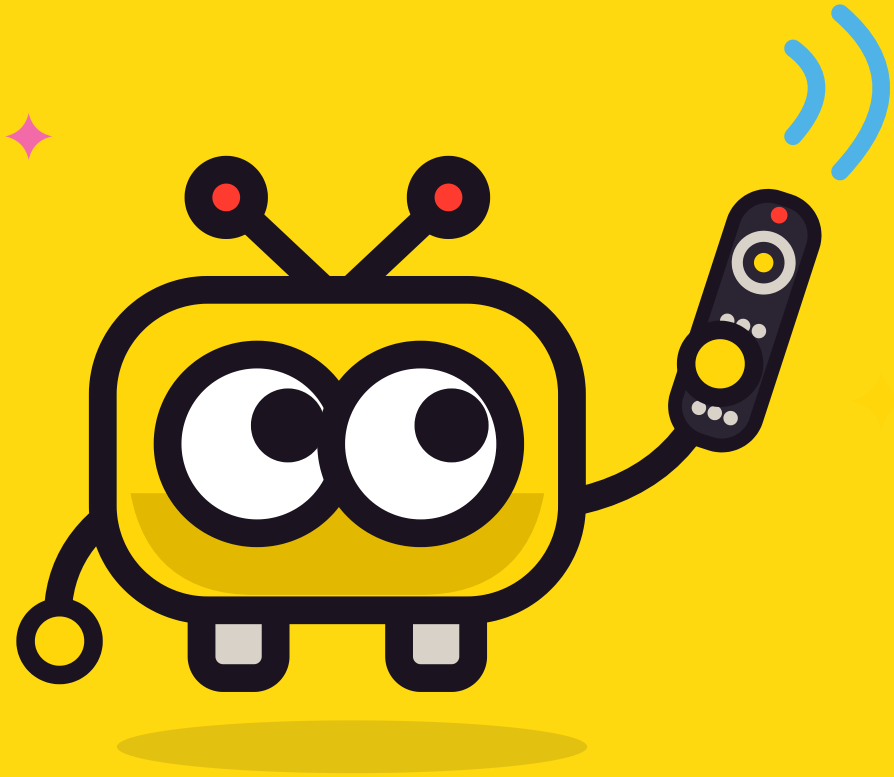
USER MANUAL

Frinkfin

Your Jellyfin on the Freebox Player Devialet.



Frinkfin 1.0.1 · APINETWORK

Online version and updates: **https://frinkfin.karbon-technologies.com/en/**

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This manual follows the Frinkfin 1.0.1 app.

The online version is always up to date:

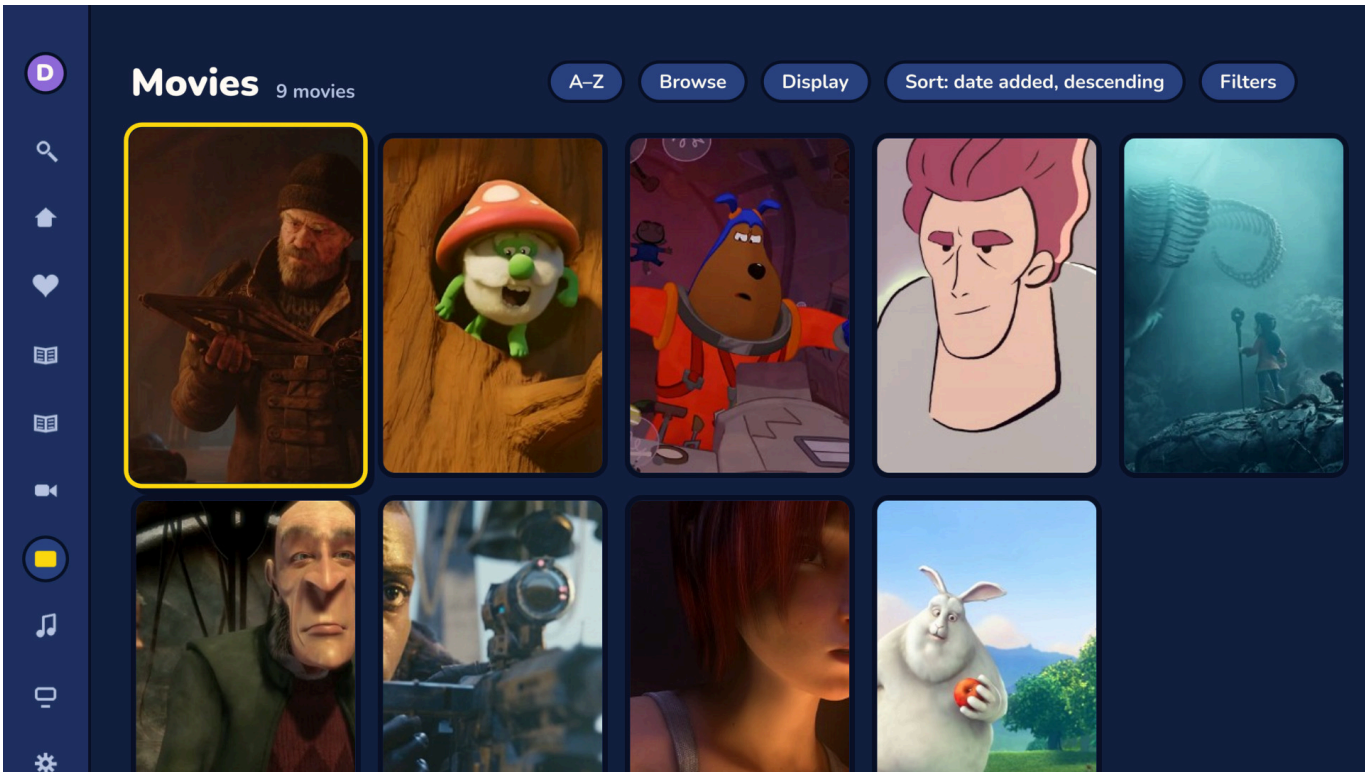
frinkfin.karbon-technologies.com/en/

FEATURES

Movies and shows

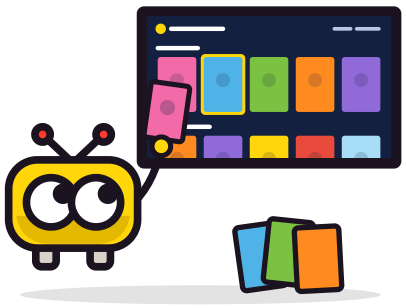
Your libraries, organized just like on your server, with their posters, their detail pages and your progress.





