more sense together.

You choose the modules you need and keep control of your tools, without organising your day around disconnected platforms.

Our aim is simple: less friction, fewer surprises, and more time creating, communicating and delivering.

Before you install

Mac: Requires Apple Silicon (M1 or later), macOS 11 Big Sur or newer. Not compatible with Intel-based Macs.

Windows: Windows 10 or 11, 64-bit.

WELCOME

One studio. Six modular workflows.

Home cinema, social video, face-to-face calls, online teaching, encoding and media analysis, together in one premium desktop studio for Mac and Windows.

COLOUR LANGUAGE

ORANGE	Selector
GREEN	Live / Connected / Import
RED	Close / Clear / Stop Presenting



KINEPLEX

Home theatre with a personal film library that remembers where you stopped.



FLEXCAM

Social video edit & posting suite: cut, title, brand and post.



CAM2CAM

Direct HD video calls with studio-quality background effects.



PRO ONLINE LEARNING

Present PowerPoint and PDFs to your learner, live.



ADVANCED ENCODER

Encode, compress, convert and record in professional formats.



MEDIA INSPECTOR

A clear technical report on any video or audio file.

Install & activate

MAC Quantaflex for Mac is signed with an Apple Developer ID and notarised by Apple.

WINDOWS Quantaflex for Windows is signed by Qabalah Limited.

Download Quantaflex only from shop.quantaflexmedia.com.

Mac

- 1 Open the **.dmg** and drag Quantaflex into **Applications**.
- 2 Open Quantaflex and allow the **camera** and **microphone**.
- 3 To present PowerPoint, allow **Screen & System Audio Recording** in System Settings > Privacy & Security, then reopen Quantaflex.

Windows

- 1 Run **Quantaflex x64-setup.exe**, signed by Qabalah Limited.
- 2 If Windows says "Windows protected your PC", choose **More info > Run anyway**.
- 3 Open Quantaflex and allow the camera and microphone.

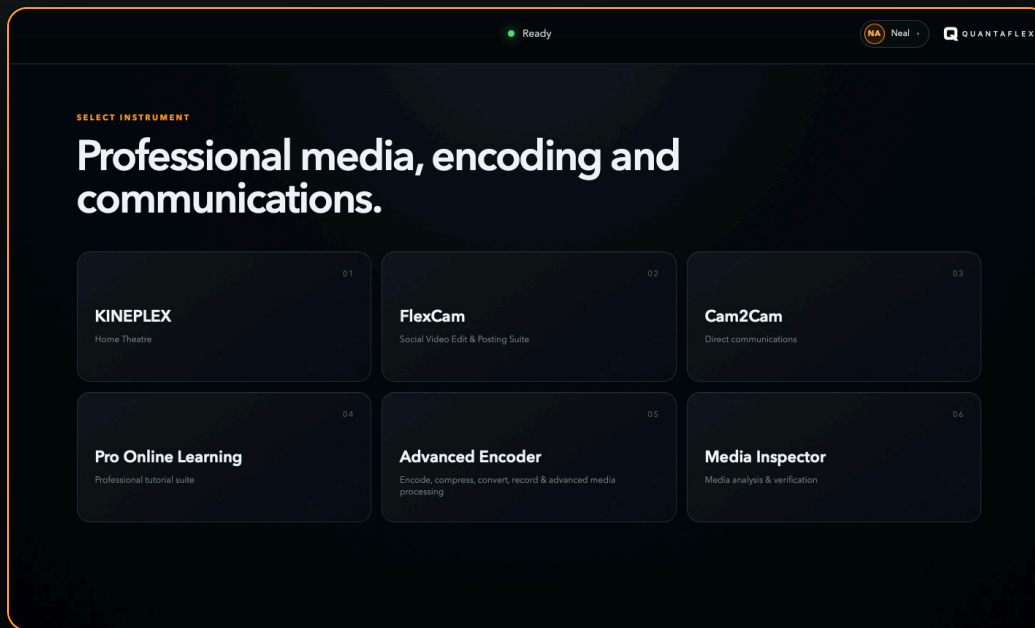
Your licence

- 1 Create your profile with the **email you bought with**.
- 2 Choose **Activate**: enter your **order number** (e.g. #1042, in your order email) and the same email. Activating straight after checkout? Use Shopify's **confirmation code**, e.g. **Confirmation #J65VNAFPZ**.
- 3 With a three-module licence, choose your three modules. Your choice is kept for every reinstall.

