



## Buna TV User Guide

Everything you need to get set up and find your way around: adding your TV service, watching live TV, the TV guide, catch-up, recording, multi-view, movies, series and settings.

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# 1 Welcome to Buna TV

Buna TV is a player for live TV, films and series, built for the big screen. It's made for Android TV and Google TV. Everything in it works from a standard TV remote.

## Buna TV is a player only

It does not include, sell or recommend any channels, playlists or content. To watch anything you need a subscription from a TV service that gives you either an **M3U playlist** or an **Xtream Codes login**.

## What you can do

### Live TV

Fast channel changes, a quick guide over the picture, and a full programme guide.

### Catch-up

Watch programmes that have already aired, or restart the one on now, where your service allows it.

### Recording

Record now, schedule from the guide, or record every showing of a programme.

### Multi-view

Watch up to four channels at once and choose which one you hear.

### Movies and series

Browse your service's films and shows, carry on where you stopped, and keep a list.

### Your way

Favourites, custom groups, hidden and renamed channels, a PIN lock and remote buttons you set yourself.

## What you need

- An Android TV or Google TV device with Android 7.0 or later.
- An internet connection.
- The details your TV service sent you: a playlist link, a playlist file, or a server address with a username and password.

## 2 Installing the app

### From the store

Search for **Buna TV** in the Google Play Store on your TV, then choose **Install**. When it finishes, Buna TV appears in your TV's app row.

### Updating

Google Play updates Buna TV automatically. Don't uninstall to update: your playlists, favourites and settings are kept when you update and lost when you uninstall.

#### **First time you schedule a recording or reminder**

Buna TV asks permission to set alarms. Allow it, so recordings start and reminders appear on time even if the app is closed.

### 3 Adding your TV service

The first time you open Buna TV it has no channels. Add your service under **Settings > Playlists > Manage playlists > Add playlist**. If you're on a fresh install, the Playlists screen offers **Add playlist** straight away.

Choose the **Source** that matches what your service gave you:

| Source              | What to enter                                  | What you get                                                 |
|---------------------|------------------------------------------------|--------------------------------------------------------------|
| <b>Xtream Codes</b> | Server address, username, password             | Live channels, films, series and the TV guide from one login |
| <b>M3U link</b>     | The M3U or M3U8 web address your service sent  | Channels, plus the TV guide if the playlist names one        |
| <b>File</b>         | An .m3u or .m3u8 file on the TV or a USB stick | Channels                                                     |

#### Adding an Xtream Codes account

- 1 Choose **Xtream Codes** as the source.
- 2 Enter the **Server address** exactly as your service gave it, including the port if there is one, for example `http://example.com:8080`.
- 3 Enter your **Username** and **Password**. Choose **Show** to check what you typed.
- 4 Optionally give it a **Name**; this is how it appears in your list of playlists.
- 5 Choose **Connect**. Buna TV checks the details with your service, then starts loading channels.

#### Got an M3U link that contains a username and password?

Buna TV notices when a link is really an Xtream Codes account and offers **Use Xtream Codes**. Accept it: you get films, series and the TV guide too, not just channels.

#### Adding an M3U link or file

- 1 Choose **M3U link** and paste or type the playlist address, or choose **File** and then **Browse for a file....**
- 2 The TV guide is found automatically if the playlist names one. If your service gave you a separate guide address (XMLTV, compressed .gz works too), open **More options** and enter it under **TV guide**.
- 3 Choose **Save**.

## More options

All optional; the defaults suit most services.

|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>TV guide</b>              | Use the guide from the playlist or provider, enter a custom guide address, or have none. |
| <b>Update automatically</b>  | How often this playlist is refreshed, or use the app default.                            |
| <b>Merge matching groups</b> | Shows one "Sports" group across all your playlists instead of one per playlist.          |
| <b>User agent</b>            | Only if your service asks you to set one.                                                |

## Checking a playlist is working

Open **Settings** > **Playlists** > **Manage playlists** and select a playlist. Its status shows whether the channels and guide loaded, when they were last updated, and, for Xstream accounts, when your subscription expires. You'll see a warning as the expiry date gets close.

