



User Guide

Live Monitoring · Stream Overlays · Track Logging

Document version: Deckovio 1.5.0



Deckovio in Night mode with a simulated Pioneer setup

LIVE	STREAM	LOG
Keep the active track, BPM, artwork and Camelot guidance in view.	Use running_track.png and running_art.png directly as image sources.	Record track changes with relative timestamps in daily files.

Deckovio reads compatible DJ devices on the local network. It changes neither playback nor device settings.

01 Installation & Quick Start

Two distribution channels, the same settings and the same Deckovio licence.

Choose an installation

MICROSOFT STORE Install from the Store. Updates arrive automatically or via Library > Get updates. Deckovio has no separate updater.	DESKTOP-SETUP Run the official Deckovio-Setup-<Version>.exe. It updates only the desktop edition in Program Files.
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Important
The Store and desktop editions are separate installations. Run only one for live monitoring because both can use the same device ports and output files.

Ready in four steps

1 Install Windows 10 Build 15063 or later / Windows 11.	2 Choose output At first launch, use Use Documents or Browse.	3 Check licence Open License; Simulation remains available without a licence.	4 Connect the DJ network PC, mixer and players on the same private network.
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Initial output folder

Default	Files created	Change later
Documents\Deckovio	running_track.png · running_art.png · track_log_YYYYMMDD.txt	Settings > Configure output folder...

Before the first live set

- Allow Deckovio through the Windows firewall on private networks; keep public networks blocked.
- Assignment is automatic in all-Pioneer or all-Denon setups.
- For a hybrid setup, open Settings once and assign the channels unambiguously.
- Simulation can be tried without a licence, but it writes no public PNGs or log files.

02 Main view at a glance

The essential live data stays visible without cluttering the mix.



Sample data from Simulation mode; real devices use the same display

Area	Meaning	Area	Meaning
Monitoring	Pulsing green = process running; red = inactive.	Album artwork	Square in the header. Hidden when space is tight or no artwork is available.
Logging	OFF, ARMED, RUNNING or INPUT STALE.	Running Track	BPM on the left; artist and title directly above the active player.
DJ-Setup	Players by ID from left to right, mixer in the centre, routing below.	Camelot	Current key in the centre; lower steps to the left, higher steps to the right.
Log area	Shows the latest entries in the current recording.	Settings	Display, scan, assignment, diagnostics and output folders.

Reading Camelot correctly

Green marks easy transitions; red marks deliberately contrasting ones. The centre tile combines Same Key and the A↔B Mood Swap. This is a decision aid, not a substitute for cueing and musical judgement.

03 Devices, Network & Assignment

Deckovio listens on the private DJ network and does not control playback.

Signal flow



Automatic assignment

Setup	Rule
Pioneer only	The Pro DJ Link player ID is authoritative: Player 2 belongs to mixer channel 2.
Denon only	Default: Player 1 A/B to CH1/CH2, Player 2 A/B to CH3/CH4.
Hybrid	Automatic assignment stops. In Settings, assign each source as DENONn-A/B or CDJn to a channel, then select Save Hybrid Assignment + Start.

Supported device illustrations

Mixer	Player
DJM-900NXS · DJM-900NXS2 · DJM-A9 · DJM-V10 · DJM-V5 · DJM-750MK2 · X1850 · X1800	SC5000 · SC6000 · CDJ-2000NXS · CDJ-2000NXS2 · CDJ-3000 · CDJ-3000X · XDJ-1000MK2

Network ports

Protocol	Ports	Purpose
Pioneer Pro DJ Link	UDP 50000–50002	Discovery and live status
Denon StageLinQ	UDP 51337–51338	Discovery, player and mixer state
Pioneer database	TCP 12523 + reported DB port	Title, artist and artwork from the source player

CDJ metadata

Database queries require an unused virtual player number from 1 to 4. The medium should be prepared with rekordbox and contain artwork. If all numbers are occupied, Deckovio cannot load metadata this way.

04 Licence & Simulation

Live monitoring requires a licence; Simulation remains available at all times.

ACTIVATE LICENCE

1 • Open License

Select Monthly or Yearly.

2 • Open portal

Select Request or pay for license and complete the process in the browser.