The Movies library in a large grid, with sorting and filters. Open movies by the Blender Foundation (CC BY)

Browse your libraries



A library: posters in rows, the selection in yellow, the **Arrows** to move.

Sorting

By name, date added, year, rating, runtime or date played, ascending or descending. Frinkfin can remember the sort order of each library.

Filters

Watched, unwatched, favorites, years, genres, studios, tags and video types. An alphabet bar jumps straight to a letter.

Suggestions and collections

The Suggestions tab offers titles close to what you watch. Your server's collections have their own view.

Library scan

With an administrator account, the library menu starts a library scan on the server.

The detail page



The detail page: the title logo, the buttons, then similar titles.



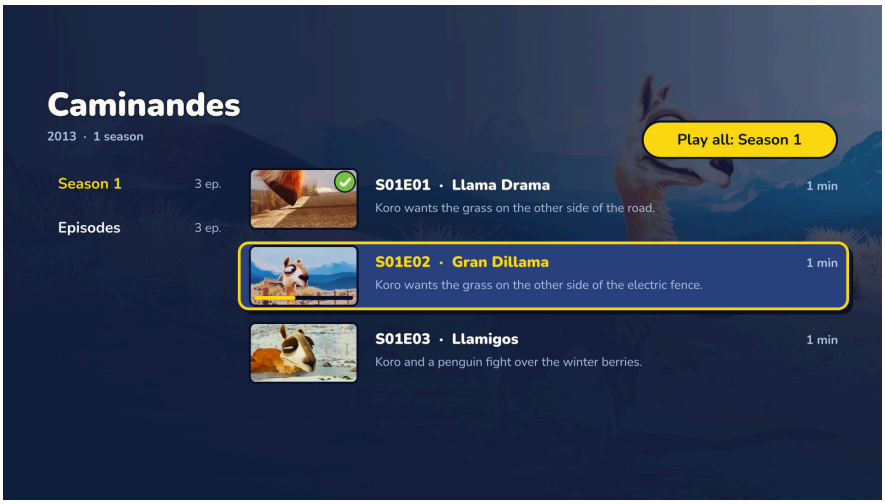
The Elephants Dream detail page: summary, tracks, Play and Instant Mix. Blender Foundation, CC BY 2.5

- **Title logo**, overview, cast and similar movies.
- **Instant Mix**: a list of related titles, started from the detail page.
- **Cinema mode**: trailers play before the movie, if you turn it on.
- **Detail page buttons**: Play or Continue watching, Trailer, Favorite, Watched.
- **Menu key**: add to queue, play next, playlists, shuffle.
- **Tracks**: the detail page shows the audio and subtitle tracks of the file before playback.

Shows, episode by episode



At the end of an episode: the next one comes, with its countdown.



A show: seasons, episodes and next episode. Caminandes, Blender Foundation, CC BY 3.0

Seasons and Episodes tab

Each season has its own list. The Episodes tab gathers every episode of a library.

Next up and Upcoming

The home screen shows the next episode of each show in progress, and the ones about to air.

Next episode

A card announces the next episode, with a countdown. Playback moves on by itself if you want.

Intro and credits

If your server knows these segments, Frinkfin offers to skip them, or skips them for you.

Find it fast

Search

Movies, shows, episodes, people, music and collections, from the Search key on the remote.



The **Search** key opens search, from any screen.

People

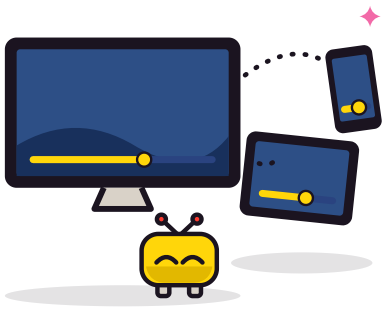
The page of an actor or a director lists their movies and shows. Your favorite people have their own row.

Favorites

Movies, shows, episodes, collections, playlists, music and people, together on one page.

Your progress, everywhere

Frinkfin sends your position to your server during playback. So “Continue watching” and watched episodes match your other Jellyfin devices: start on the TV, finish on the tablet.



On the TV, the tablet or the phone: the movie picks up at the same spot.

FEATURES

Music

Your Jellyfin music collection on the living room sound system, with the lyrics on screen.

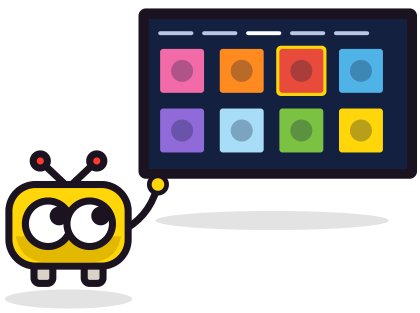




An album playing and its queue. Elephants Dream score by Jan Morgenstern, CC BY 2.5

Browse your collection

Album artists, Artists, Albums, Genres, Favorites and Suggestions, just like in Jellyfin. “Shuffle” starts a random listening session.



Albums, sorted as on your server.

Suggestions

Recently added albums first, then the ones you play most.

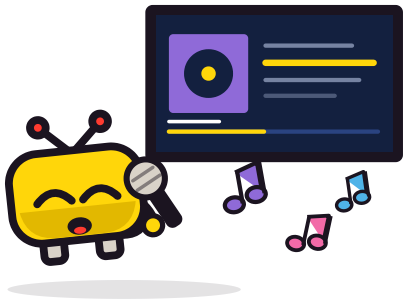
Artists and albums

An artist or a genre leads to its albums. On an album: Play all, Shuffle, add to a playlist, “More from the artist”.

Favorites

Favorite artists, albums and tracks, shared with your other devices.

While you listen



Now playing: the line being sung lights up in yellow.

- **Now playing**: cover, title, artist and progress.
- **Play queue**: previous or next track, shuffle, repeat.
- **Synced lyrics**: the line being sung turns yellow, if your server has the lyrics.
- **Instant Mix**: from an artist, a genre, an album or a track.
- **Screensaver**: it shows the title and the artist of the current track.

Sound the way you like it



Normalization and quality, set with the **Arrows**.

Volume normalization

Off, per track or per album, with the gain computed by your server.

Music quality

Auto, or a fixed bitrate from 64 kbit/s to 2 Mbit/s for a slow connection.

Continue listening

A home screen row that you can show or hide.

And for everything else

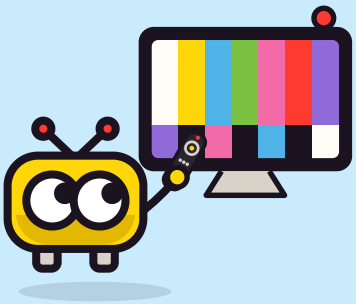
Audio output, default quality, home screen rows: you set it all in Frinkfin, and it follows your account.