From the playlist list you can also **Refresh now**, **Edit**, switch a playlist off without deleting it (**Enabled**), change the order with **Move up** and **Move down**, or **Delete** it.

### Deleting a playlist

Deleting removes its channels, films and series along with their favourites, watch history, custom-group places and guide assignments. It can't be undone. Switch the playlist off instead if you might want it back.

## If adding fails

| Message                     | What to try                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------|
| Couldn't sign in            | The service didn't accept the username and password. Check them, including capital letters.           |
| Couldn't reach the provider | Check the server address and port, and that the TV is online.                                         |
| That isn't a playlist       | The link opened something other than a playlist. It may have expired; ask your service for a new one. |
| This box isn't online       | Check the TV's Wi-Fi or network cable.                                                                |

## 4 Finding your way around

Buna TV opens on live TV. The rest of the app lives in the **menu** down the left side of the screen. Press **Back** until the menu appears, move up and down to choose a section, and press **OK**.

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| <b>Live TV</b>    | Live channels, the TV guide and catch-up.                                        |
| <b>Movies</b>     | Your service's films.                                                            |
| <b>Series</b>     | Your service's TV shows, by season and episode.                                  |
| <b>My List</b>    | Favourite channels, saved films and shows, reminders and what you were watching. |
| <b>Recordings</b> | Scheduled and finished recordings.                                               |
| <b>Multi-view</b> | Several channels on screen at once.                                              |
| <b>Search</b>     | Find channels, programmes, films and series.                                     |
| <b>Settings</b>   | Playlists, playback, guide, recording, remote, parental controls, backup.        |

### Moving with the remote

- **↑** **↓** **←** **→** move the highlight.
- **OK** chooses what's highlighted.
- **Hold OK** (press and keep it down for about a second) opens an options menu for the highlighted item almost everywhere: channels, groups, programmes, films, recordings.
- **Back** closes whatever is open, one step at a time. It never jumps you somewhere unexpected.

### What happens at start-up

By default Buna TV picks up the last channel you watched. You can change this under **Settings > Interface > On startup** to open the channel list, the TV guide, or the menu instead.

# 5 Watching live TV

Live TV fills the screen. Everything else (channel lists, the guide, controls) appears over the picture when you ask for it and disappears again on its own.

## Changing channel

-  and , or  and , step through the channels in the current group.
- Type a channel number on the remote's **number keys** to go straight to it.
- Press  to open the **quick guide** and pick from the list (see below).

Each time you change channel, an information bar shows the channel, the programme on now with its progress, and what's on next. Press  to show or hide it.

## The quick guide

Press  while watching. The quick guide opens on the channel you're watching, without stopping the picture:

- The **channel column**: move up and down, and the picture previews the highlighted channel. Press  to watch it.
- Press  to see that channel's schedule for later, and the highlighted programme's details.
- Press  from the channel column to open the **groups**, such as Favorites, History, All channels and your service's own groups.

## The playback controls

Press  while watching to bring up the controls bar along the bottom of the screen:

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Play / Pause                | Pause live TV and pick up where you paused, where your service supports it. |
| Rewind / Forward 10 seconds | Skip back or forward.                                                       |
| Watch from start            | Restart the programme on now (needs catch-up from your service).            |
| Back to live                | Return to the live broadcast after pausing or rewinding.                    |
| Record                      | Record this channel now. Choose again to stop.                              |
| Favourite                   | Add or remove this channel from Favorites.                                  |
| Audio / Subtitles           | Choose a language or subtitle track, when the channel has more than one.    |

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**Aspect ratio**

Fit, Fill, Zoom, Stretch, 16:9 or 4:3.

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**Playback speed**

For catch-up, films and recordings.

