# greenTV 2.0

Instructions

# Inhaltsverzeichnis

# 1    Important note

Chapter 3 describes the key assignments of the current remote controls. In the corresponding tables in column 2 you will find the official designation of the described key. In the following instructions these names are used to describe the processes.

# 2    Connecting the TV Box
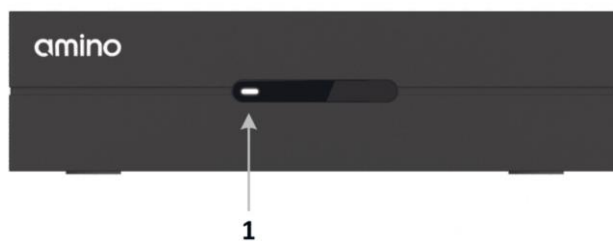


1.   Power/Activity LED

| Blue | The box is turned on |
|---|---|
| Blue flashing | Receiving Infrared (IR) command |
| Red | The box is in standby |
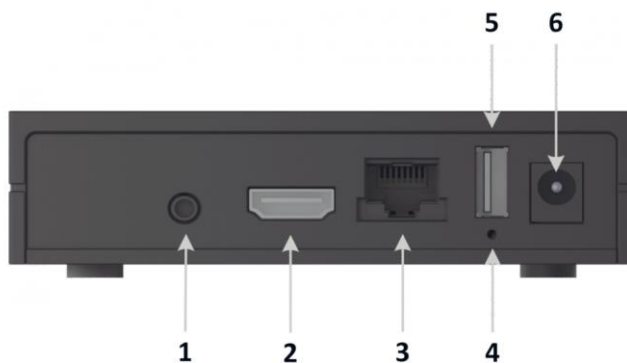


1.   analog A/V output
2.   HDMI output
3.   Ethernet connection
4.   Reset button (no function with normal use.) Use only under the guidance of your service provider.
5.   USB connection
6.   direct current input 12 V 1A

![green logo]

## 2.1 HDMI
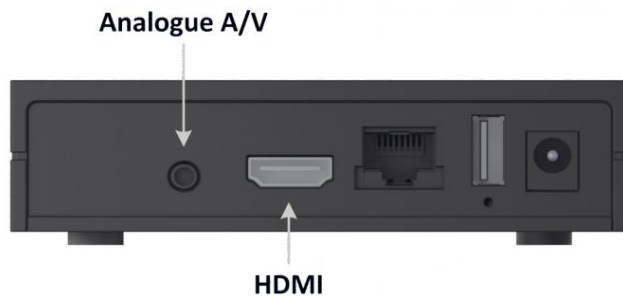


Use the supplied HDMI cable to connect your TV box to the TV. Note that the TV's video source still needs to be set to the correct connector to use the TV Box signal.

## 2.2 Internet
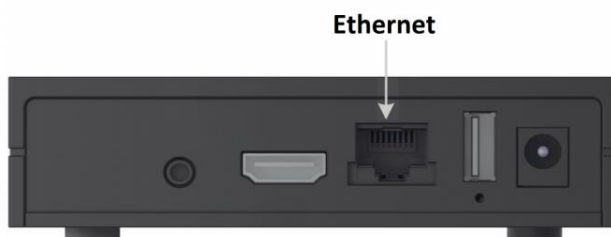


Use the supplied LAN cable to connect the TV Box to your router. The TV Box can be connected to a powerline adapter, but be aware that such adapters are susceptible to interruptions.

## 2.3 Power
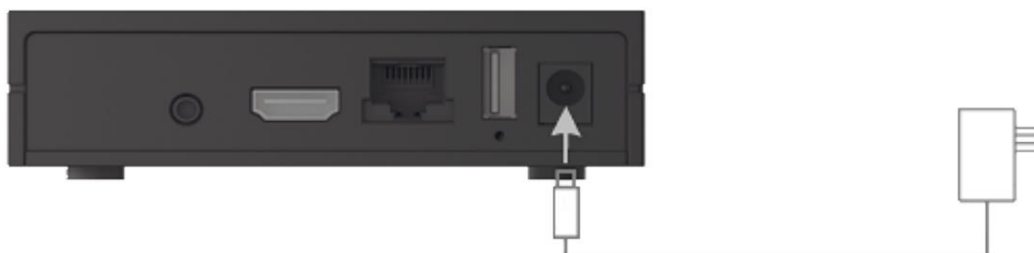
## 2.4  Activation

As soon as the TV Box is connected to the power supply, it starts the installation of the system automatically.

**This process can take a few minutes and includes several restarts.**

If the TV set does not automatically display the signal from the set-top box, the correct source must be set manually. To do this, press the Source button on the TV set or on the remote control of the TV set until the picture of the set-top box appears.

Usual symbols for the source key on the remote control of your TV set

![green logo]

# 3 Key Assignment

## 3.1 Arris REX



| Nr. | Taste | Funktion |
|-----|-------|----------|
| **Nr.** | **Key** | **Function** |
| 1 | Standby | Switches the TV box to standby mode. |
| 2 | Numbers | Directly switch to a certain channel by its specific number. Also used as text input. |
| 3 | Teletext | Switches to Teletext of the specific channel, if available. |
| 4 | Info | Shows available options for the current program or any selected program in the program guide. |
| 5 | Program Guide | Quick selection key to open the program guide. |
| 6 | Channel | Changes the currently active channel, either up or down. |
| 7 | Volume | Increases or decreases the sound volume of the TV box. |
| 8 | Mute | Deactivates or activates the sound of the TV box. |
| 9 | Menu | Opens the menu of the TV box. |
| 10 | Close | Closes the menu of the TV box. |
| 11 | Navigation | Used for navigation within the menu of the TV box. |
| 12 | Back | Returns to the previous step within the menu of the TV box. |
| 13 | Search | Full text search for the program guide. |
| 14 | Recording | Recording for the active program or selected programs within the program guide. |
| 15 | Replay Menu | Quick selection key to open the replay menu. |