THE STUDIO

Home screen

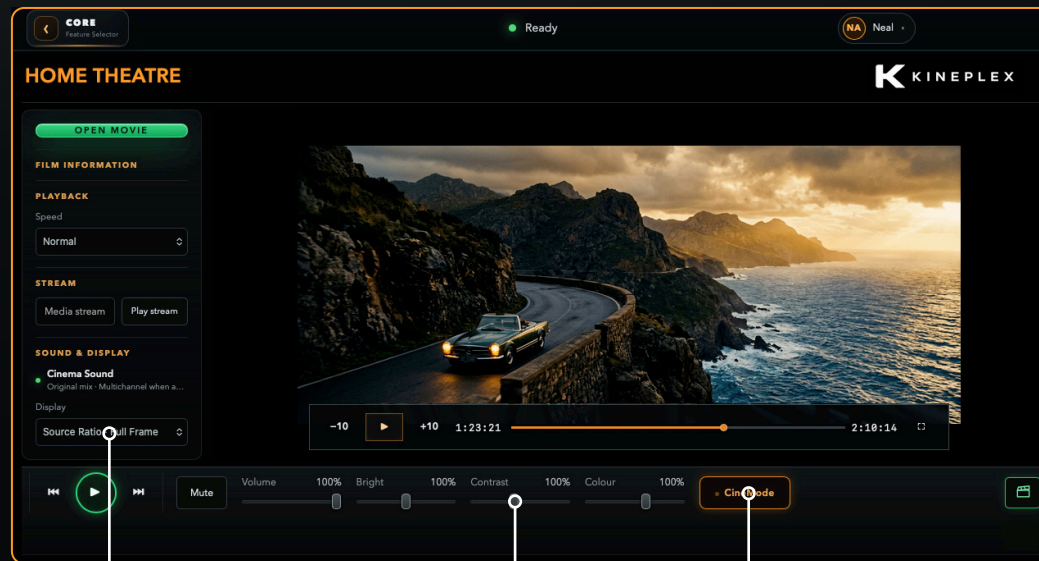
- Choose a module card to open it.
- **< CORE** (top left) or **Esc** returns here.
- One feature runs at a time: a film pauses when you leave Kineplex, and the camera turns off when you leave a call workspace with nobody connected.



HOME THEATRE

Kineplex

- **Open movie** (green) opens any film.
- Move the mouse over the picture for play, ± 10 seconds, the progress bar and **fullscreen**.
- The **red square** stops the film and clears it.
- Volume, brightness, contrast, colour and **CineMode** are on the bar below; speed and display ratio in the left panel.



Display ratio

Fit the picture to your screen.

Contrast

Adjust light and dark tones.

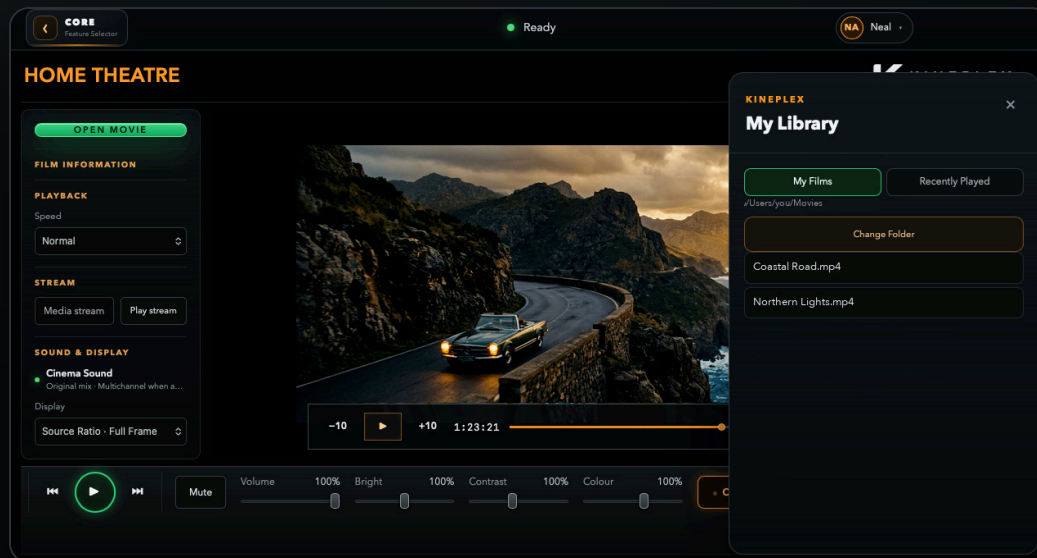
CineMode

Apply a cinema picture preset.