3 • Synchronise

Return to Deckovio and select Check license.

4 • Start live mode

After server confirmation, a new device scan starts.

LIFETIME TEST LICENCE

Use Redeem test licence. The code is single-use, installation-bound and can be revoked on the server. The signed online confirmation must be renewed regularly; there is no 24-hour grace period.

Deckovio — Simulation

Simulation

Close

Test data is generated in memory. The simulator never reads or writes live-device, track-log or output files.

DJ setup

Pioneer club · 4 decks

DJM-A9 with four CDJ-3000 players and regular track transitions.

Playback

Simulation running · 1 ×

Phase: Long blend · Players 1 + 2

Scenario time: 00:00:12

Start

Pause

Advance

Speed 1×

Reset

☒ Record simulated track log

The checkbox above controls the temporary display log. Live logging remains unchanged and its main control is unavailable while the simulation is active.

Stop simulation and return to live monitoring

Simulation: a separate control window beside the main view

Using Simulation

SETUP Pioneer Club · Denon Layers · Hybrid · Connection Recovery	PLAYBACK Start · Pause · Advance · Reset · Speed	SAFE Memory only. No device, licence, PNG or log changes.
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Offline behaviour

Licence type	Without internet
Monthly / yearly	The signed server expiry date remains valid. With 7 days remaining, License turns red. After expiry, a one-time 24-hour grace period follows; then only Simulation remains available.
Lifetime test	Valid until the end of the most recently confirmed signed period. No additional 24-hour period; a server revocation takes effect no later than then.

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05 Settings & Output Folders

All working data stays outside the installation folder.

Frequently used settings

DAY / NIGHT Switch the appearance immediately; the selection is saved.	LARGE TEXT Enable larger text for improved readability.	RESCAN Scan again after a device or network change.	DEBUG Show health, channel, player ID and last update.
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One base folder – three public outputs

running_track.png	running_art.png	track_log_YYYYMMDD.txt
600 × 100 px · transparent · artist + title	600 × 600 px · square artwork or transparent	Track changes with relative timestamps
Default Use Documents creates Documents\Deckovio. Configure output folder... changes the base folder later. Missing folders are created and checked for write access.		

Multiple folders only when needed

- Use separate folders for each output (advanced) enables separate destinations for the track PNG, artwork PNG and track logs.
- When switched back, all three outputs use the base folder again.
- Changing folders during a recording sends subsequent entries to a new log file in the new location; existing files remain.

Internal data

Edition	Internal user-data folder
Desktop	%LOCALAPPDATA%\Deckovio
Microsoft Store	%LOCALAPPDATA%\Packages\<PackageFamilyName>\LocalState\Deckovio

Do not move

Settings, status, cache and licence data belong in the user-data folder. Public overlays and logs belong in the selected output folder – never in Program Files.

06 Stream Overlays with OBS Studio

Deckovio creates ready-to-use PNG image sources that update under the same filename when the track changes.

Requirement

Public PNGs are written only during licensed live operation. Simulation deliberately leaves them unchanged. For an OBS test, use existing files or a live setup.