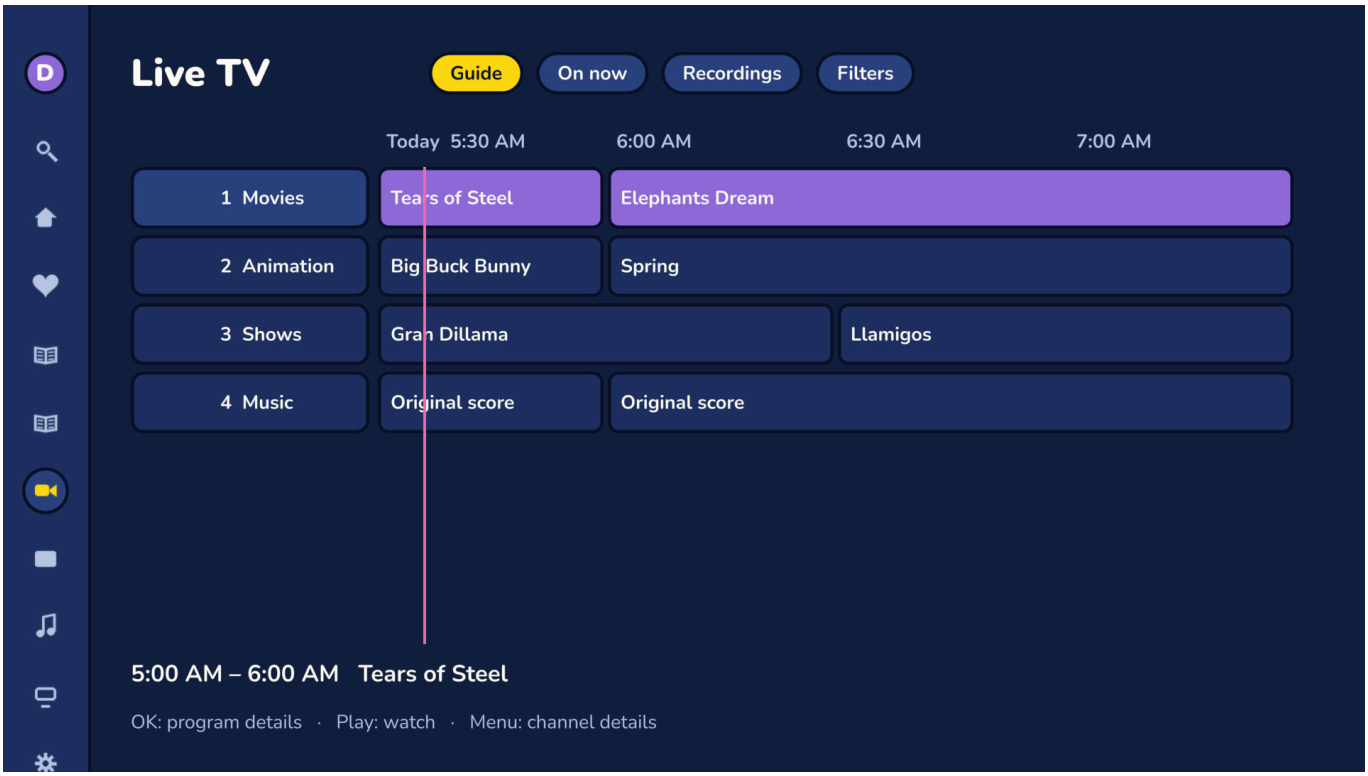
All the settings →

FEATURES

Live TV

The channels and recordings of your Jellyfin server, with a real program guide.





The program guide, on the demo TV: open movies by the Blender Foundation (CC BY)

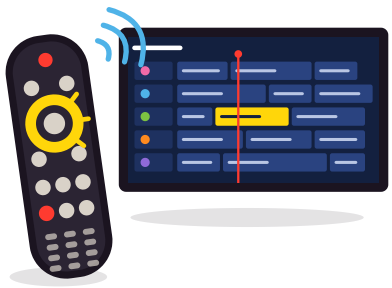
The TV tabs

Guide

Two hours of programs, channel by channel. Filters keep your favorite channels, your genres and the channel order in your account.

On now

The programs your server recommends, on air now and coming up.



The guide: two hours of programs, and the red line at the current time.

YOU NEED

live TV on your Jellyfin server: a tuner or an IPTV source, set up

Recordings

Sorted into groups: in progress, shows, movies, sports, kids, news. Scheduled recordings and series have their own lists.

in its dashboard.

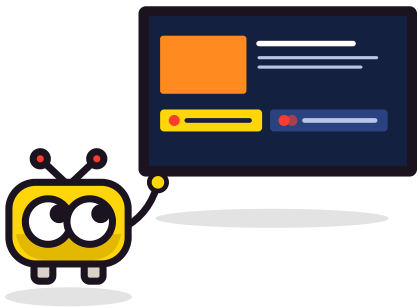
Watch a channel



Live: the channel banner. OK opens the channel bar.

- **Channel banner**: it appears each time you change channels.
- **Channel bar**: press OK, then move from one channel to the next without leaving the picture.
- **Direct access**: type the channel number with the number keys of the remote.
- **Record key**: it schedules a recording of the current program.
- **Previous channel**: go back to the last channel with one key. Frinkfin also remembers the last channel you watched.

Schedule a recording



The program page: Record, or Record series.

1 Open the program page

From the guide, from On now, or with the Menu key while watching live.

2 Choose Record

Or “Record the series”: new episodes only, on all channels or at any time.

3 Cancel if needed

The same page cancels the recording or the series.

FEATURES

Audiobooks and e-books

Your Jellyfin book library finally has a place on the TV: listen in the living room, pick it up again in bed.

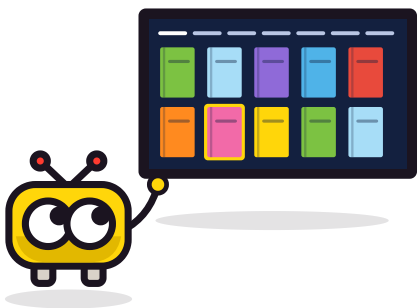




An audiobook: chapters, speed and sleep timer. Perrault's tales read in French, LibriVox, public domain

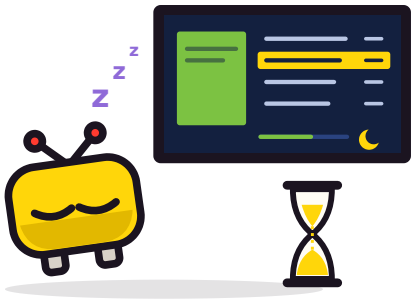
Sort and find

The Books screen has seven sections: audiobooks, e-books, authors, in progress, favorites, unplayed and played. Mark a book as played or unplayed from its page.