## 3.2 Amino OAK
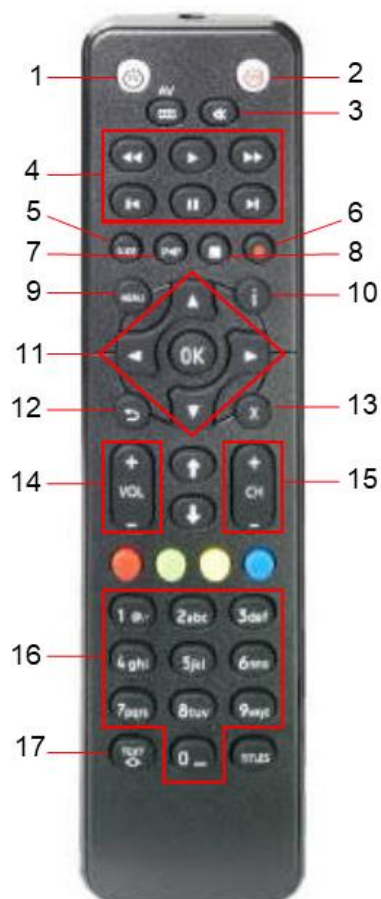
| Nr. | Key | Function |
|-----|-----|----------|
| 1 | TV Standby | Switches the TV device to standby mode. |
| 2 | TV Box Standby | Switches the TV box to standby mode. |
| 3 | Mute | Deactivates or activates the sound of the TV box. |
| 4 | Replay Controls | Control keys to be used within replays. Can also be used within the program guide to switch between days or switch to live TV |
| 5 | Program Guide | Quick selection key to open the program guide. |
| 6 | Recording | Recording for the active program or selected programs within the program guide. |
| 7 | Replay Menu | Quick selection key to open the replay menu. |
| 8 | Stop | Stops the active replay. |
| 9 | Menu | Opens the menu of the TV box. |
| 10 | Info | Shows available options for the current program or any selected program in the program guide. |
| 11 | Navigation | Used for navigation within the menu of the TV box. |
| 12 | Back | Returns to the previous step within the menu of the TV box. |
| 13 | Close | Closes the menu of the TV box. |
| 14 | Volume | Increases or decreases the sound volume of the TV box. |
| 15 | Channel | Changes the currently active channel, either up or down. |
| 16 | Numbers | Directly switch to a certain channel by its specific number. Also used as text input. |
| 17 | Teletext | Switches to Teletext of the specific channel, if available. |

![green logo]

## 3.3 Amino Maxi



| Nr | Key | Function |
|----|-----|----------|
| 1 | TV Source | AV source selection button |
| 2 | TV/AUX Standby | On/Off button for the TV set |
| 3 | Colour navigation buttons | Application for teletext |
| 4 | SKIP-Back button | Jump to the beginning of a running pro-gramme or jump back -10 seconds in time-shifted TV mode. |
| 5 | Rewind or fast forward, play/pause button, stop and record button | Keys for operating replays, starting/pausing a programme, ending an active relay Record the active programme on Live TV or a selected programme in the Programme Guide. |
| 6 | Menu button Set-Top-Box / Home | Opens the menu of the TV Box |
| 7 | Navigation and Ok button | Serves for navigation in the menu of the TV Box |
| 8 | Back key | Navigates to the previous step in the TV Box menu |
| 9 | Volume | Increases or decreases the sound volume of the TV box. |
| 10 | Numbers | Directly switch to a certain channel by its spe-cific number. Also used as text input. |
| 11 | Teletext | Switches to Teletext of the specific channel, if available. |
| 12 | Option | Audio & Video Settings |
| 13 | Microphone | / |
| 14 | Set-Top-Box Standby key | Switching the set-top box on/off |
| 15 | Replay Store | replay broadcasts |
| 16 | SKIP forward but-ton | Jump to the end of a running programme or fast forward +10 seconds in time-shifted TV mode. |
| 17 | Programme Guide | Quick selection button to open the program guide |
| 18 | Information but-ton | Info about current broadcast (language, re-cording, watching from the beginning…) |
| 19 | Voice control / Se-arch button | |
| 20 | Channel | Changes the currently active channel, either up or down. |

| | | |
|---|---|---|
| 21 | Mute | Deactivates or activates the sound of the TV box. |
| 22 | Subtitle button | Audio language & subtitles |
| 23 | Radio button | Switching on the radio |
| 24 | Low battery warning LED | Battery status display |

# 4    Recordings

## 4.1  From live TV

To record a program currently playing on live TV, press the recording key. In the upper right corner of your screen an info message will pop up, informing you that the program is being recorded.



To open the settings of the current recording, press the recording key for a second time. A menu will pop up, which allows you to delete/cancel the recording and also allows you to choose if you only want the current program to be recorded or record all the programs within the same series. Please note that your choices always need to be confirmed by pressing OK.
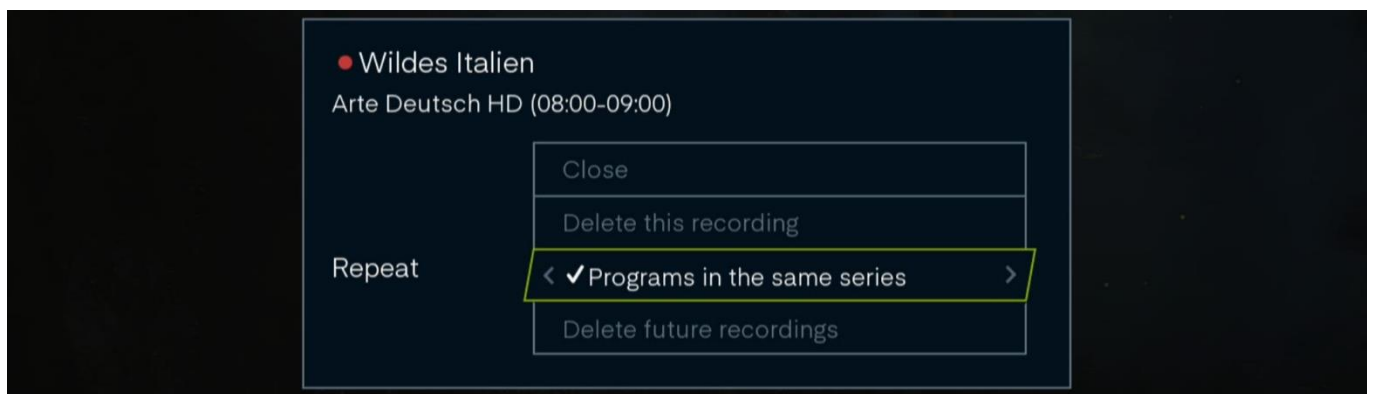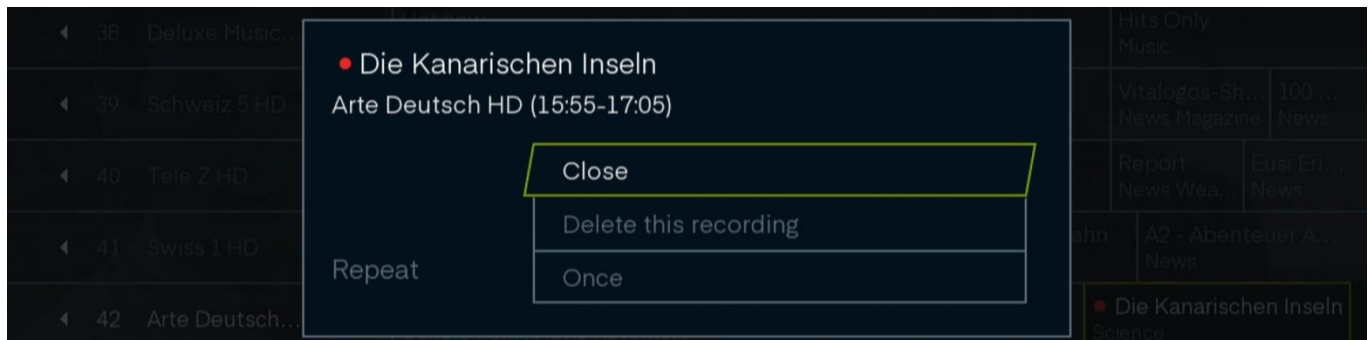
## 4.2 From the program guide

Using the program guide key, navigate to the program guide of your TV box. Now choose the desired program by using the navigations keys. Press the recording key. The program will now be marked by a red dot to indicate that it's being recorded.