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## Player options

Hold  while watching for the options panel:

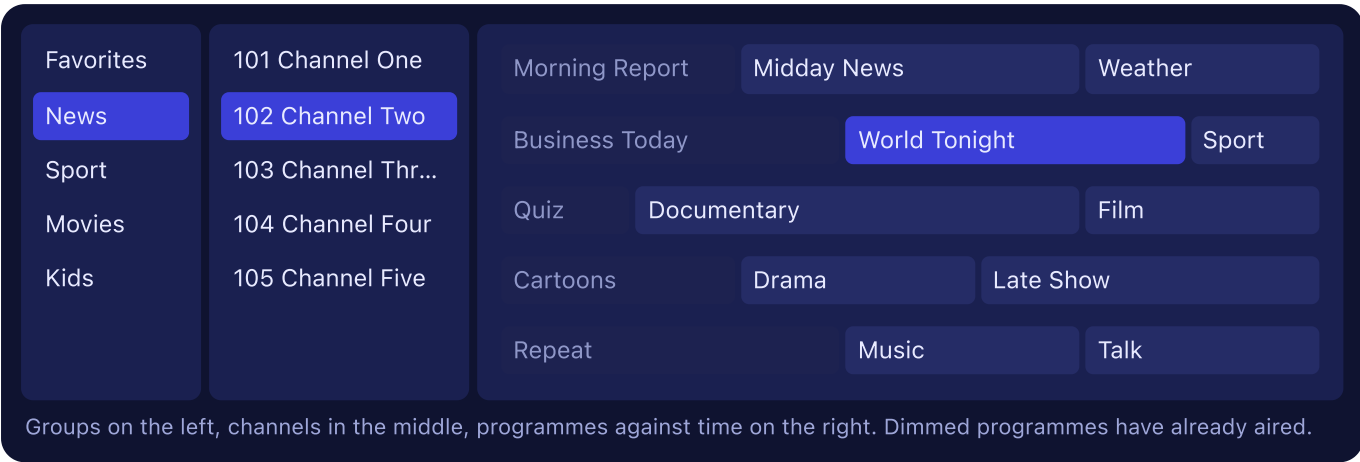
- **Go to:** Quick Guide, Multi-view, Recordings, Search, Settings.
- **This channel:** open it in another player app, or switch to picture-in-picture.
- **Picture & sound:** video and audio tracks, audio delay, speed, and a **sleep timer** that stops playback after a set time.

## When a channel won't play

If a stream stops, Buna TV tries to reconnect by itself and shows how many attempts it has made. If it gives up, it tells you why in plain words, for example the provider isn't responding, or the channel may be off air, and offers **Try again**, **Change channel** and **TV guide**. See [Troubleshooting](#) for more.

# 6 The TV guide

The full TV guide shows every channel with its programmes laid out against time. Press **Back** while watching live TV to open it on the current channel at the current time.



## Moving around the guide

- **Up** / **Down** move between channels; **Left** / **Right** move through time.
- **FF** / **REW** (or Page up / down) slide the time window further.
- **Left** from the channel column, or **Back**, steps out to the groups; **Back** again leaves the guide.

## What OK does on a programme

|               |                                                                                  |
|---------------|----------------------------------------------------------------------------------|
| On now        | Watches the channel.                                                             |
| Already aired | Plays it from catch-up, if the channel has catch-up.                             |
| Still to come | Opens its menu: <b>Remind me</b> , <b>Record</b> , <b>Record every showing</b> . |

**Hold OK** on any programme to open its full menu: details, catch-up, restart, recording, reminders and opening it in another player.

**Hold OK** on a channel for channel options such as favourite, move, rename, hide, lock and **Assign EPG** (see [Organising channels](#)).

## Where guide data comes from

Programme information comes from your service's guide (XMLTV). If a channel shows "No information", its guide entry may be missing or not matched. **Hold OK** on the channel and choose **Assign EPG** to pick the right guide entry by hand.

How many days are kept, and how often the guide updates, are set under **Settings > TV Guide**.

## 7 Catch-up and watch from start

Many services keep an archive of recent programmes. Where a channel has one, you can watch shows that have already aired, or go back to the start of the one on now. Programmes with an archive are marked **Catch-up available**.

### Three ways in

- While watching live, press  to see the programmes still available from this channel's archive. Choose one to play it.
- In the TV guide, move back in time and press  on a programme that has aired.
- To restart the programme on now, press  for the controls and choose **Watch from start**.

While watching catch-up you can pause, rewind and skip forward. Press  or choose **Back to live** to return to the live broadcast.