The seven sections of the Books screen, as tabs.

Listen to an audiobook



An audiobook: chapters, speed, and the moon of the sleep timer.

- **Chapters**

  The table of contents leads to every chapter. Previous and next chapter with one key. Chapters come from your server.

- **Speed**

  From 0.75 to 2 times normal speed, in steps of 0.25.

- **30-second jumps**

  The left and right arrows go back or forward 30 seconds. OK takes you to the chapters.

- **Sleep timer**

  Stops after 15, 30, 45, 60 or 90 minutes, or at the end of the chapter.

E-books



An e-book's page: the QR code to scan with your phone.

- **PDF, CBZ, CBR, EPUB**

  Frinkfin lists your e-books and comics, with their format, their author and their cover.

- **Read on your phone**

  The book page shows a QR code. Your phone opens it in Jellyfin, as long as it can reach your server.

Pick up where you left off

Your position goes to your server. The “Continue audiobooks” row on the home screen takes you back to the right chapter, at the right second. “From the beginning” starts the book over.

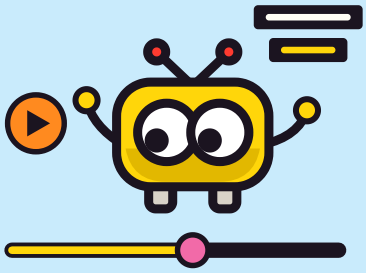


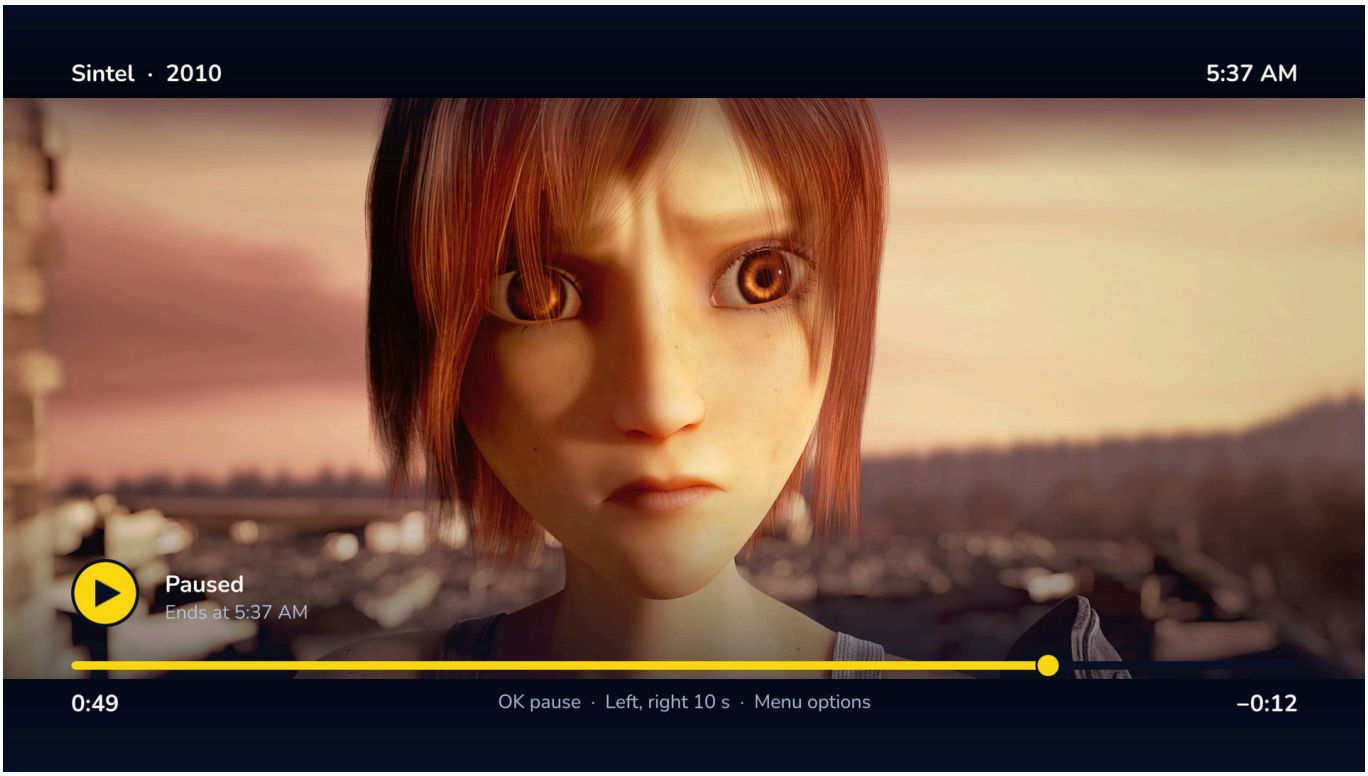
The home screen: the “Continue” row, with each book's progress.

FEATURES

Player

Language, subtitles, quality: change them all during playback, without going back to the detail page.

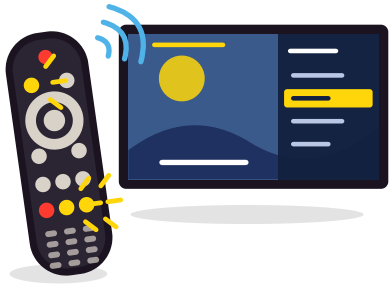




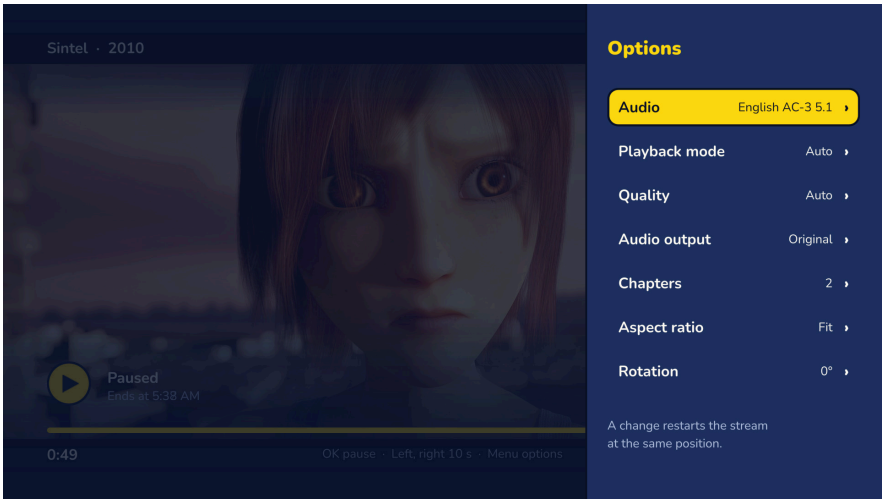
The player on Sintel: seek bar and remote keys. Blender Foundation, CC BY 3.0

The options menu

During playback, the **Menu** key opens the options. Changing a track or the quality restarts the stream at the same position.