To open the settings of the current recording, press the recording key for a second time. A menu will pop up, which allows you to delete/cancel the recording and also allows you to choose if you only want the current program to be recorded or record all the programs within the same series. Please note that your choices always need to be confirmed by pressing OK.

## 4.3 Viewing and editing recordings – Recordings menu

Open the menu of your TV box by using the menu key and navigate to "Media Library". Confirm this by pressing OK. The Media Library will open within a separate menu.
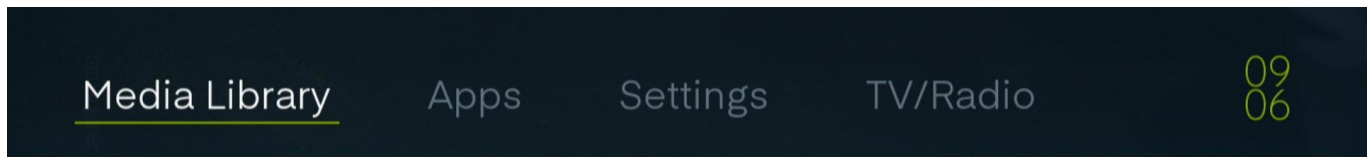


Within the uppermost paragraph you can see the different options "Recent", "Recordings" and "Schedules". "Recent" will show your recordings within the last week. "Recordings" will list all your recordings. "Schedules" will show all recordings scheduled for a future date.
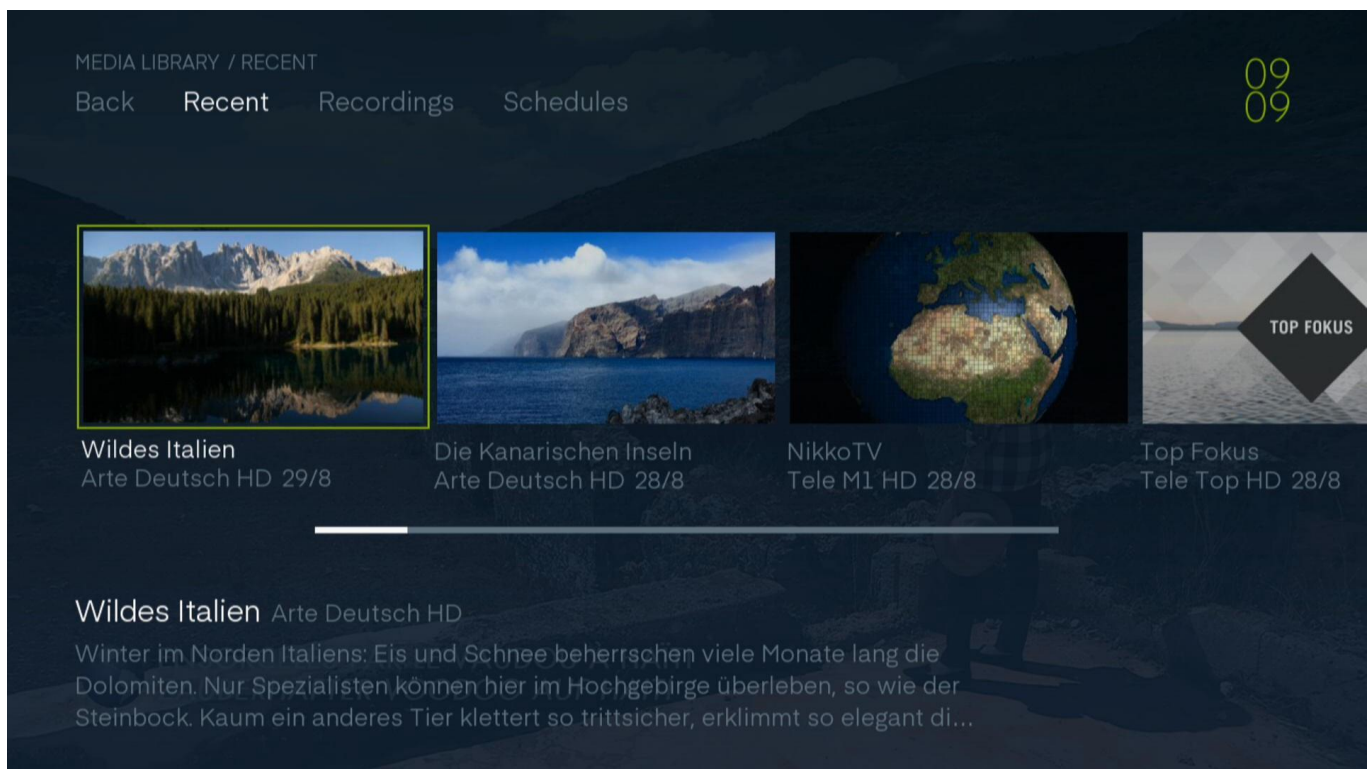


In the view "Recent", choose any recording and confirm with OK to open it. You will now see a view with all available options for the chosen recording. The recording can be locked (only viewable with Master PIN), viewed, deleted or edited. The option "edit recording" will open the settings which have already been explained within the past two chapters.

In the view «Recordings» you will be shown all recordings including their date, length, category etc. On the left hand side you will also see all the options for the recording currently selected.
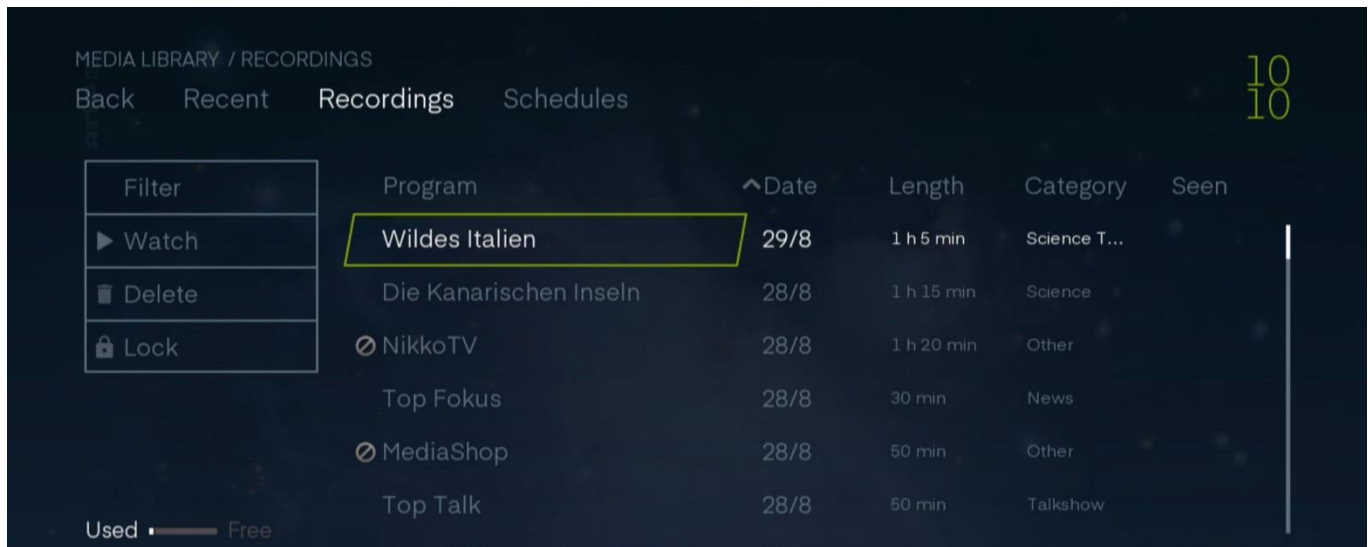