#### How far back can I go?

That depends on your service, often between 1 and 7 days. Buna TV also only shows aired programmes it still has in its guide, which you can set under **Settings > TV Guide > Keep finished programmes for**.

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## 8 Reminders

Never miss the start of a programme.

- 1 In the TV guide, find a programme that hasn't started yet.
- 2 Press  and choose **Remind me**.

Shortly before it starts, a pop-up appears over whatever you're watching. Choose **Watch now** to switch to it or **Dismiss**. Upcoming reminders are listed in **My List**; to cancel one, choose **Remove reminder** there or in the guide.

## 9 Recording

### Record what you're watching

Press **OK** for the controls and choose **Record**. Choose **Stop recording** when you're done, or pick **Record for...** from the channel's options to set how long.

### Schedule a recording

- 1 Open the TV guide and find a programme that's still to come.
- 2 Press **OK** and choose **Record**, or **Record every showing** to catch every episode of a series.

Recordings start on their own at the right time, even if Buna TV isn't open. The TV needs to be powered on or in standby, not unplugged.

### The Recordings screen

Open **Recordings** from the menu. It lists:

- **Scheduled** recordings that haven't started yet. Choose one to **Cancel** it.
- Recordings in progress, with **Stop**.
- **Recorded** programmes, ready to **Play** or **Delete**.
- Any that **Didn't record**, with the reason.

### Where recordings are saved

By default recordings go to the TV's own storage, which is often small. To save them to a USB stick or SD card, go to **Settings** > **Recording** > **Storage** and choose a folder there.

**Start padding** and **End padding** start the recording a few minutes early and finish it a few minutes late, in case programmes don't run to time.

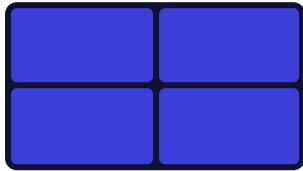
#### Things to know

- Recording uses a connection to your service. If your plan allows only one stream at a time, you may not be able to watch another channel while recording.
- Copy-protected channels can't be recorded.

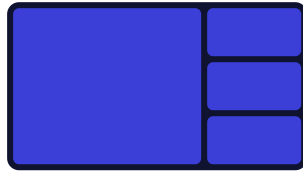
## 10 Multi-view

Watch up to four channels at once, for example several matches on the same afternoon. Open **Multi-view** from the menu, or from the player options (hold **OK**) while watching. The channel you were watching becomes the first pane.

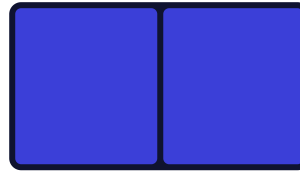
### Layouts



2 × 2



Main + three



Side by side

Pick a layout from **Layouts** at the top of the screen.

### Filling the panes

- 1 Move to an empty pane and press **OK** (**Add channel**).
- 2 Pick a channel from Favourites, Recent, Groups, or search by name or number.

Buna TV may suggest channels for empty panes. Suggested panes don't connect until you add them, either one by one or with **Add all**.

### Sound and pane options

Only one pane plays sound at a time; it's marked with a speaker. Move to a pane and **hold OK** for its options:

- **Listen**: hear this pane.
- **Change channel**, **Move to...** another position, or **Remove from Multi-view**.
- **Watch full screen**: leave Multi-view and carry on with this channel.

#### If a pane won't play

- **Your provider may limit streams**. Every pane is a separate connection, and many plans allow only one or two at once.
- **This box can't play another channel at once**. Each pane needs its own video decoder, and smaller TV sticks may only have two. Try **Side by side**.

## 11 Movies and series

If your service provides films and series (most Xstream Codes services do), they appear under **Movies** and **Series** in the menu.

### Browsing

Each screen has your service's categories down the side, plus three of its own:

- **Continue watching:** things you started but didn't finish.
- **My List:** things you saved to watch later.
- **History:** what you've watched.

Hold **OK** on a category to **Reorder** it; use **↑** **↓** to move it, then **OK** to finish. Hold **OK** on a film or show to add it to My List or remove it from history.