HOME THEATRE

My Library

- Press the green **clapperboard** (bottom right).
- **My Films:** choose your films folder once with **Choose Folder**, then pick a film.
- **Recently Played:** your last ten films. Choose one and it carries on where you stopped.

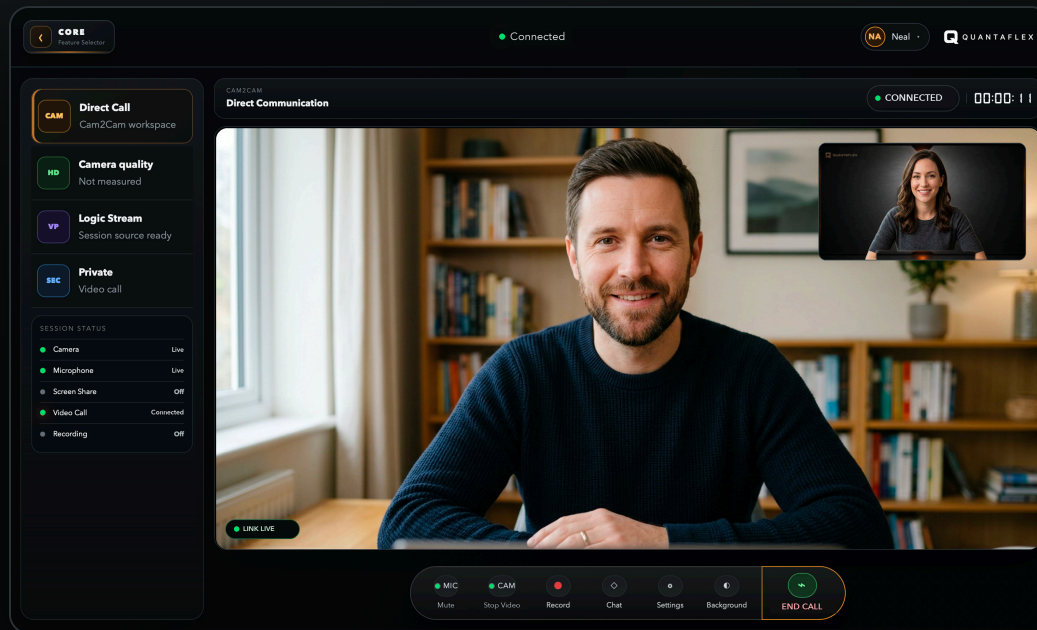


VIDEO CALLS

Cam2Cam

- 1 Press **Start Call**: the panel shows your **room code**.
- 2 **Copy Room Code** and send it, for example by WhatsApp.
- 3 The other person chooses **Join Call** and pastes the code. While you wait, **Show Room Code** brings it back.

Calls run in high definition, up to 1080p.



VIDEO CALLS

Background

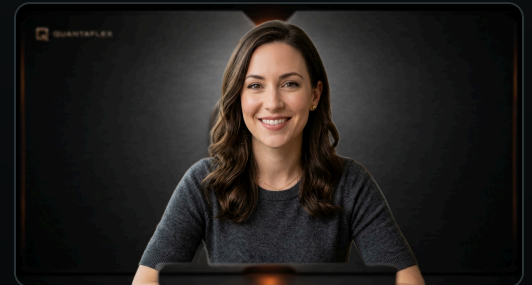
Press **Background** and choose:

- **Blur**: softens the room behind you.
- **Choose Background**: your own picture.
- **None**: turns it off.

Your choice applies in Cam2Cam and Pro Online Learning.