Menu during playback: the options open on the side, the picture goes on.



The options menu during Sintel: audio, playback mode, quality, chapters. Blender Foundation, CC BY 3.0

Audio

Every track of the file, with its language and format. Audio output in AAC 2.0 or AC-3 5.1.

Subtitles

A main track, plus a secondary track at the top of the screen: two languages at once. Adjustable offset.

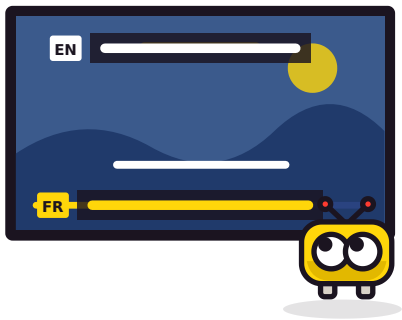
Quality

Auto, from the measured bandwidth, or a bitrate of your choice. Playback mode can be forced to direct play or conversion.

And also

Chapters, speed, aspect ratio, rotation, mute, repeat, playback data.

Subtitles in detail

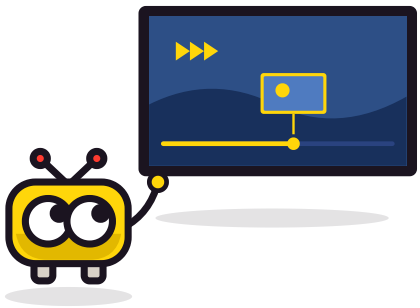


Two languages at once: the secondary track at the top, the main one at the bottom.

- **SRT and WebVTT**: Frinkfin draws them. Set their size, color, background, edge and position.
- **PGS, ASS and SSA**: your server burns them into the picture, with their fonts.
- **Online subtitles**: search for a track and add it from the player, if your account has this right on the server.

- **Default languages**: preferred audio and subtitles, subtitle mode. These choices belong to your Jellyfin account.

Move around the movie



Fast forward: the thumbnail shows where you land.

Fast forward and rewind

Hold the key: the speed goes up. Release it: the movie resumes from there. Seek bar thumbnails, if your server has them.

Jumps

Left and right jump 5 to 30 seconds, as you choose. The **0** to **9** keys jump through the movie: **0** to the start, **1** to 10%, **9** to 90%.

Resume

Playback resumes at the last position, a few seconds earlier if you set it.

What the Player plays



The **Info** key: how the movie plays, and why.

The Freebox Player Devialet outputs 1080p SDR. It plays H.264, HEVC and VP9 directly in MKV, MP4 or TS, with AAC, AC-3, E-AC-3 or DTS sound. For the rest (AV1, HDR, 4K, TrueHD), your server converts. If playback stalls, Frinkfin switches to conversion on its own, then to a lower quality.

Direct or converted?

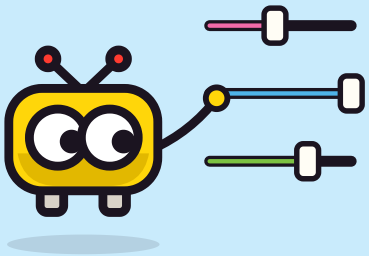
During playback, the **Info** key tells you, with the reason.

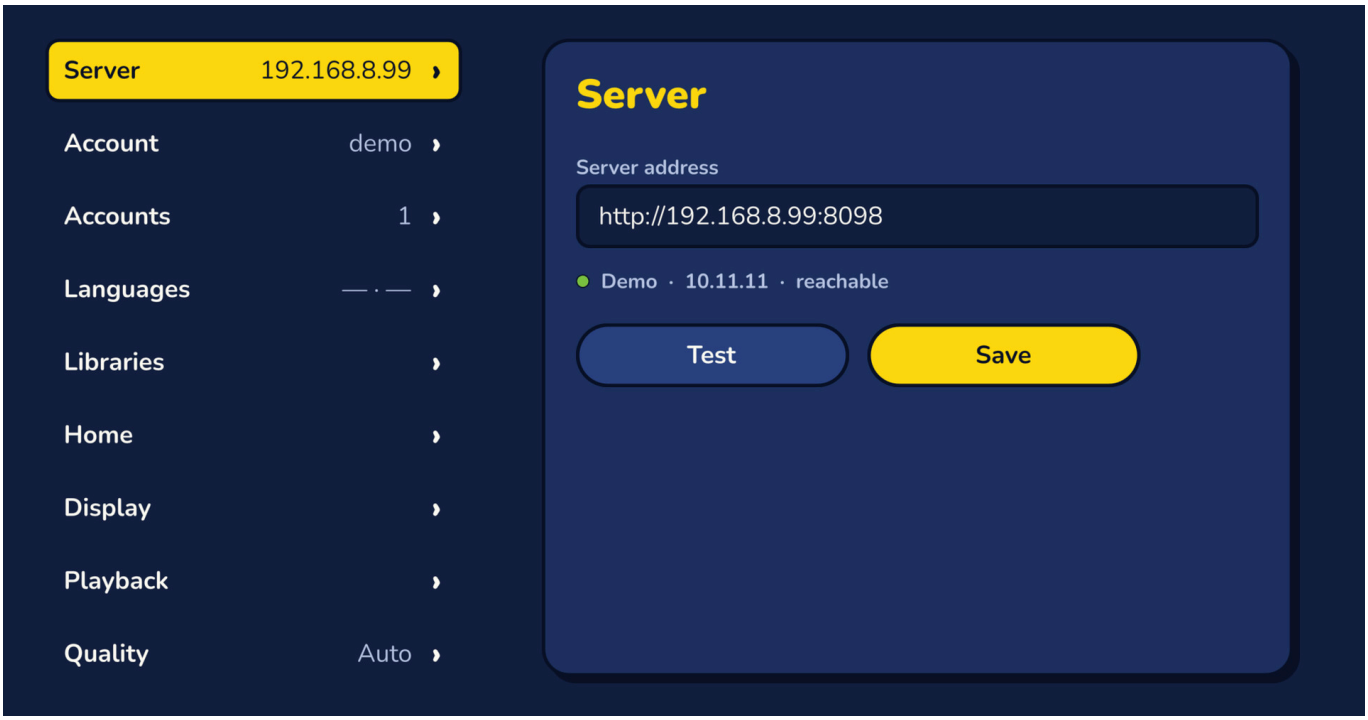
Formats in detail →

FEATURES

Settings and accounts

The whole family on one box, each with their own account, languages and progress.