### Films

Choose a film to see its details: description, cast, director and a trailer where available. Choose **Play**, or **Resume** to carry on from where you stopped, or **Start over**. **Add to My List** saves it for later.

### Series

Choose a show to see its seasons and episodes. **Continue S2E4** (for example) picks up the next episode you haven't finished; otherwise choose a season and an episode.

### While a film or episode plays

Press **OK** for the controls: pause, skip 10 seconds back or forward, audio and subtitle tracks, aspect ratio and speed. Press **Back** to return to the details page; your place is remembered.

## 12 My List and favourites

**My List** in the menu gathers everything you've kept in one place:

- **Favourite channels**, and what's on them now.
- **Continue watching** and **Recently watched**.
- **My Movies** and **My Shows**.
- **Favourite programmes** saved from catch-up, and upcoming **reminders**.

Hold **OK** on anything in My List to play it, open it in the guide, change its position, or remove it.

### Adding a favourite channel

- While watching: press **OK** and choose the favourite button.
- In the guide or channel list: hold **OK** on the channel and choose **Add to Favorites**.

Favourites also appear as a group of their own at the top of the channel list and guide.

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## 13 Search

Open **Search** from the menu and start typing. Results are grouped into **Channels**, **In the guide** (programmes on now or coming up), **Movies** and **Series**, and cover every playlist you have switched on.

### Tip

A couple of letters is usually enough. Use the microphone on your remote if your TV keyboard supports voice typing.

## 14 Organising channels and groups

Large playlists can be hard to browse. Buna TV lets you shape them into something manageable. Changes are kept when your playlist refreshes.

### From the channel list or guide

Hold **OK** on a **channel** for:

|                                       |                                                                    |
|---------------------------------------|--------------------------------------------------------------------|
| <b>Add to / Remove from Favorites</b> | Keep it in the Favorites group.                                    |
| <b>Add to a custom group</b>          | Put it in a group you made, or create a new one.                   |
| <b>Move</b>                           | Change its position: <b>↑</b> <b>↓</b> to move, <b>OK</b> to drop. |
| <b>Rename channel</b>                 | Give it a name you prefer.                                         |
| <b>Hide channel</b>                   | Take it out of your lists.                                         |
| <b>Lock with PIN</b>                  | Ask for the parental PIN before it plays.                          |
| <b>Assign / Change EPG</b>            | Match it to the right guide entry by hand.                         |
| <b>Play with...</b>                   | Open it in another video player app.                               |

Hold **OK** on a **group** to rename, hide, lock, reorder or delete it (custom groups only).

### Channels & groups manager

For bigger tidy-ups, go to **Settings > Playlists > Channels & groups**, or choose **Manage all groups** from the channel list. Here you can:

- Switch whole groups on or off with **OK**, for example hiding every country you don't watch.
- Create a **New group** and fill it with channels from any of your playlists.
- Bring back channels and groups you hid earlier.

### Built-in groups

- **Favorites**: your favourite channels.
- **History**: channels you've watched recently. Hold **OK** on it to clear it.
- **All channels**: everything, from every playlist.

## 15 Parental controls

- 1 Go to **Settings > Parental controls** and choose **Set a PIN**.
- 2 In Live TV, hold **OK** on a channel or a group and choose **Lock with PIN**.

Locked channels and groups ask for the PIN before they play. Once you've entered it, they stay unlocked for a few minutes so you don't have to type it on every channel change. Choose **Lock now** in Settings to lock everything again straight away.

To change or remove the PIN, use **Change PIN** or **Remove PIN** on the same Settings page.

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## 16 Customising the remote

You can choose what each button does while a channel is playing. Go to **Settings > Remote control > Custom buttons**, pick a button, then pick its job.

Buttons you can set: **←**, **→**, **↑**, **↓**, **OK**, **Info**, **Menu**, **Guide**, **CH+**, **CH-**, plus a separate "hold down" job for the arrows, **OK** and **Info**.

Jobs you can give them: channel up or down, channel list, group list, programme info, playback controls, catch-up, record, add or remove favourite, aspect ratio, audio tracks, subtitles, seek forward or back, play or pause, player options, or nothing.

