User Guide



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Welcome to TV PLUS

Many thanks for having chosen TV PLUS! We assume that by now you have connected and started your box using the Quick Start Guide included in your package. With the TV Box you can navigate the standard TV features in a very intuitive, "standard TV way", so you might want to just go ahead and play. If, on the other hand, you prefer to begin with a guided tour – read on!

Getting started

Your TV Box will wake up in LiveTV mode and you will be able to watch the TV program right away. While LiveTV is running, you can:

 Use the OK button to see information about the show you are watching and the next show on the same channel. This is called On-Screen Display or OSD. It will automatically disappear after a few seconds.



- Use the ▶ arrow on your remote control to open the OSD, and again to open the detailed view and navigate inside it and use the ◄ arrow repeatedly to close the various OSD screens one by one. Use the ⊃ button to close all OSD screens at once.
- Use the ▲ and ▼ arrows on your remote control. This will open the same OSD and will also show the channel list. Select another channel and press OK button to change channels quickly.



• Use the ▶ arrow to open a more detailed view if you want to see more information about the current program. The detailed view may have multiple pages and additional information like genre, actors or director information, etc.

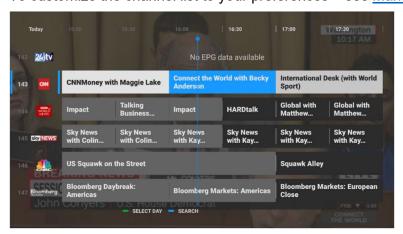


All functional areas of the TV Box are always accessible via the main menu by pressing the **MENU** button.

Menu PROGRAM GUIDE

Electronical Program Guide (EPG)

Press the **GUIDE** button to see the on-screen Program Guide, also known as Electronical Program Guide or EPG. The Program Guide always covers a two-week period - one week in the past and one in the future. The shows are organized by channels and by showing times. To customize the channel list to your preferences – see Managing my channel lists



While in this Program Guide view, you can:

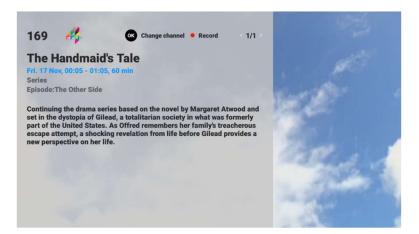
- Navigate up and down the TV channels by using ▲ and ▼ buttons.
- Browse through past programs move left using button. You can select past shows provided by the Replay service, currently for up to 7 days in the past – see <u>Function Replay - watching past programs</u>.
- Browse through future programs move right using the ▶ button. You can record future shows - see <u>Function RECORDING</u>.

 Use the green button to select a day on the calendar. The Program Guide will now show the program for the selected day.



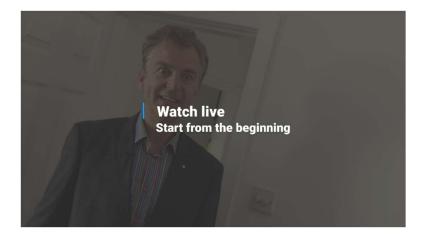
- To exit the Program Guide and go back to watching Live TV, press or the GUIDE or the TV button.
- Press OK to select the highlighted show.

Pressing OK on the highlighted show will display details about this show like genre, title, episode name, storyline, cast and other details (depending on availability).



You can:

- Read all info pages by using the ◀ or ▶ buttons number of available pages is shown in the top right corner.
- Use the OK button to watch the selected show.
 - If this show has already ended, it will automatically start playing from the beginning.
 - o If the show is currently running, a pop-up menu will show up where you will be able to decide if you want to watch the show from the beginning or watch live.



- o If the show is in the future, you can switch to that TV channel (to LiveTV).
- Use the REC button to record the selected show.
- Use the button to leave the detailed view.
- Press or TV button to leave the Program Guide view and go back to LiveTV.

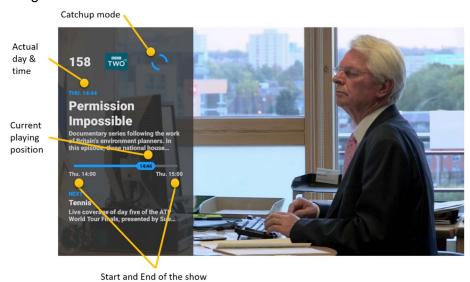
Menu REPLAY

Function REPLAY - watching past programs

The **REPLAY** function allows you to watch programs that are up to 7 days in the past. All programs listed in the Program Guide are available for Replay.

Note: Replay differs from recordings in that individual shows do not have to be recorded but are only available for a limited time (today minus 7 days). Recordings, on the other hand, are stored and remain available for an unlimited period.