Settings: server, accounts, languages, libraries, playback and quality

Servers and accounts



The servers kept on the box: a green light, it answers; red, it does not.

- **Server**

  Add a server by its address, test that it answers, keep several of them.

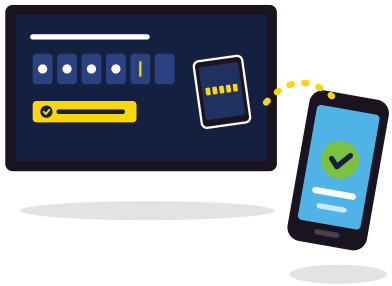
- **Accounts**

  Several accounts kept on the box. Automatic sign-in to the last account, sorting by use or by name, forgetting an account.

Account

The signed-in account, its age limit, its PIN code. Change profile or sign out.

Quick Connect both ways



The other way: the TV types another device's code, then approves it.

Sign in the box

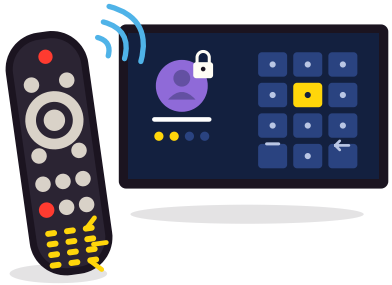
At sign-in, the TV shows a code. Approve it in Jellyfin on a device that is already signed in.

Sign in another device

In Settings, Account, type the code shown by the other device, then choose Authorize.

A PIN code per profile

A PIN code protects a profile on the box. Frinkfin keeps only its hash. After five wrong codes, the profile must sign in again. Account limits (ratings, access hours) stay those of your server.



A profile's PIN code is typed with the 0 … 9 keys of the remote.



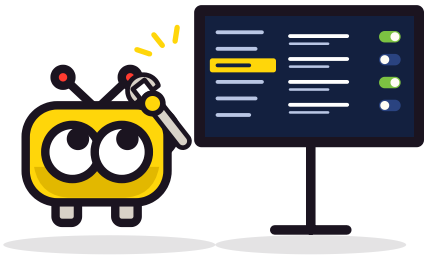
Step by step

Add an account, protect a profile, switch from one account to another: the tutorial guides you.

Several accounts and a PIN code →

The settings sections

Server, Account and Accounts are covered above. Here are the others, in the order of the Settings screen.



Sections on the left, their settings on the right.

- **They follow you.** Languages and Libraries are settings of your Jellyfin account: your other devices pick them up.
- **They stay on the box.** Quality, Audio output and Screensaver apply to this Freebox Player only.

Languages

Interface language, preferred audio and subtitles, subtitle mode, remembered choices. Settings of your Jellyfin account.

Libraries

Library order, latest items, hide watched, missing episodes, Collections view. Settings of your Jellyfin account.

Home

Up to ten rows in the order you choose: Continue watching, Next up, Latest, Live TV, Recordings…

Display

Sorting, backdrop, clock, “watched” mark, theme music and theme video.

Playback

Automatic next episode, cinema mode, jump lengths, resume with rewind, “Still watching?”, intro and credits, quality over the Internet, maximum resolution and channels, subtitle style.

Quality

Default playback quality: Auto, from the measured bandwidth, or a fixed bitrate.

Audio output

AAC 2.0 or AC-3 5.1, depending on your setup.

Screensaver

Screensaver delay, or never.

About

Frinkfin and server versions. Sends the log to your server, for a bug report.

Interface in two languages

Frinkfin speaks French or English. It follows the display language of your Jellyfin account, otherwise the language of the box. Dates and times follow the same language.

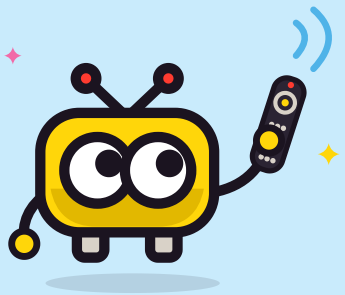


French or English, from your account or the box.

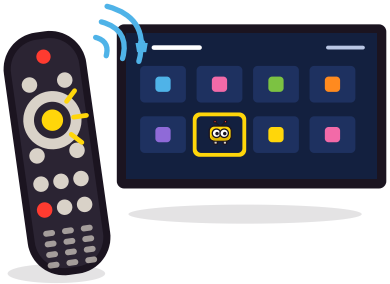
STEP BY STEP

Tutorials

Six short tutorials to follow with the remote in hand.
Each one takes only a few moves.



Install from the FreeStore



The FreeStore: Frinkfin and its mascot. OK opens its page.

YOU NEED
the Player remote.

1 Open the FreeStore

On the Freebox Player home screen, open the FreeStore.

2 Look for “Frinkfin”

Open the Frinkfin page, published by APINETWORK.
The app is free.

3 Install

Choose “Install”: Frinkfin joins your apps.

4 Add it to your favorites

In Home, Applications, select Frinkfin, then press the Info key to add it to your favorites.

Add your server



Frinkfin listens to your home network and lists the servers it finds.

YOU NEED
a running Jellyfin server.

1 Start Frinkfin

It looks for Jellyfin servers on your local network, on port 8096.

2 Choose your server

If it finds several, Frinkfin shows them all: pick yours.

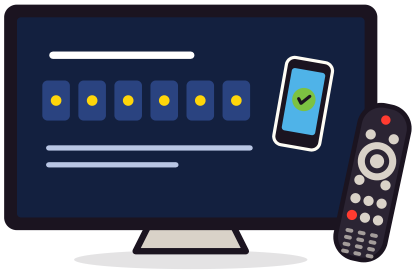
3 Otherwise, type its address

Choose “Other server”, then type, for example, `192.168.1.20`, `192.168.1.20:8096` or `https://jellyfin.example.com`.

4 Choose your profile

Frinkfin shows the public profiles of the server. Yours is not there? Choose “Other account” and type your user name.