**Back** can't be changed, so there is always a way out. **Restore defaults** puts every button back.

### Popular changes

- Hold **←** to open the group list directly.
- Hold **Info** to start recording.
- **Menu** to add or remove a favourite.

## 17 Settings explained

Open **Settings** from the menu. Categories are listed down the left.

### Playlists

Manage **playlists**, **Channels & groups**, and **Refresh everything now** to reload every playlist and guide immediately.

### Playback

|                                           |                                                                                                                                                                                                                                 |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decoder                                   | <b>Hardware</b> (recommended; best for 4K and HEVC), <b>Hardware+</b> (never falls back; can fix stutter but breaks some streams), <b>Software</b> (most compatible, uses more power; only when a stream won't play otherwise). |
| Buffer size                               | 2 to 30 seconds. More rides out a slow provider; less changes channel faster.                                                                                                                                                   |
| Aspect ratio                              | The default picture shape for all channels.                                                                                                                                                                                     |
| Audio delay                               | Delays sound to match a picture that's running late. It can only delay, not bring forward.                                                                                                                                      |
| Restart automatically when a stream fails | Reconnect without asking.                                                                                                                                                                                                       |
| Use an external player                    | Hand streams to another installed video player app.                                                                                                                                                                             |

### Interface

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| Theme                                | Midnight, Charcoal, True black or Indigo.                 |
| Channel logo size                    | Small, Medium or Large.                                   |
| Guide density                        | Compact, Normal or Relaxed rows.                          |
| Panel opacity                        | How solid overlays look over the picture.                 |
| On startup                           | Resume last channel, Channel list, TV Guide or Home menu. |
| Show channel numbers / 24-hour clock | Display preferences.                                      |

|                                               |                                                    |
|-----------------------------------------------|----------------------------------------------------|
| <b>Open at start</b>                          | Launch Buna TV when the TV switches on.            |
| <b>Keep playing in a small window on Home</b> | Picture-in-picture when you press the Home button. |
| <b>Background playback</b>                    | Keep playing when you leave the app.               |

## TV Guide

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| <b>Days of guide to keep</b>                           | 1 to 14 days ahead. Fewer days load faster and use less space. |
| <b>Update the guide every / Update playlists every</b> | 3 to 48 hours, or Never.                                       |
| <b>Keep History for</b>                                | How long watched channels stay in History.                     |
| <b>Keep finished programmes for</b>                    | Also how far back you can browse catch-up in the guide.        |
| <b>Only update on unmetered networks</b>               | Skip automatic updates on mobile data.                         |

## Recording

**Storage** location, and **Start padding / End padding** (0 to 10 minutes).

## Remote control, Parental controls

See [Customising the remote](#) and [Parental controls](#).

## Backup and data

**Backup Data**, **Restore Data**, **Clear guide data** and the network share setup. See [Backup and restore](#).

## About

The app version, build date and your device model. Include these when you report a problem.

## 18 Backup and restore

A backup holds your playlists and logins, favourites, custom groups, hidden and renamed channels, and settings. Use it to move to a new TV, or to set up a second one in minutes.

### Making a backup

- 1 Go to **Settings > Backup and data > Backup Data**.
- 2 Choose where it goes: this TV, a USB stick, your network share, or another app or cloud storage through the Android file picker.
- 3 Optionally choose a **passphrase**. With one, nobody can open the backup without it. Without one, it can only be restored by Buna TV.

Backups are always encrypted, because they include your service logins.

### Restoring

- 1 Go to **Settings > Backup and data > Restore Data**.
- 2 Buna TV lists the backups it can find on the TV, USB sticks and your network share, newest first. Choose one, or **Look in another folder**.
- 3 Enter the passphrase if it has one, and confirm.

#### Restoring replaces what's on this TV

Your current playlists, favourites and settings are swapped for the backup's. After a restore, channels reload from your service, which can take a minute or two.

### Backing up to a PC, Mac or NAS (network share)

Under **Settings > Backup and data > Setup SMB**, enter the computer's name or IP address, the shared folder, and a username and password (leave the username empty for guest access). Choose **Test connection**, then **Save**. The share then appears as a place to back up to and restore from. The password is kept encrypted on the TV and never included in a backup.