BLUR



CHOOSE BACKGROUND

ONLINE LEARNING

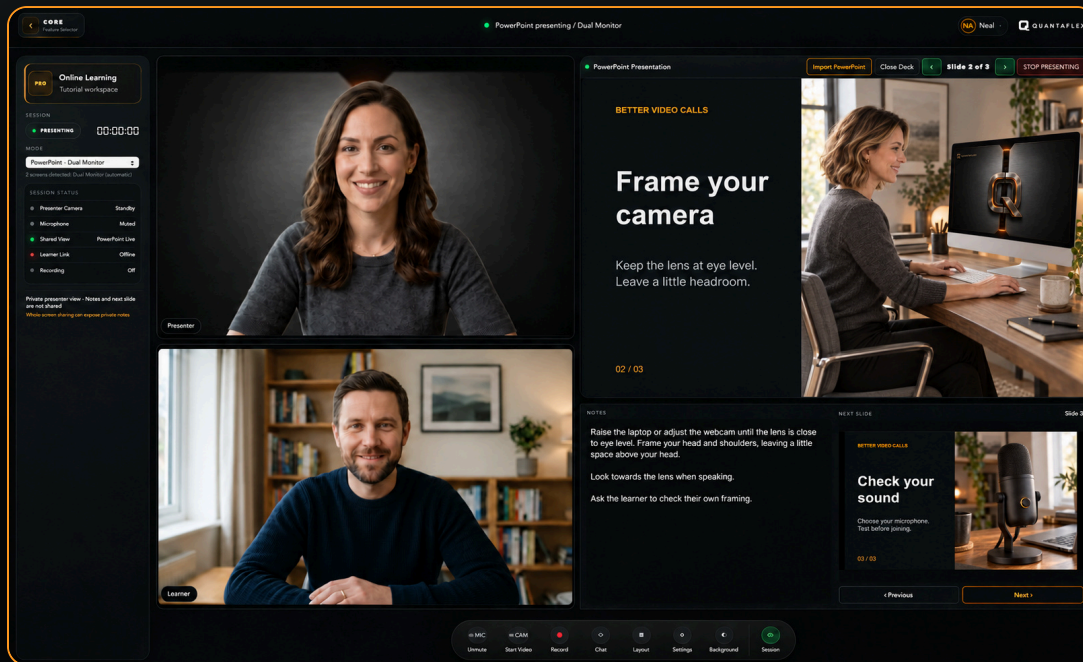
Presenting PowerPoint

- **Import PowerPoint**, then **PRESENT**. Quantaflex picks **Dual Monitor** or **Single Laptop** to match your screens.
- Your **notes** and **next slide** stay private: your learner sees only the slide.
- **STOP PRESENTING** ends the slideshow; **Close Deck** clears it.

Choose your view

Layout changes the arrangement. Choose **Share Focus** to prioritise the shared screen.

The shared-information **fullscreen** control enlarges the presented slide.



ONLINE LEARNING

Presenting PDFs

- **Open Document**, then the green **START PRESENTING**. It turns red, **STOP PRESENTING**, while live. Only the page is shared.
- Open another document while presenting and your learner sees it at once. **Close Document** clears it.
- Your learner can present back the same way; whoever presented last is shown.



PRESENTER



LEARNER

VIDEO EDITING

FlexCam Build your edit

Import

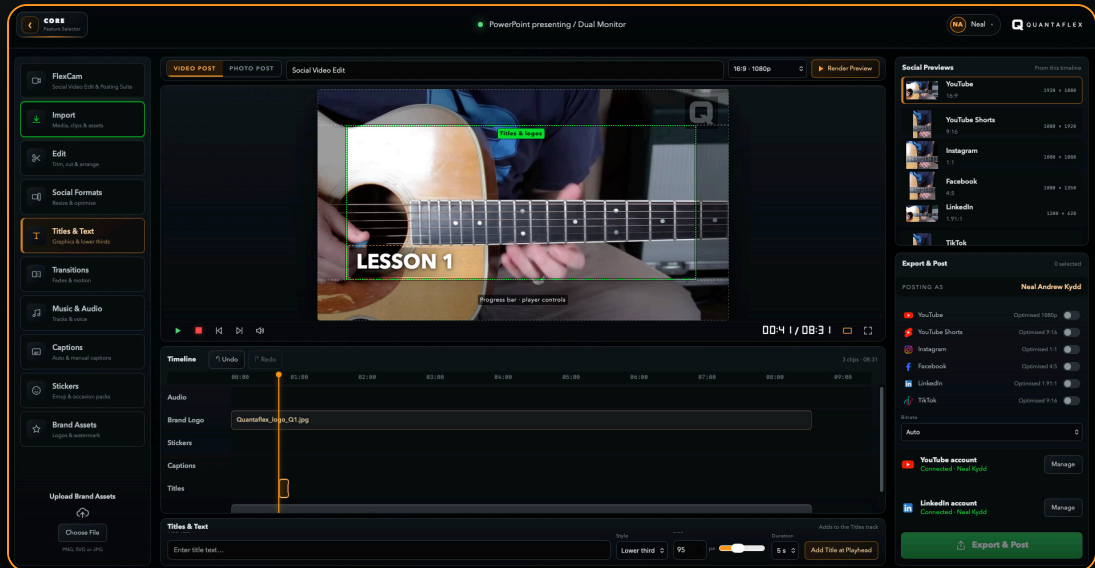
Name your project. Choose **VIDEO POST** and import your clips.