Replay is activated simply by selecting and starting a past program from the Program Guide (GUIDE button) or the REPLAY menu. The program will start from the beginning and for a few seconds, you will see the On-Screen Display which provides program information and navigation features.



Notes:

- You can rewind, fast-forward and pause the playing show at any time.
- While watching a show in Replay, use the TV button to continue watching LiveTV on the current channel at any time.
- While watching a show in Replay, use the STOP button to skip the currently watched show and watch the next show. You can use the STOP button as many times as you want to skip shows one by one until you reach LiveTV.

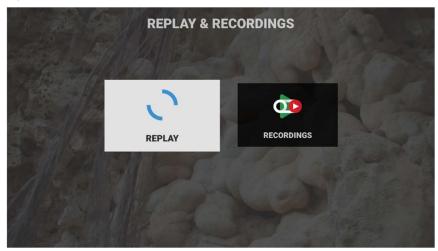


Controls for Play, Pause, Rewind and Fast Forward.

Menu REPLAY

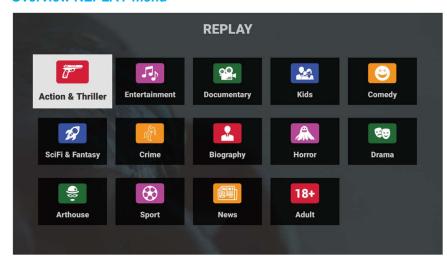
Shows that have already been played or missed are now available in a separate menu, where they can be selected and viewed in replay mode. The menu contains various tiles with different genres, e.g. 'Documentary', 'Sport' etc., into which the individual shows are grouped according to the information in the detailed show info. Select a tile and the corresponding contents are displayed. These can be sorted according to various criteria with the **green** function button. The **REPLAY** menu can be opened either in the main menu or by pressing the **LIB** button on the remote control.

Open REPLAY menu via the LIB button on the remote control



Both new menus
REPLAY and
RECORDINGS can be
displayed by pressing
the LIB button and
opened directly.

Overview REPLAY menu



The **REPLAY** overview shows the tiles with the genres.

Select a tile, press the OK button on the remote control and you will get to the detailed view within the selected genre.

Detailed Genre view



The detailed view of the selected genre contains a selection of the most recent (max. 250) shows only for channels in the Favorite list you are currently using (Default list or one of your favorite lists).

The sorting is changeable with the green function button.

Sorting with the green function button:
 NEWEST ON TOP / OLDEST ON TOP / BY TITLE

Notes:

- If more content is available than can be seen in the current section, this is indicated by arrows on the right-hand edge of the screen.
- Only shows from channels that are contained in the Favorite channel list currently in
 use (default list or one of your favorite lists) are displayed. The Favorite channel list
 currently in use can be displayed by pressing the Favs button on the remote control.

Detailed information of the selected show



Select a show, press the OK button and you will get to its detailed information. These contain all the available information of the show, such as the name of the channel, the time of broadcast, the duration of the show, etc.

By pressing the **OK** button, the show can be viewed immediately. By

pressing the REC button, the show can be recorded.

Menu RECORDINGS

Function RECORDING

The TV Box allows you to store up to ~400h in your Recordings Library. Your recorded shows are kept for you in the **RECORDINGS** menu automatically and indefinitely, regardless of the 7-day replay period.

The recordings are stored online in a cloud-based storage system.

There are various ways to record a show:

- While watching a show, use the REC button to add the current show to the
 recordings Library. After pressing the REC button while watching TV, the current
 show is recorded from its start and a "red dot" icon is shown on the On-Screen
 Display while the show is being recorded.
- While browsing the Program Guide, highlight any show, then press the REC button. This will add the selected show to the RECORDINGS menu. You can record any show found in the Program Guide: past, current and future.
- While the detailed view for a show is on the screen, press the REC button. This will add the selected show to the RECORDINGS menu.
- <u>Select a show in the REPLAY menu</u> and press the OK button. While the detailed view for a show is on the screen, press the REC button. This will add the selected shoe to the RECORDINGS menu.

You can **un-record** a show by pressing the **REC** button again.



You can check at any time which shows are being recorded, it is visible in Program Guide, in the On-Screen Display and in detailed show info. The different labels of a recording look as follows (see screenshot below, as example view from EPG):

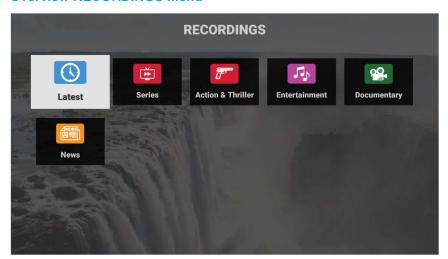
- Fully recorded (show that has already finished playing)
- Partially recorded (show currently playing but not yet finished)
- Marked for recording (show that is in the future)



Menu RECORDINGS

Analogous to the **REPLAY** menu, the **RECORDINGS** menu contains different tiles with genres such as "Documentary", "Sport" etc., in which the individual recordings are grouped according to the information in the detailed show info. Select a tile and the corresponding contents are displayed. These can be sorted with the **green** function button to various criteria. The **red** function button can be used to filter the shows according to their status. The **RECORDINGS** menu can be opened either in the main menu or via the **LIB** button on the remote control.