The view «Scheduled» shows a list of all recordings scheduled for future dates including their date, length, category etc. On the left hand side you will also see all the options for the recording currently selected.
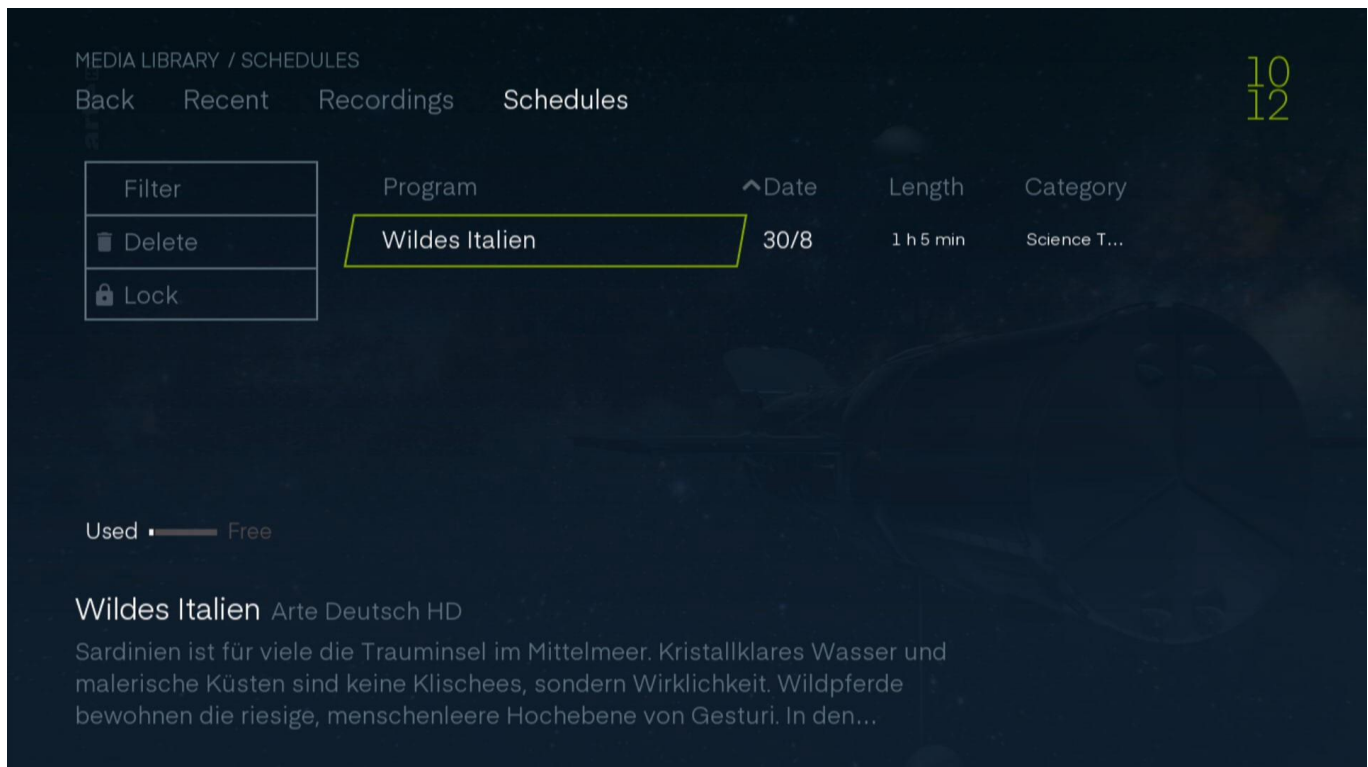
# 5 Replay

## 5.1 Viewing a program in replay

GreenTV comfort offers 7 day replay on more than 90% of its active channels. This means, that programs running on these channels, which are not older than 7 days can be replayed at any time.

To use this feature open the program guide using the program guide key. Using the navigation keys navigate to your desired program. Confirm by pressing OK. The menu for the chosen program will now pop up.



Beneath the options "Record" (explained in the past chapter), «watch channel» (changes to live TV on this channel) and "more like this" (shows similar programs) you will find the option "play program", which if confirmed by pressing OK will start playing the chosen program from the beginning.

**Note**: There is a possibility, that the starting time of the replay does not exactly match the starting point defined in the program. In this case you can fast forward or rewind to the correct time using the replay control keys.

**Hint**: Within the Program guide you can use the skip keys to skip 24h.

# 6 Using the controls for replays/recordings

When viewing a replay or a recording you can use the replay control keys to control the replay/recording.

## 6.1 Fast forwarding and rewinding

Using the fast forward and rewind keys, you can fast forward and rewind with up to 32x speed.



## 6.2 30 second skip

Using the skip keys, you can jump 30 seconds ahead or backwards within the replay/recording.



## 6.3 Pause

Using the start and pause keys, you can start and stop the replay/recording.


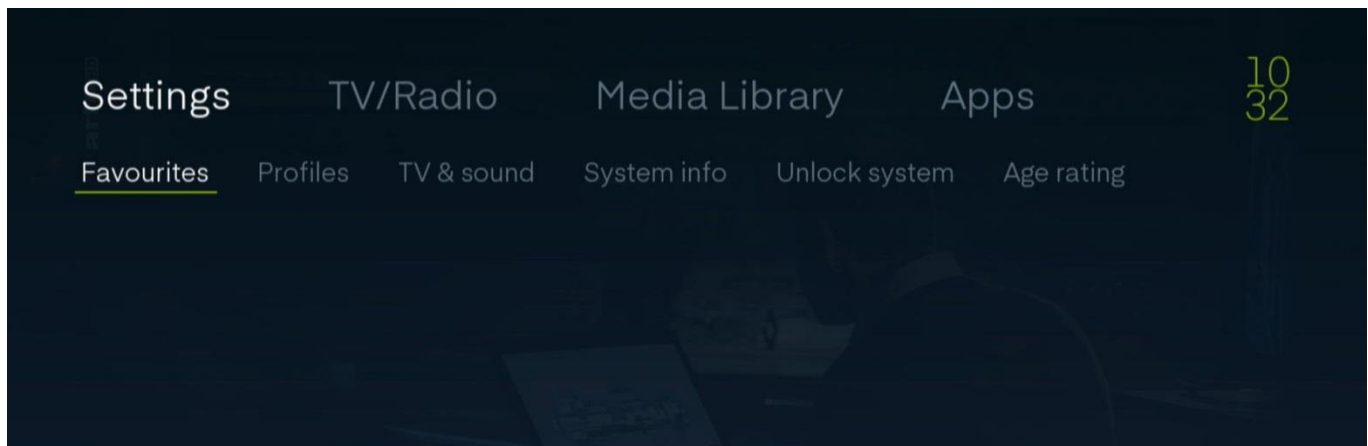
## 6.4 Stopping the replay/recording

Using the stop key, you can stop and leave the current replay/recording.