Arrange

Place clips on the timeline in the order you want.

Trim & split

Select a clip, then move the playhead inside it.
Use **Trim Start**, **Trim End** or **Split**.



VIDEO EDITING

Format & finish

Frame each version

Choose a format in **Social Previews**. Check the crop before exporting.

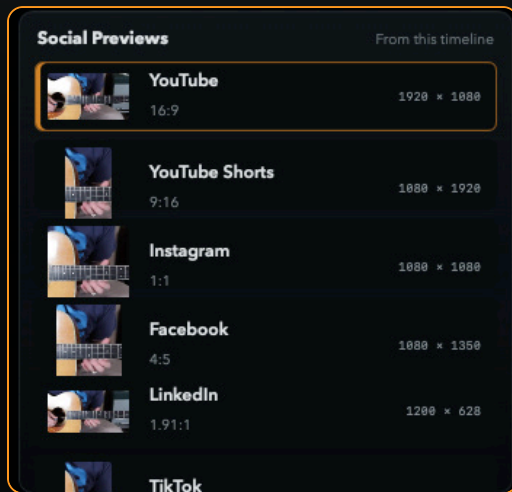
Add your finish

Use **Titles & Text**, **Brand Assets**, **Music & Audio** and **Captions** as needed.

Check the result

Keep titles inside the guides. Use **Render Preview** to review the finished edit.

PHOTO POST creates still-image posts.



One edit, several formats

16:9 · YouTube

9:16 · Shorts & TikTok

1:1 · Instagram

4:5 · Facebook

1.91:1 · LinkedIn

Export & publish

Select your destinations

Turn on the formats you want in **Export & Post**.

Confirm your post

For a connected account, enter the title and visibility. Confirm the destination, then choose **Render & upload** or the LinkedIn posting action.

Review the result

Check the completed upload. Other selected formats are saved as files.

First connection? Follow the YouTube or LinkedIn setup pages next.

YouTube & Shorts

Uploads default to **Private**. Review visibility in YouTube Studio.

LinkedIn

Posts default to **Connections only**. Choose **Anyone** for a public post.

Saved files

Documents > Quantaflex Social Video > your project name

Connect YouTube



In your browser

- 1 Create a Google Cloud project.**
Open console.cloud.google.com and select or create a project.
- 2 Enable the YouTube API.**
In **APIs & Services > Library**, find **YouTube Data API v3** and choose **Enable**.
- 3 Set up Google Auth Platform.**
Complete **Branding** and **Audience**. For an External app in Testing, add your Google account as a test user.

Finish the connection

- 4 Create the Desktop app client.**
In **Clients**, choose **Create client > Desktop app**. Download the JSON credentials file.
- 5 Import the file in FlexCam.**
Under YouTube account, choose **Set up > Import downloaded file....** Alternatively, enter the Client ID and secret, then **Save & connect**.
- 6 Sign in and allow uploads.**
Use the Google account that owns your channel. Return to FlexCam and check **Connected** and the channel name.



Connect LinkedIn

In your browser

- 1 Open the Developer Portal.**
Go to linkedin.com/developers/apps. Select your app or choose **Create app** and complete its required details.
- 2 Add the two products.**
Under **Products**, request **Sign In with LinkedIn using OpenID Connect** and **Share on LinkedIn**. Wait for access to be available.
- 3 Copy the redirect URL.**
In FlexCam, choose **Set up** under LinkedIn account. Use **Copy** beside the displayed redirect URL.