# 19 Troubleshooting

## A channel won't play

- Try another channel. If none play, check your subscription hasn't expired (see the playlist's status in **Settings > Playlists > Manage playlists**) and that the TV is online.
- If only one channel fails, it may be off air or temporarily down at your service.
- "This box couldn't decode the stream": change **Settings > Playback > Decoder** to **Software** for this kind of stream.
- "The channel is copy-protected": Buna TV can't play protected (DRM) channels.

## Picture stutters or keeps buffering

- Increase **Settings > Playback > Buffer size**.
- Use a network cable or move closer to the Wi-Fi router.
- Try the **Hardware+** decoder.
- Check nothing else on your network (or another device using the same subscription) is using the connection.

## Sound is out of sync

If the sound comes before the picture, increase **Audio delay**, from the player options (hold **OK**) or in Settings. Sound that lags the picture usually comes from the TV or soundbar; check its own "AV sync" or "lip sync" setting.

## The guide is empty or wrong

- Choose **Refresh everything now** in **Settings > Playlists** and wait for the guide to finish loading.
- Check the playlist's status says the guide loaded. If it says "Guide failed", check the guide address under the playlist's **More options**.
- For a single channel, hold **OK** on it and use **Assign EPG**.
- Times off by an hour or more? Check your TV's own time zone setting.

## New channels from my service don't appear

Refresh the playlist. Also check **Channels & groups**: the group may be switched off.

## Catch-up won't play

Not every channel or service has catch-up, and archives only go back so far. Only programmes marked **Catch-up available** can be played.

## A recording is missing or "Didn't record"

- Check that Buna TV is allowed to set alarms (Android settings > Apps > Buna TV).
- The TV must be on or in standby at the time, and connected to the internet.
- If you were watching another channel, your plan may allow only one stream.
- Check there's free space where recordings are saved.

## The app closed unexpectedly

Open it again. Buna TV shows a panel with details of what went wrong. A photo or screenshot of that panel is the most useful thing to send with a report.

## Reporting a problem

Please include the app version and device (from **Settings > About**), what you were doing, what you expected, what happened, and whether it happens again. **Never include your username, password or playlist links**, and blur them out of any photo.

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## 20 Privacy

- No ads, no analytics, and no account to create.
- Your playlists, logins and viewing history stay on your device.
- Buna TV only connects to the TV services and network shares you add yourself.
- Crash details are kept on your device and shown to you; nothing is uploaded.
- Backups are encrypted and saved only where you choose.
- Uninstalling the app removes everything it stored.

## 21 Quick reference: remote keys

These are the out-of-the-box keys while watching live TV. Most can be changed in [Customising the remote](#).

| Key                                                                                                                                                                                                                                                                                                                                     | While watching live TV                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|     | Previous / next channel                                                                  |
| Number keys                                                                                                                                                                                                                                                                                                                             | Go to a channel by number                                                                |
|                                                                                                                                                                                                                                                        | Quick guide (channel list with the schedule)                                             |
|                                                                                                                                                                                                                                                        | Catch-up for this channel                                                                |
|                                                                                                                                                                                                                                                        | Playback controls                                                                        |
| Hold                                                                                                                                                                                                                                                   | Player options                                                                           |
|                                                                                                                                                                                                                                                        | Show or hide the information bar                                                         |
|                                                                                                                                                                                                                                                       | Playback controls                                                                        |
|                                                                                                                                                                                                                                                      | Quick guide                                                                              |
|                                                                                                                                                                                                                                                      | Close what's open; on plain live TV, open the TV guide. Keep pressing to reach the menu. |

| Key                                                                                                                                                                     | In the TV guide                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|   | Change channel row                                                                                                                        |
|   | Move through time;  from the channels opens the groups |
|   | Jump the time window forward or back                                                                                                      |
|                                                                                      | Watch now · play from catch-up · remind or record                                                                                         |
| Hold                                                                                 | Programme or channel options                                                                                                              |

| Key                                                                                      | Everywhere else                  |
|------------------------------------------------------------------------------------------|----------------------------------|
| Hold  | Options for the highlighted item |
|       | One step back                    |