# 7 List of channels

## 7.1 Opening a list of channels

Use the menu key to open the menu of your TV box. Navigate to "Settings" using the navigation keys and confirm by pressing OK. In the sub menu choose "Favorites" and press OK to confirm.



In the uppermost paragraph you can now see the different list of channels. These consist of "All" (default list of channels with all available channels) and "Favorites" 1-5, which are 5 list of channels which you can configure by yourself.

![green logo]
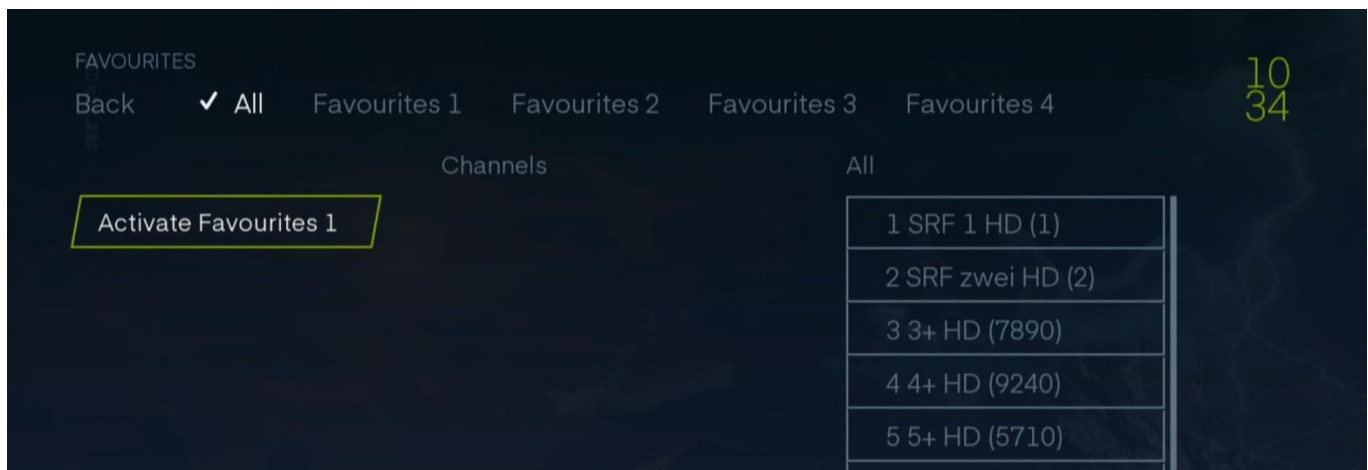
Using the navigation keys, choose the desired list of channels and confirm by pressing OK. The space below is divided into three different columns. The first column contains the options to activate the selected list of channels, "Include all" (adds all available channels to the selected list of channels) and "Exclude all" (removes all currently selected channels from the selected list of channels).

The second column «Channels» shows all channels, which have not yet been added to the selected list of channels.

The third column shows the content of the selected list of channels.
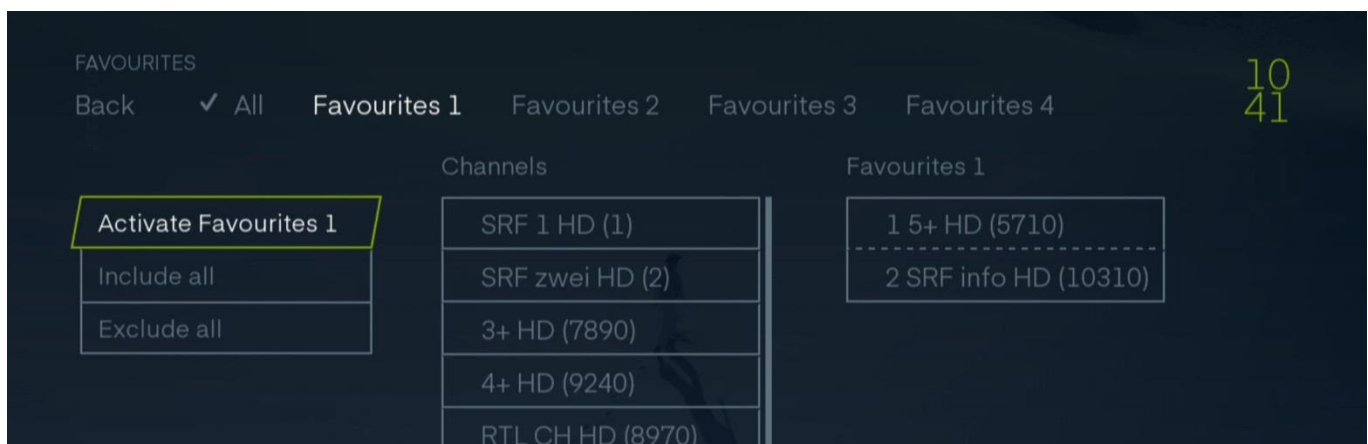


## 7.2 Adding channels

To add channels to the currently selected list, use the navigation keys to navigate to the desired channel within the column «Channels». Now press OK. The selected channel will now disappear from the second column and will appear in the third column named "Favorites 1" in this case.
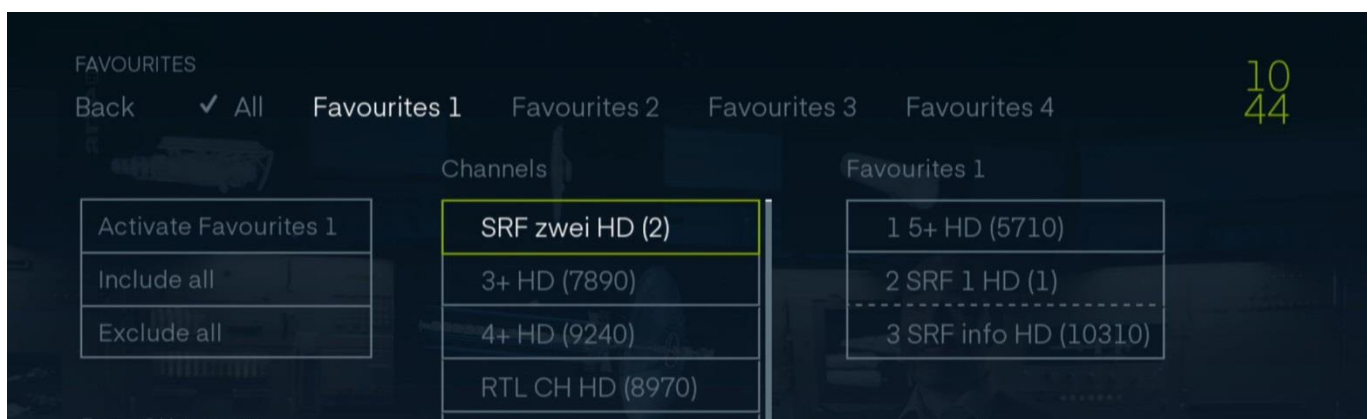


The channel has now been added to the list of channels «Favorites 1». To add further channels to this list, just repeat this process.