Finish the connection

- 4 Register that URL.**
In your LinkedIn app's **Auth** tab, add the exact copied URL to the authorised redirect URLs and save.
- 5 Enter your client details.**
Copy the **Client ID** and **Primary Client Secret** from **Auth** into FlexCam. Choose **Save & connect**.
- 6 Sign in and allow posting.**
Approve the LinkedIn request in your browser. Return to FlexCam and check **Connected** and the member name.

MEDIA ENCODING

Advanced Encoder

- Choose a source and a professional delivery format, then encode.
- Watch progress live, then compare the result with the original.
- Your original file is never changed.

Advanced Encoder
Encode first - compare after completion

Source: /Volumes/NEAL/500GB/Media from Downloads/Video/XXX.mp4
Create a 720p proxy for lighter scrubbing if needed
QUANTAFLEX ENGINE: PROCESSED

Resolution: Match Source
Frame rate: Match Source
Quantity: Match Source
Balanced - CRF 24
[EXPORT] Calculate fingerprints every frame, then encode once - HEVC Main - 10bit 4:2:0, variable frame rate - Proxy

MP4 - HEVC 8.0k + AAC
Delivered 100% Data - proxy: 1000x1000 - 30fps - 8.000 x 4.000
Saved: XXX.mp4

Native master verification: ☒
Frame cap: All

START ENCODE

► Camera & native tools

Encoding Monitor

IMPORT MEDIA CREATE PROXY Comparison Suite OUTPUT FORMAT: MP4 - HEVC 8.0k + AAC VIEW INFO DETAILED LOGS QM2 Backup and restore control panel

Output already exists. Choose a new filename; existing files are never overwritten.

SOURCE MONITOR: MP4 - 6.50 MB
0:10 10:00 0:04 / 0:08

FORMAT	RES	RES	ENCODING	STATUS	ENCODING FPS	TIME
QV3 Native	650 res	228 res	6490 %	FRAMES PASS	9 178 FPS	00:00:02

11:22:44 AM Output selected: /Volumes/NEAL/500GB/Media from Downloads/Video/XXX.mp4
11:22:44 AM Input encode started
11:22:44 AM Quantaflex engine / decide / fingerprint completed; single encode verified by delivered frame count and format
11:22:44 AM Encode completed
11:22:44 AM Delivered: HEVC Main - proxy100 - 1000x1000 - 30 fps - 8.000 x 4.000 - no audio

Media Comparison

Open Comparison Suite

After encoding, choose **Comparison Suite**. Your selected original and completed output load into the two monitors.

Choose your view

Use **Side by side**, **Split comparison**, **Source focus** or **Output focus**.

Link playback

Keep **Linked playback** on to play, pause and seek through both files together. Compare detail, motion and colour.

Review & return

Check the file sizes and processing status.
Choose **Encoder Workspace** to return.