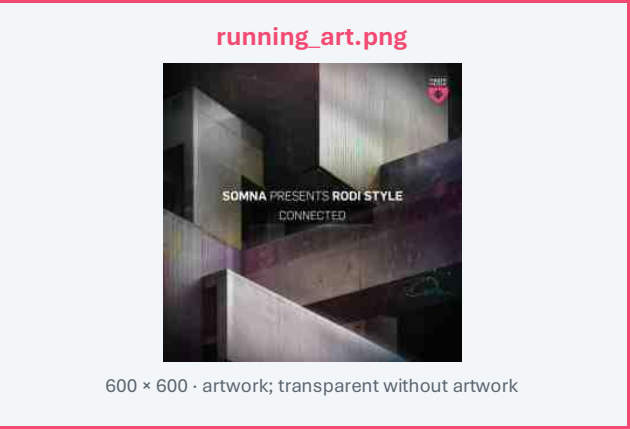
The two image sources

running_track.png



600 × 100 · transparent background

running_art.png



600 × 600 · artwork; transparent without artwork

Set up as image sources in OBS

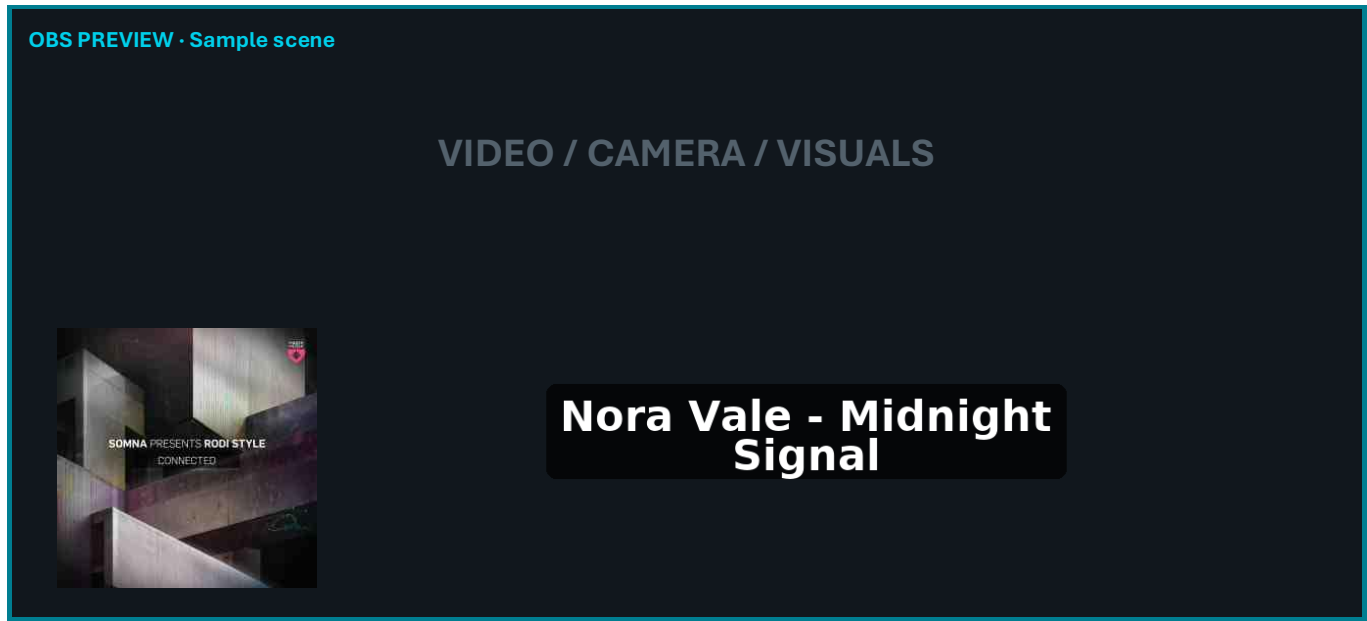
1 Open scene Select the desired OBS scene.	2 Add track Sources > + > Image; select running_track.png.	3 Add artwork Create a second image source for running_art.png.	4 Arrange Set size, position and layer order; lock the sources.
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- By default, the files are in Documents\Deckovio; with a custom configuration, use the folder shown in Settings.
- PNG supports transparency. The stream remains visible behind transparent areas.
- Unload image when not showing is optional. For permanently visible sources, the default Off setting can remain.

OBS reference: [Image Sources · obsproject.com/kb/image-sources](https://obsproject.com/kb/image-sources)

06A Practical OBS Example

Artwork at bottom left, track title beside it – Deckovio overwrites both automatically.



Sample position: artwork and track graphic remain separate OBS sources and can be scaled independently.

Layers in OBS

Top	Source	Why
1	Deckovio – Track (running_track.png)	Text remains visible even when it partly overlaps the artwork.
2	Deckovio – Artwork (running_art.png)	Scale as a square; do not stretch.
3	Camera / capture card / visuals	Scene background image.

Clean layout

FORMAT	POSITION	TRANSFORM
Scale artwork proportionally. Keep the track PNG wide.	Respect the safe area; do not cover important DJ or chat elements.	Hold Alt while dragging to crop; then lock the sources.