## 7.3  Removing channels

To remove a channel from the selected list of channels, use the navigation keys to navigate to the desired channel within the third column, named «Favorites 1» in this case. Confirm by pressing OK. The system will now show three arrows right next to the selected channel.



The red arrows placed above and beneath the selected channel are used to move the channel within the list (explained within the next chapter). The arrow placed on the left-hand side is used to remove the channel from the list. To remove the selected channel form the list use the arrow pointing left on your navigation keys. The channel will disappear from the third column "Favorites 1" and will reappear in the second Column "Channels". The channel has now been removed from the selected list of channels. To remove further channels from the selected list, just repeat the process.

## 7.4 Sorting channels

To move a channel within the selected list of channels, first use the navigation keys to choose the desired channel. Press OK to confirm. The system will now show three arrows right next to the selected channel.

The red arrows placed above and underneath the selected channel are used to move the channel within the list
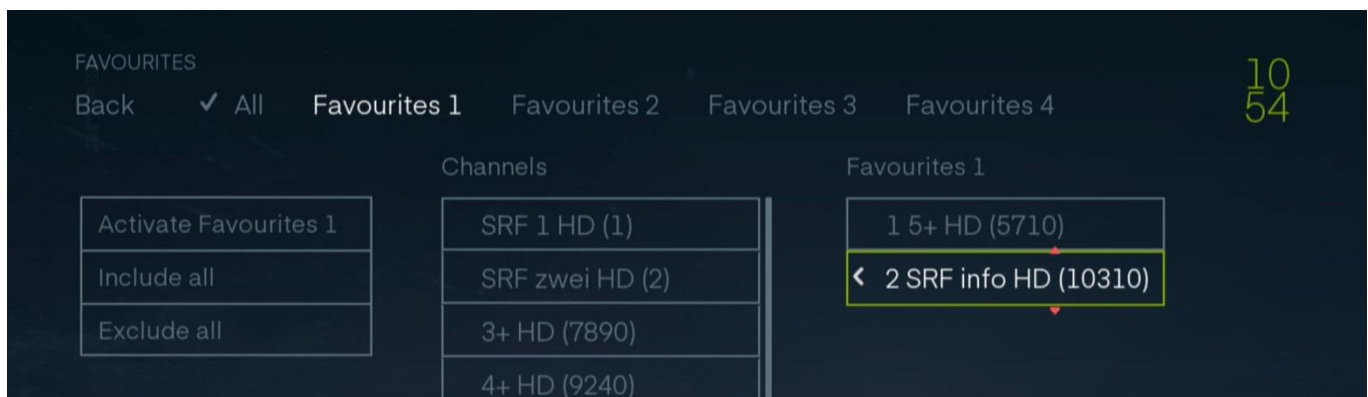


Using the navigation keys, the channel can now be moved either up or down within the list. Therefore use both the key with the arrow facing up and the key with the arrow facing down. As soon as you have moved the channel to the desired place within the list, press OK to confirm. The channel has now been moved to the desired place. To move further channels within the selected list, repeat this process.
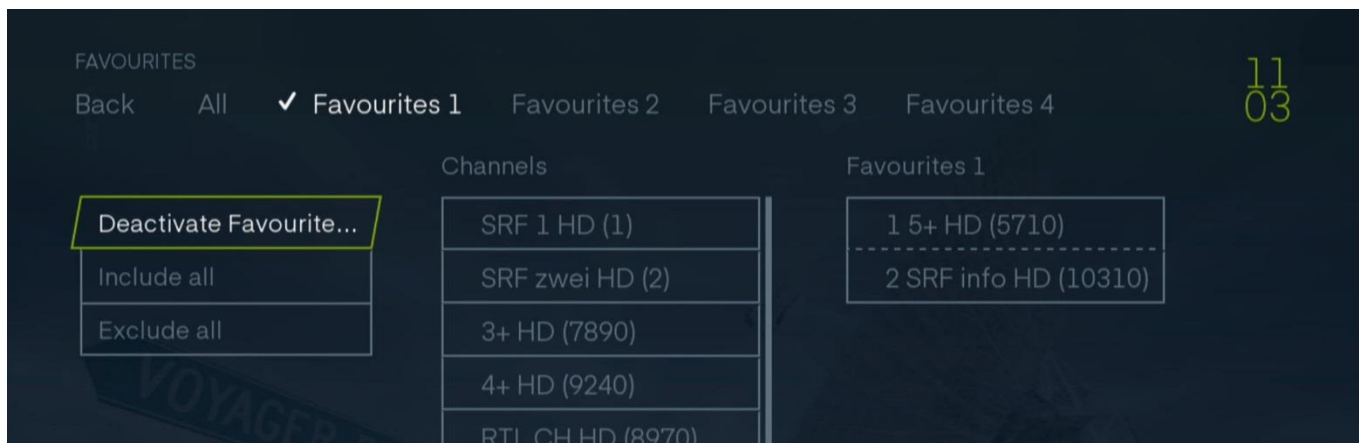
## 7.5 Activating a list of channels

The currenty active list of channels is always marked with a check mark in front of the list's name. To activate a different list, use the navigation keys to choose the desired list and press OK to confirm.

In the first column you can now activate this list by pressing the first option «activate Favorites 1» in this case.



As soon as the list has been activated, the check mark will appear in front of its name, and the first option of the first column will switch from «activate» to «deactivate».



The option «Deactivate Favorite 1» doesn't have to be used in normal circumstances, since the previously active list of channels will always be deactivated when activating a different list.

## 8    What's On

GreenTV offers a What's On Feature. Here replays (programs of the last 7 days) are sorted into different categories ranging from culture to sports. To use this feature, open the menu of your TV box by pressing the menu key and use the navigation keys to navigate to "TV/Radio". Within the sub menu, choose "What's On?" and confirm by pressing OK.
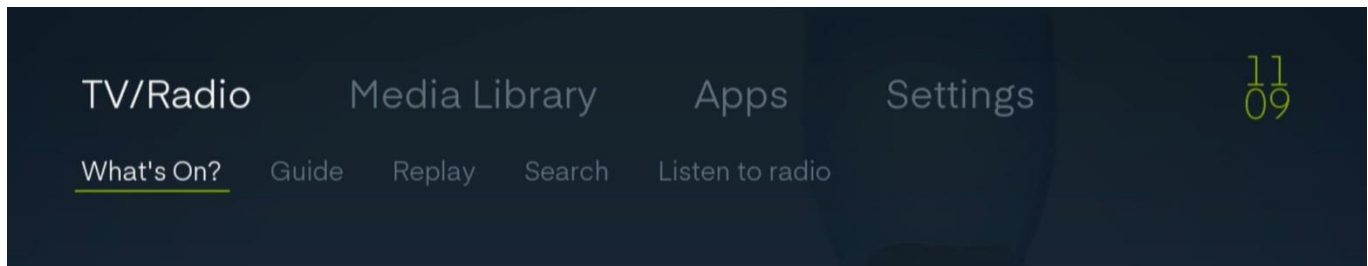