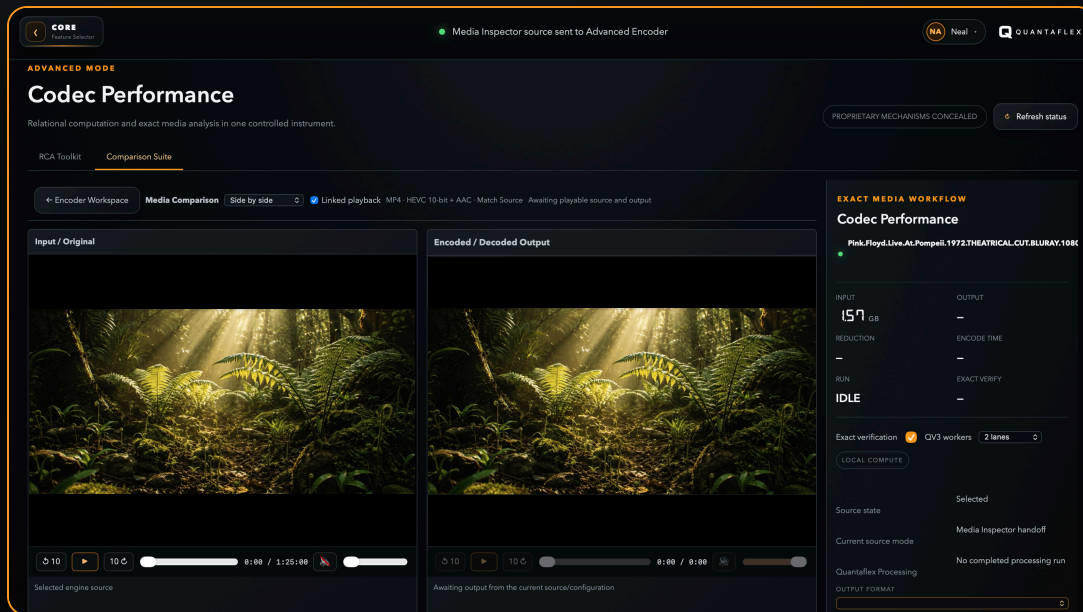


Illustration: matched frames in the original and encoded output monitors.

Media Inspector

Know what is inside a file before you edit, encode or share it.

Open Media

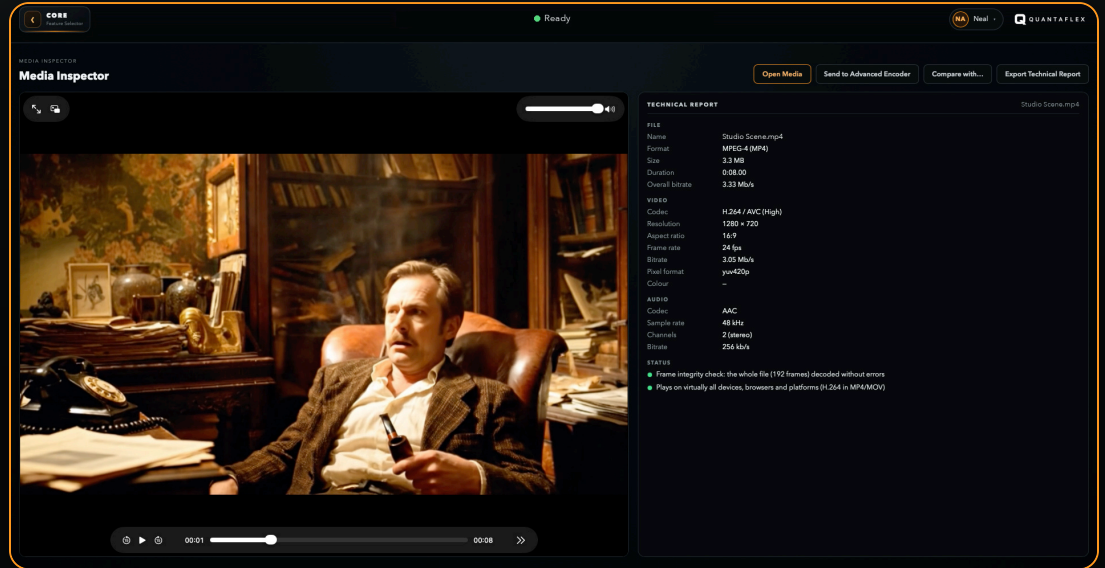
Read its codec, resolution, frame rate, bitrate and audio details. Check frame integrity.

What to check

- **Codec:** the .mp4 extension alone does not tell you how a file is encoded.
- **Frame rate:** compare it before combining clips.
- **Audio & bitrate:** check the channels and source quality before delivery.

Choose your next step

Send to Advanced Encoder, Compare with... or Export Technical Report.



System requirements

Desktop

Mac	Apple Silicon (M1 or later), macOS 11 Big Sur or newer. Intel-based Macs are not supported.
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Windows	Windows 10 or 11, 64-bit
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Disk space	About 500 MB, plus your media
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Connected workflows

Camera & mic	Built-in or USB webcam and microphone
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Internet	For activation, calls and posting
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Troubleshooting

Camera or microphone unavailable

Allow Quantaflex access in privacy settings, then reopen the app.

Slides not visible on Mac

Allow **Screen & System Audio Recording** for Quantaflex, then reopen it.

Licence not applied

Use the purchase email and order number. A checkout confirmation code can also be used.

YouTube not connected

Check that the OAuth client is a **Desktop app** client. Re-enter its details or import the downloaded JSON, then try again.

YouTube upload stays private

Check visibility in YouTube Studio. Google can restrict uploads from unaudited API projects to Private.

Sharing another application

Choose **Shared Screen** and the required window. Avoid sharing the Quantaflex window.

Support: support@quantaflexmedia.com