

TVS Hub

Linux Installation Guide

June 14, 2026

Platform:	Ubuntu / Debian Linux (X11)
Requires:	Python 3.10+ MPV Internet connection
Install time:	~2-5 minutes

TVS Hub is a full-featured IPTV player for Linux. It supports Live TV, Movies, and Series through your Xtream Codes provider, with features including an EPG timeline, multi-screen view, favorites, quality badges, genre categories, and more.

1 Features at a Glance

>> Live TV	Browse and watch live channels with EPG guide overlay
>> Movies	Full movie library with 4K / 1080p / 720p quality badges
>> Series	Series browser with season counts and genre categories
>> Radio	Browse and play radio stations
>> Favorites	Save any channel, movie, series, or radio station as a favorite — always pinned to the top of every tab
>> Continue Watching	Resume any movie or series episode exactly where you left off
>> Recently Added	See movies added to your provider in the last 30 days
>> Uncategorized	Quick access to streams not assigned to any category
>> EPG Timeline	Scrollable 24-hour program guide for live channels
>> Multi-Screen	Watch up to 6 channels simultaneously
>> Genre Categories	Series automatically organized by genre
>> Search	Search across channels, movies, and series
>> Drag to Reorder	Arrange Live TV, Movies, and Series categories in any order — each tab saves independently
>> Hide Categories	Hide any category you don't use; restore anytime from the Hidden list
>> Working Radio	Dedicated category showing only radio stations confirmed to play successfully
>> 7-Day Stream Alerts	Live channels that fail repeatedly over 7 days are flagged automatically — clears when the stream recovers
>> Stream Pre-Scan	Streams are probed in the background before you play — you always know a channel is live and correct
>> Backup & Restore	Export all favorites, settings, and caches as a zip; restore on any machine instantly
>> Uncategorized Movies	Surfaces movies your provider added but never assigned to a category — invisible in most players
>> Synopsis Popup	Movies and series show poster, badges, and full synopsis before you press play
>> One-Click Favorites	Add any channel, movie, series, or radio station to favorites with a single click
>> External Player	Set VLC or any other player as a fallback if the built-in player has trouble with a stream
>> Saved Profiles	Save up to 5 provider accounts with custom names — switch between them instantly from the login screen

2 Why TVS Hub?

TVS Hub is not just another IPTV player. Here is what sets it apart from alternatives like Kodi, IPTV Smarters, and TiviMate:

Favorites across everything — always at the top

You can mark any live channel, movie, series, or radio station as a favorite. In every tab — Live TV, Movies, Series, and Radio — your favorites appear instantly at the top of the list so you never have to scroll to find what you watch most.

Purpose-built, not a plugin

Most IPTV solutions are general media players with IPTV bolted on as an add-on. TVS Hub is designed from the ground up specifically for Xstream Codes IPTV — so everything works cleanly without wrestling with add-ons or configurations.

Quality badges without manual setup

Automatic 4K / 1080p / 720p badge detection and pre-seeding means you know what quality a movie is before you play it. Most players do not have this at all.

Multi-platform with a native feel on each

A proper Python/Qt desktop app on Linux and a Flutter app on Android and Windows — not a web wrapper. Each version feels native to its platform.

Genre categories that build themselves

The Series tab automatically discovers and organizes content by genre as it probes your library — no manual categorization needed.

Multi-screen viewing

Watch up to 6 live channels simultaneously in a single window. Very few IPTV players offer this at all, let alone this cleanly.

Stream failure memory — 7-day heads up

If a live TV channel fails to play, TVS Hub records it. If that stream continues to fail over a 7-day window, the app flags it so you know not to waste time trying it. The warning clears automatically once the stream recovers. No other player does this.

Continue Watching — pick up where you left off

TVS Hub tracks your position in every movie and series episode you watch. The Continue Watching category shows everything in progress so you can jump straight back in without searching.

Synopsis before you commit to watching

Before playing any movie or series, TVS Hub shows you a full popup card with the poster, quality badge, year, genre, and complete synopsis. You always know what you are about to watch before pressing play.

Stream pre-scan — know it works before you watch it

TVS Hub probes every stream in the background to confirm it is broadcasting the correct content. By the time you click to watch, you already know the stream is live and accurate — no more clicking a channel only to find a dead signal or the wrong feed.