Sign in with Quick Connect



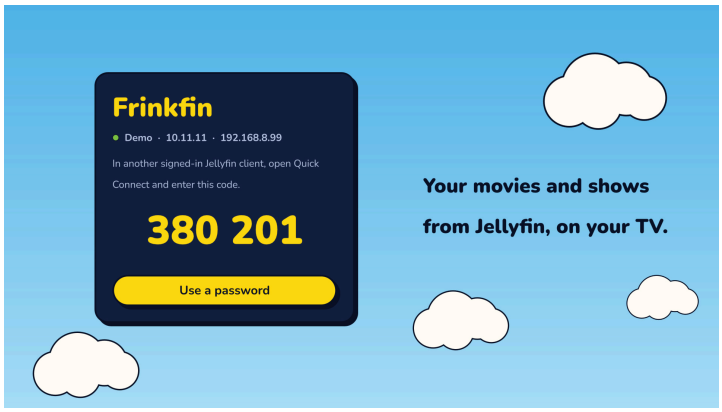
The code shows on the TV; the phone approves it.

YOU NEED

Quick Connect enabled on your server, and a device already signed in: phone, tablet or computer.

1 Choose your profile

The TV shows a six-digit Quick Connect code.



Signing in with Quick Connect: the code shows on the TV

2 Open Jellyfin on your phone

In your profile, open Quick Connect.

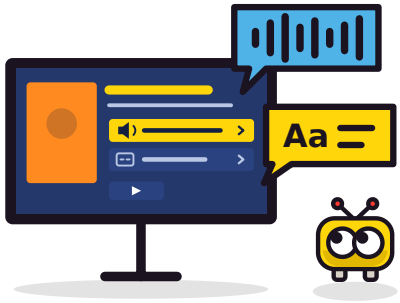
3 Type the code

Confirm: the box signs in by itself, with no password.

No Quick Connect?

Choose “Use a password” and type it with the remote.

Choose audio and subtitles



On the detail page, before the movie: Audio and Subtitles. During the movie: **Menu**, or the **Audio** and **Subtitles** keys.

YOU NEED

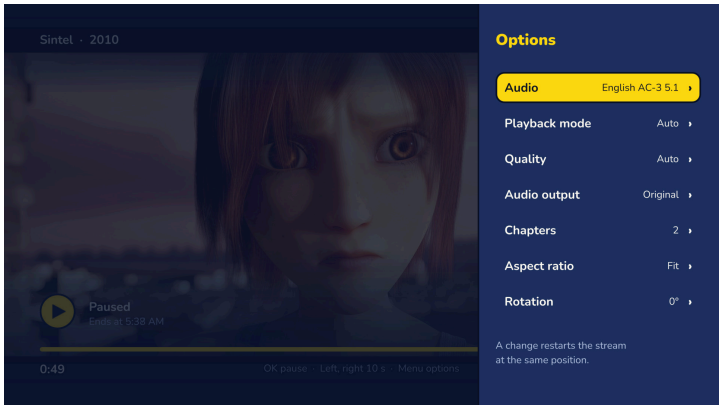
a movie with several tracks.

1 Before playback

On the movie's detail page, choose the audio track and the subtitles.

2 During playback

Press **Menu**, then choose Audio or Subtitles. The **Audio** and **Subtitles** keys on the remote are faster.



The options menu during Sintel: audio, playback mode, quality, chapters. Blender Foundation, CC BY 3.0

3 Add a second language

In the same menu, “Secondary subtitles” adds a second language at the top of the picture.

4 Put subtitles back in sync

Early or late? “Subtitle offset” moves them back into sync, in either direction.

5 Keep this choice for all your movies

In Settings, Languages, choose your preferred audio and subtitles. This choice applies to your whole Jellyfin account.

Several accounts and a PIN code



One profile per person; the PIN code is typed with 0…9.

YOU NEED

one Jellyfin account per person.

1 Open the accounts screen

In Settings, Account, choose “Change profile”.

2 Add an account

Choose “Add an account”, then sign in. Frinkfin keeps each account on the box.

3 Protect a profile

Signed in to that profile, open Settings, Account, then “Profile PIN code”.

4 Switch accounts

At startup, Frinkfin opens the last account. Change profile whenever you like: the PIN code is asked.

Watch away from home



Away from home: an https address, and the connection is encrypted.

YOU NEED

a server reachable over the Internet, preferably with https.

1 Make the server reachable

This is set up on the server side: domain name, https, open port. Frinkfin creates no tunnel.

2 Type the full address

In Settings, Server, type, for example, `https://jellyfin.example.com`, then Test.

3 Set the quality over the Internet

In Settings, Playback, “Quality over the Internet” sets a separate bitrate for the Internet. On Auto, Frinkfin measures the bandwidth.

Still stuck?

Read the FAQ, download the PDF manual or write to support.

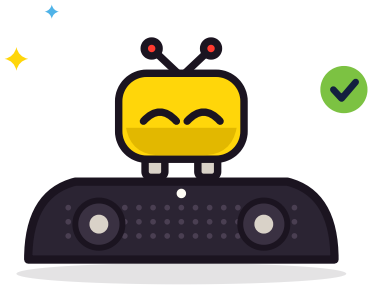
HELP

Frequently asked questions

Tap a question to see the answer.



Before you install



The Freebox Player Devialet does not run Android TV: its apps come from the FreeStore.

Do I need a Jellyfin server?

Yes. Frinkfin has no content of its own. It shows and plays the media of your Jellyfin server. Jellyfin is free and open-source software, to install on a computer, a NAS or a server.

Is Frinkfin free?

Yes. Frinkfin is free on the FreeStore. It has no subscription, no in-app purchase and no ads.

Why not the official Jellyfin app?

To our knowledge, the Jellyfin project does not publish an app for the Freebox Player Devialet: this Player does not run Android TV and its apps come from the FreeStore. Frinkfin fills this gap. It is not affiliated with the Jellyfin project. On a Player that runs Android TV, the Jellyfin app for Android TV is on Google Play.

Is Frinkfin an app from Free?

No. Frinkfin is published by APINETWORK. Free approves the app before it goes on the FreeStore.

Playback and formats



Played as is, or converted by your server: the Info key tells you.

Which formats does the Player read without conversion?

On a Freebox Player Devialet, Frinkfin sends the file as is when it matches this profile:

Containers	MKV, MP4, TS
Video	H.264 (8-bit, level 4.1 at most), HEVC 8-bit and 10-bit, VP9, up to 1080p, SDR
Audio	AAC (stereo or 5.1), AC-3 (Dolby Digital), E-AC-3 (Dolby Digital Plus), DTS

The “Audio output” setting chooses between stereo AAC and 5.1 AC-3.