Use the navigation keys to select «Replay» within the uppermost paragraph. You will now be shown a list of different categories.
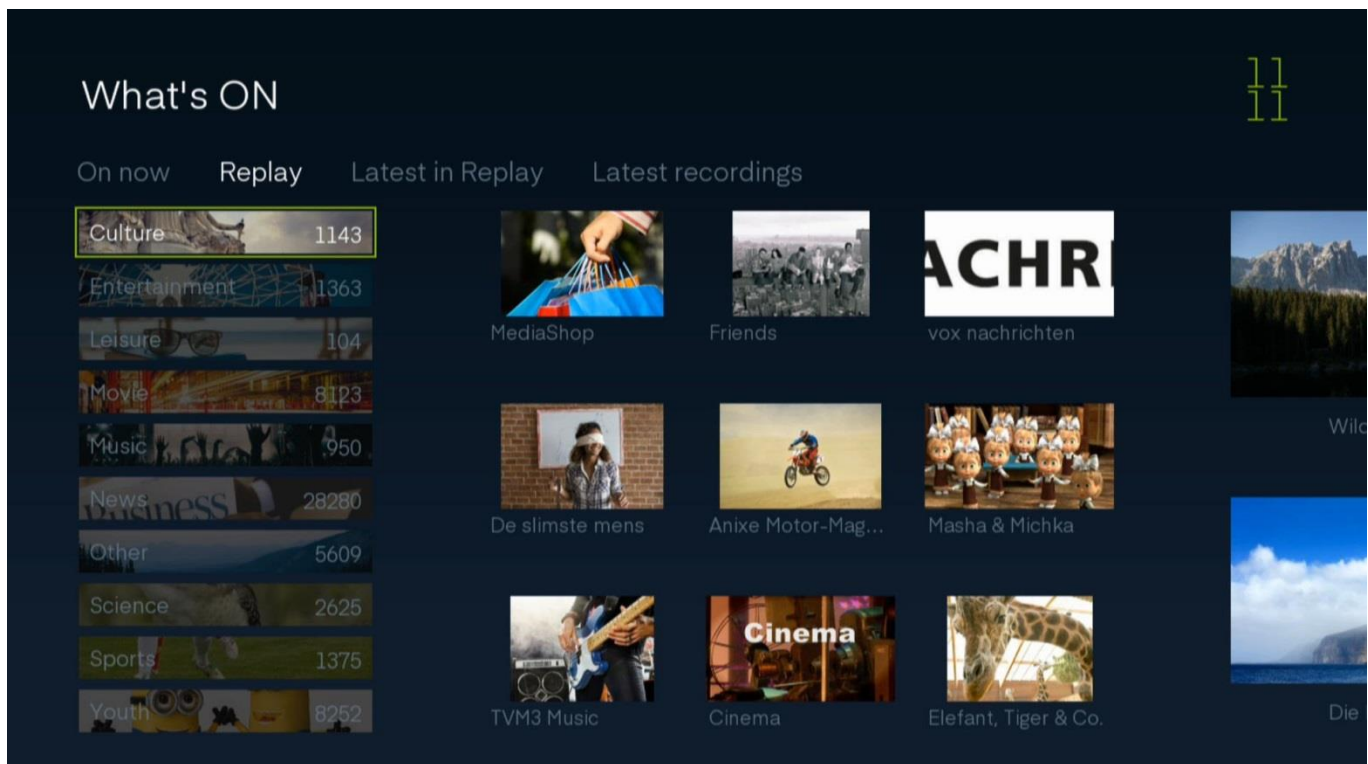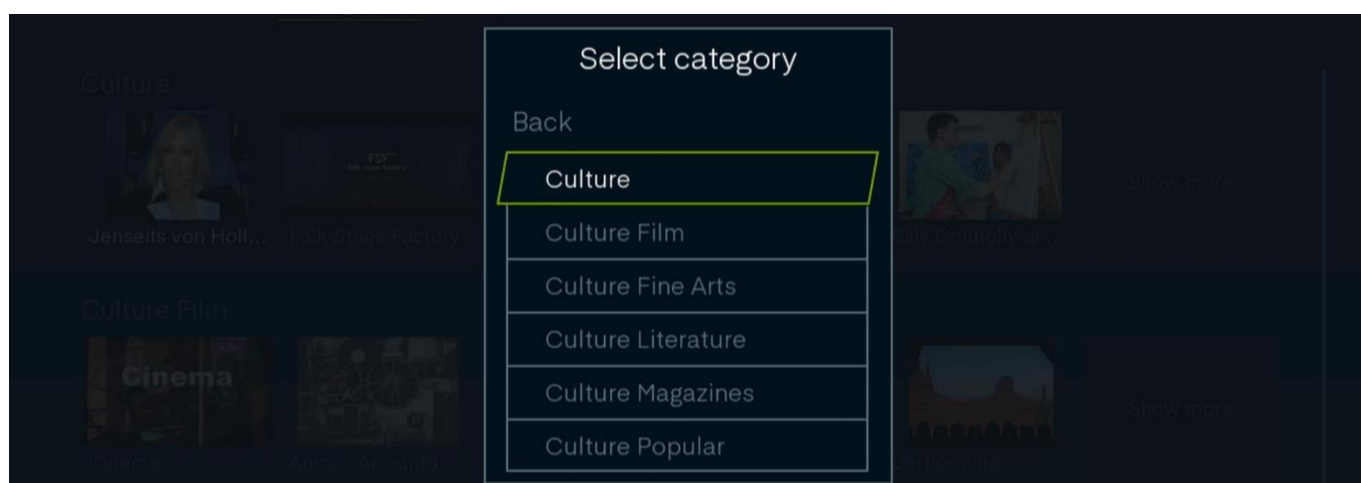


Choose the desired category and confirm by pressing OK. You will now see an overview with different replays available in the selected category.
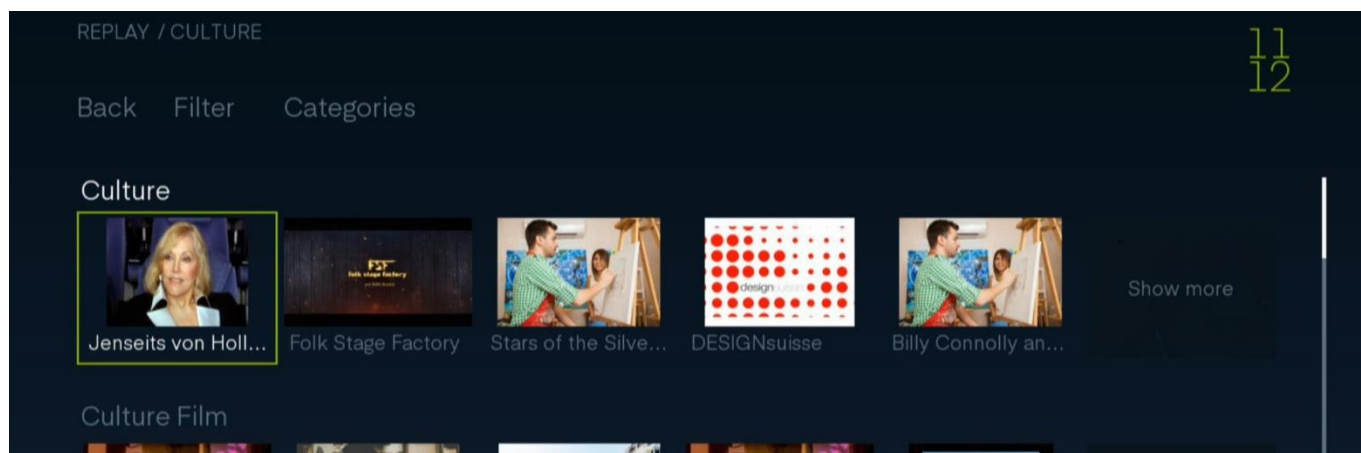
Using the option «Filter» you can filter the replays by language.