Multiple saved profiles — switch providers in one tap

Save up to 5 IPTV provider accounts, each with its own profile name (e.g. Home, Work, Dad's TV). Your saved profiles appear as quick-connect buttons on the login screen so you can switch between providers instantly without re-entering credentials.

Choose your own video player

If the built-in player does not work correctly for a particular stream, you can set an external player — such as VLC — to handle playback instead. This gives you a fallback for streams that are otherwise difficult to play.

Adding favorites is effortless

Adding any live TV channel, movie, series, or radio station to your favorites takes a single click or tap. Your favorites are instantly pinned to the top of the list in whichever tab they belong to.

Find content your provider hasn't categorized yet

The Uncategorized category in Movies surfaces videos that your IPTV provider has added to the server but not yet assigned to any category. In most players this content is completely invisible. TVS Hub makes sure you never miss it.

Backup and restore everything

Export all your favorites, settings, quality caches, and genre data as a single zip file. Restore it on any machine — or use it to recover after a reinstall — and everything comes back exactly as you left it.

Full control over your category lists

In Live TV, Movies, and Series you can drag categories into any order you want and save that arrangement permanently — each tab remembers its own order independently. You can also hide any category you never use, keeping your sidebar clean and focused. Hidden categories can be restored at any time from the Hidden virtual category.

Radio stations that are known to work

The Radio section includes a dedicated Working category that shows only stations that have been confirmed to play successfully. No more guessing which stations are actually live — TVS Hub tracks this for you automatically.

Simple installation

One file, one command, done. Compare that to setting up Kodi with the right add-ons, skins, and configurations. TVS Hub is dramatically simpler for the end user.

3 System Requirements

TVS Hub runs on Ubuntu, Linux Mint, and any Debian-based distribution with X11 or XWayland. The installer handles all dependencies automatically.

You will need:

- Ubuntu 20.04 or later (or equivalent Debian-based distro)
- An active internet connection during install
- sudo privileges (for apt package installation)
- An Xstream Codes IPTV subscription (username, password, server URL)

⚠ TVS Hub requires X11. It works under XWayland on GNOME/KDE Wayland sessions. Pure Wayland without XWayland is not supported.

4 Installation

Open a terminal and run the following commands in order:

1 Download the installer package

```
# Copy TVSHub_Linux.tar.gz to your home folder
```

2 Extract the package

```
tar -xzf TVSHub_Linux.tar.gz
```

3 Run the installer

```
bash tvshub/install.sh
```

The installer will:

- Install required system packages (python3, mpv, libmpv-dev, ffmpeg) via apt
- Copy the application to ~/.local/share/tvshub/
- Create a Python virtual environment and install all dependencies
- Create a launcher at ~/.local/bin/tvshub
- Add TVS Hub to your application menu

⚠ Installation takes 2-5 minutes depending on your internet speed. You will be prompted for your sudo password once for the apt step.

5 First Launch

Once installed, you can launch TVS Hub in two ways:

From the terminal:

```
tvshub
```

From your application menu:

Search for 'TVS Hub' in your desktop application launcher.

Logging in:

- Enter your Xtream Codes server URL (e.g. http://yourprovider.com:8080)
- Enter your username and password
- Click Connect — your channels and movies will load automatically

⚠ Your login credentials are stored locally in ~/.config/tvshub/ and are never transmitted anywhere except to your IPTV provider server.

6 Keyboard Shortcuts

Space	Pause / Resume playback
F	Toggle fullscreen
Escape	Exit fullscreen / go back
Ctrl + L	Re-open login dialog

Ctrl + F	Focus search box
← →	Seek backward / forward 10 seconds
↑ ↓	Volume up / down
M	Mute / unmute

7 Upgrading & Uninstalling

Upgrading to a newer version:

Simply re-run the installer with the new TVSHub_Linux.tar.gz. The installer automatically removes the old version first. Your settings, favorites, and watch history in ~/.config/tvshub/ are always preserved.

1 Extract new package

```
tar -xzf TVSHub_Linux.tar.gz
```

2 Run installer

```
bash tvshub/install.sh
```

Uninstalling:

To completely remove TVS Hub from your system:

1 Run the uninstaller

```
bash ~/.local/share/tvshub/uninstall.sh
```

This removes the application files, launcher, and desktop shortcut. Your personal settings in ~/.config/tvshub/ are left intact. To remove those as well:

```
rm -rf ~/.config/tvshub/
```