Why does my server convert some videos?

The Player does not read everything. Your server converts in these cases:

- AV1 or HDR video, or video larger than 1080p;
- TrueHD sound, or more channels than the setting allows;
- image-based subtitles (PGS) or styled subtitles (ASS, SSA), burned into the picture;
- an audio track other than the default one: the server keeps the video and changes only the sound.

Conversion takes server power. If the video stutters, Frinkfin moves to a lower quality by itself.

What about 4K, HDR, Dolby Vision?

The Freebox Player Devialet outputs a 1080p SDR picture. It shows neither 4K nor HDR. Your server converts these files to 1080p SDR. For correct colors, enable “tone mapping” in the Jellyfin transcoding settings.

Do PGS (Blu-ray) subtitles work?

Yes. Image-based subtitles (PGS) and styled subtitles (ASS, SSA) are burned into the picture by your server. Frinkfin draws text subtitles (SRT, WebVTT) itself: for these only, you can set size, color, position and offset.

Audiobooks and e-books?

- Audiobooks: they work with any Jellyfin server that has a books library. Frinkfin plays chapters, changes the speed, jumps 30 seconds, stops with a sleep timer and resumes at the last position.
- E-books (PDF, CBZ, CBR, EPUB): the book page shows a QR code. Scan it to open the book in Jellyfin, on your phone.

At home and away



Away from home: Frinkfin reaches your server over the Internet, ideally in https.

Can I watch away from home?

Yes, if your Jellyfin server is reachable from the Internet. Type its full address, preferably with https. Frinkfin keeps a separate bitrate for the local network and for the Internet. Frinkfin creates no tunnel: remote access to your server is set up on the server.

Can the whole family use it?

Yes. Frinkfin keeps several servers and accounts on the box. Each person picks their profile. Resume points and watched episodes follow each account and are shared with your other Jellyfin devices.

Is there parental control?

- Account limits (maximum rating, tags, access hours) are set on the Jellyfin server. The server applies them; Frinkfin shows the age limit of the account.
- A PIN code can protect each profile on the box.
- The screensaver can show only pictures suited to an age.

Data, updates and bugs



A bug? The log goes to your server, from Settings, About.

What does Frinkfin do with my data?

Frinkfin talks only to your Jellyfin server. It sends nothing to APINETWORK or to any third party, and has no ads and no analytics. Details: privacy.

How does Frinkfin update?

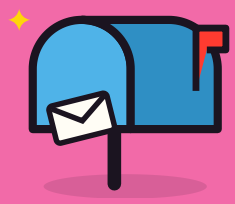
New versions go through the FreeStore, after Free approves them. What is new is in the release notes.

How do I report a bug?

1. Note the Frinkfin version (Settings > About) and the version of your server.
2. If your server accepts client logs, send the log from Settings > About. It goes to your server, not to us.
3. Write to info@karbon-technologies.com: what you did, what you expected, what happened, and the file format for a playback problem.

No answer here?

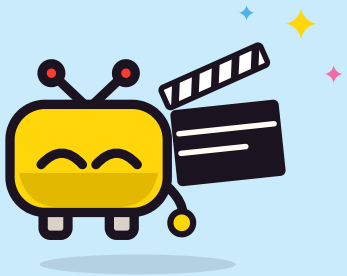
Write to us: info@karbon-technologies.com. We read every message.
The support page says what to put in your message for a quick answer.



THANK YOU

Credits

The screenshots on this site and in the manual show free works. Thanks to their authors.



The works on screen



The end credits: thanks to the authors.

Movies

Open movies by the Blender Foundation and Blender Studio, under the Creative Commons Attribution license.

Music

Albums by Kevin MacLeod and Broke For Free, under the Creative Commons Attribution license.

Books

Public domain works by Alexandre Dumas, Gustave Flaubert, Victor Hugo, Jules Verne and Voltaire, from Project Gutenberg.

Work by work

Work	Author	License	Source
Movies			
Big Buck Bunny 2008	Blender Foundation, dir. Sacha Goedegebure	CC BY 3.0	file · poster (CC BY
Elephants Dream 2006	Blender Foundation, dir. Bassam Kurdali	CC BY 2.5	file · poster (CC BY

Work	Author	License	Source
Sintel 2010	Blender Foundation, dir. Colin Levy	CC BY 3.0	file · poster (CC BY
Tears of Steel 2012	Blender Foundation, dir. Ian Hubert	CC BY 3.0	file · poster (CC BY
Cosmos Laundromat 2015	Blender Institute, dir. Mathieu Auvray	CC BY 4.0	file · poster (CC BY
Spring 2019	Blender Animation Studio, dir. Andy Goralczyk	CC BY 4.0	file · poster (CC BY
Sprite Fright 2021	Blender Studio, dir. Matthew Luhn, Hjalti Hjálmarsson	CC BY 4.0	file · poster (CC BY
Charge 2022	Blender Studio, dir. Hjalti Hjálmarsson	CC BY 4.0	file · poster (CC BY
Hero 2018	Blender Studio, dir. Daniel M. Lara	CC BY 4.0	file
Wing It! 2023	Blender Studio	CC BY 4.0	file

Music

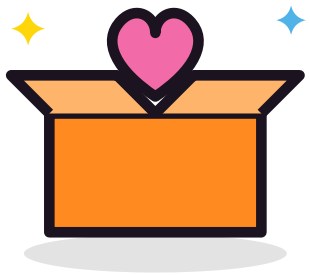
Jazz Sampler	Kevin MacLeod	CC BY 3.0	file
Classical Sampler	Kevin MacLeod	CC BY 3.0	file
Directionless EP	Broke For Free	CC BY 3.0	file
Oddities	Kevin MacLeod	CC BY 3.0	file

Books

Work	Author	License	Source
Vingt mille lieues sous les mers	Jules Verne (1828-1905)	Public domain	file
Le Tour du monde en quatre-vingts jours	Jules Verne (1828-1905)	Public domain	file
De la Terre à la Lune	Jules Verne (1828-1905)	Public domain	file
Voyage au centre de la Terre	Jules Verne (1828-1905)	Public domain	file
Notre-Dame de Paris	Victor Hugo (1802-1885)	Public domain	file
Les Trois Mousquetaires	Alexandre Dumas (1802-1870)	Public domain	file
Madame Bovary	Gustave Flaubert (1821-1880)	Public domain	file
Zadig ou la Destinée	Voltaire (1694-1778)	Public domain	file

Software

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