Using the option "Categories" you can further filter the replays by choosing sub categories.

# 9 Important settings

## 9.1 General Settings

General settings such as menu language, audio language and subtitles can be configured via the settings of the TV box. Use the menu key to open the menu of the TV box. Use the navigation keys to navigate to "Settings" and confirm by pressing OK.
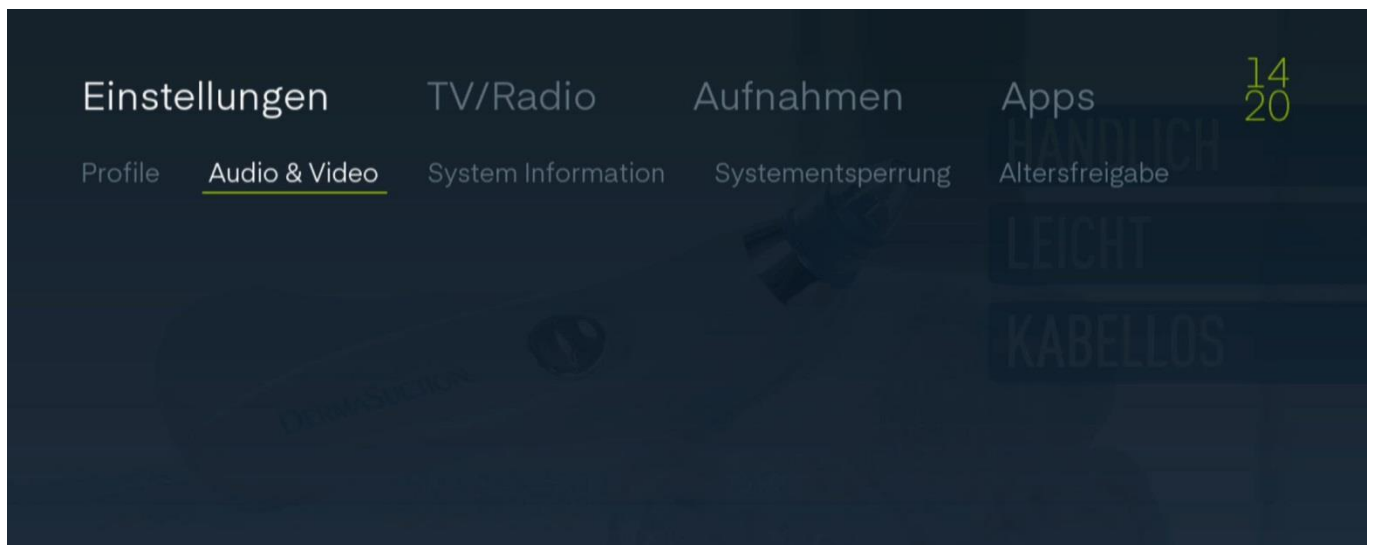


Within the sub menu choose «TV & sound» and confirm by pressing OK. You will now be shown a menu with different settings.

![green logo]

The settings explained:

- The menu language defines the language of the menu of the TV box.
- The audio language defines the default audio language. If available, this language will be played by each channel. Should the language selected not be available, the default audio language of the channel will be played.
- The subtitle language defines the desired language for subtitles. If the channel offers a subtitle in the desired language, it will be displayed.
- The info timeout defines the duration a system message will be shown (for example the message, that a program is now being recorded).
- EPG timeout defines the time span which is shown within the program guide. We recommend to check with the default settings since this can get crowded quite quickly.
- My TV Screen defines the aspect ratio of your TV. This only has to be changed in case of you using a device with a 4:3 aspect ratio.
- 4:3 broadcasting format defines how 4:3 channels are displayed.
- Lastly you can define the location of your TV box.

## 9.2 Defining specific audio and subtitle languages on channels

Audio and subtitle languages can be defined while watching live TV as well as replays. Therefore press the info key to get into the menu of the currently program.



Choose the option «Language» and confirm by pressing OK. You will be shown a dialog box, which lets you change both audio and subtitle language, provided that there are different languages being offered by this channel.
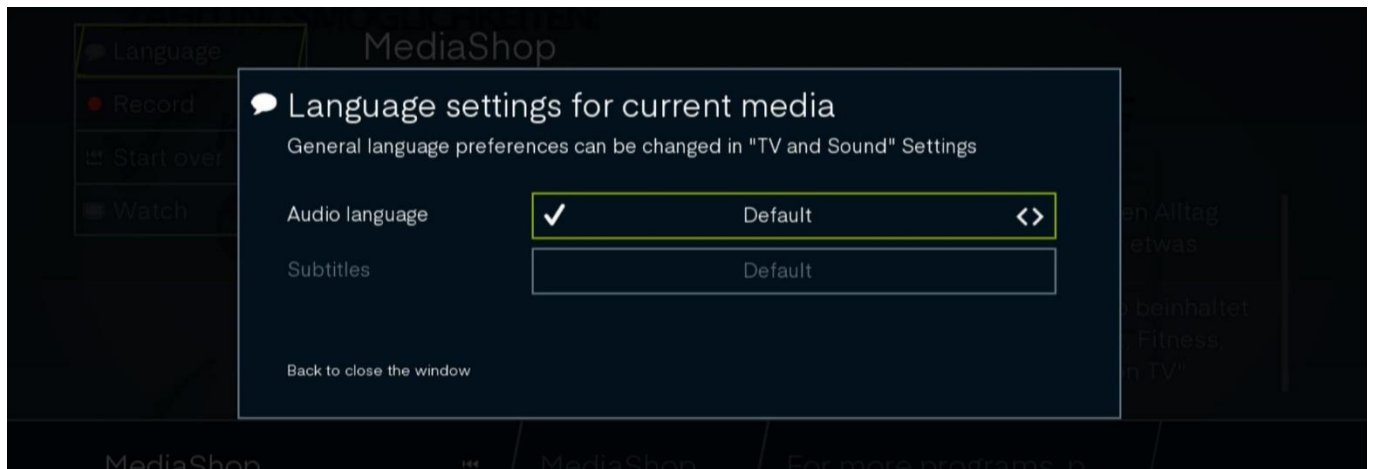
After you have defined the audio and subtitle languages, you can get back into live TV or replay by pressing the back key. The program will now be shown using your language settings.