If OBS does not update

- In Deckovio, check whether the PNG timestamp and content change in the selected output folder.
- Check the file path in the image-source properties; OBS often still points to an old folder.
- Hide and show the source briefly, or confirm its properties. During scene changes, Unload image when not showing can help reload it.

07 Track Logging

A log entry is created exactly when the visible artist, title and processed artwork change.

1 LOGGING OFF No recording.	2 LOGGING ARMED Waiting for a valid track and an open channel.	3 LOGGING RUNNING The first entry has been written.	4 INPUT STALE No fresh resolver data; check the network.
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Example daily file

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Nora Vale - Midnight Signal - 00:00:00
Kinetic Avenue - Silver Lines - 00:00:12
The Pattern - Luminous - 00:00:22
```

What Deckovio records

- Only a track that the main view can display with artist and title.
- The change time relative to the first entry; each recording therefore starts at 00:00:00.
- For Pioneer, only after the full database query so that a database number never appears as the title.
- For Denon, also title changes when the firmware reuses the same track URI.

Filenames

Case	File
First recording of the day	track_log_YYYYMMDD.txt
Further recording on the same day	track_log_YYYYMMDD_1.txt, then _2 and so on.
Folder change during recording	Subsequent entries go to a new file in the new destination folder.

Display and log stay synchronised
Deckovio does not alter the existing track/artwork change for logging. The logger adopts only the already visible change and its time.

08 Updates, Data & Licence Protection

Program files, user data and public outputs remain deliberately separate.

Update channels

MICROSOFT STORE

A Store update replaces package files. LocalState, output folders and the licence cache remain when the Package Identity is unchanged.

DESKTOP-SETUP

A newer official setup EXE replaces Program Files\Deckovio. %LOCALAPPDATA% and outputs remain.

Desktop → Store

- At the first Store launch, existing desktop user data is copied once to LocalState.
- The direction is Desktop → Store only; there is no ongoing synchronisation afterwards.
- Remove the previous installation only after checking Store settings and licence synchronisation.

Uninstallation

Edition	What is removed?	What remains?
Microsoft Store	App package and LocalState	Public PNGs/logs; server-side subscription
Desktop	Program Files\Deckovio	%LOCALAPPDATA%\Deckovio; public PNGs/logs; subscription

Licence protection

- Installation ID, device binding and a signed server entitlement determine access.
- On Windows, DPAPI protects the local licence cache for the current user profile. Modified or damaged data is rejected.
- Microsoft Store and the Microsoft account do not issue, extend or revoke a Deckovio licence.
- Expiry, cancellation or revocation takes effect at the next successful synchronisation. Legacy offline licence files are not accepted.

Information & Legal

Click the Deckovio logo to open manufacturer information, Terms & Conditions, disclaimer, Privacy Notice and the manual download.

Licence management: license.vondaeniken.li/portal/login

09 Troubleshooting & Quick Reference

First check the network, licence status and currently selected output folder.

Possible issues

Problem	Check / solution
Mixer or player missing	Switch on the devices, check the same private network, then Settings > Rescan Devices.
Monitoring does not start	Close other DJ/diagnostic software; check for UDP port conflicts and firewall rules.
Title remains –	Play a track; check the open mixer channel and saved assignment.
No key	The key is absent from the metadata or is not transmitted by the player.
Simulation only	Open License, check internet/portal access and select Check license. Simulation remains usable.
No log	Enable Logging; an entry appears only after a visible, complete track change.
PNG/log missing	Settings > Configure output folder...; the destination must be reachable and writable.
Artwork remains blank	The source medium has no artwork or the CDJ/StageLinQ database does not provide it.

Files at a glance

File	Location / purpose
running_track.png	Public output folder · transparent track overlay
running_art.png	Public output folder · artwork overlay
track_log_*.txt	Public output folder · daily logs
output_settings.json	User-data folder · base folder / advanced destinations
config.txt	User-data folder · hybrid assignment and deliberate legacy values
running.json / logging_status.json	User-data folder · technical snapshots

Scope limit

Deckovio displays and records received data. Firmware, source medium, network and device model determine which metadata is actually available. Test the complete setup with real hardware before a live event.