Overview RECORDINGS menu

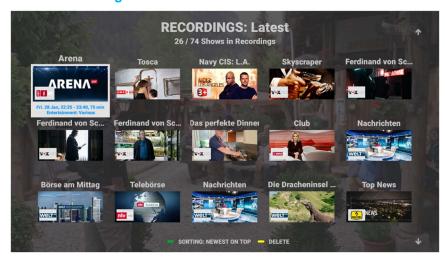


The overview of the menu shows different tiles with the different genres.

Select a tile, press the OK button on the remote control and you will get to the detailed view within the selected genre.

Note: Displayed are only those genres in which corresponding recordings are available.

Detailed view of genre LATEST



Select the tile **LATEST**. The most recent recording sorted by the time of broadcast appears first.

The sorting is changeable with the green function button.

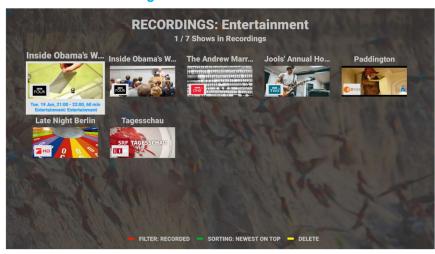
The **yellow** function button deletes the highlighted recording.

Sorting with the green function button:
 NEWEST ON TOP (default) / OLDEST ON TOP / BY TITLE

Notes:

- If more content is available than can be seen in the current section, this is indicated by arrows on the right-hand edge of the screen.
- The tile **LATEST** is used as a genre-independent container.

Detailed view of other genres



The detailed views of the other genres show the recordings corresponding to the genre.

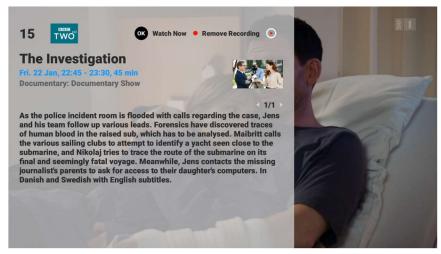
The filtering is changeable with the **red** function button.

The sorting is changeable with the green function button.

The **yellow** function button deletes the highlighted recording.

- Filtering with the red function button:
 RECORDED (default) / PLANNED / ALL
- Sorting with the green function button (within the selected filter):
 NEWEST ON TOP (default) / OLDEST ON TOP / BY TITLE

Detailed information of the recorded show



Select a recording, press the OK button and you will get to its detailed information. These contain all the available information, such as the name of the channel, the time of broadcast, the duration of the show, etc.

Press the **OK** button to view the show. Pressing the **REC** button removes

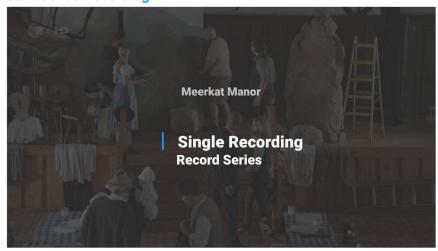
the show from the recordings.

Note: Unlike the **REPLAY** tiles, in **RECORDINGS** all recorded shows are available, even those made on channels that are not contained in the current Favorite channels list. Thus any recording made can be played back.

Series recording

All episodes of shows that are defined as a series in the detailed show info can be recorded with the series recording function. Series are stored in the **RECORDINGS** menu in the **SERIES** tile. The recording works for series episodes currently playing in LiveTV or future episodes. Series recordings can be done either directly in LiveTV or in the Electronical Program Guide (GUIDE button). In the selected channel all the currently playing and future episodes will be recorded.

Start Series Recording



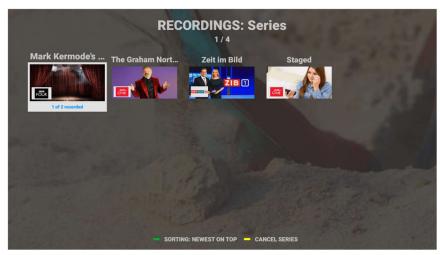
By pressing the red REC button on an episode of a series currently playing in LiveTV or a future episode, the selection for a single or series recording appears.

With option "Record Series", the selected and all future episodes are stored in the **SERIES** tile.

With option "Single Recording" only the selected episode is recorded and will be stored in the tile with the corresponding genre.

Please note: Past episodes are not added to the Series Recordings in the **SERIES** tile. They can be recorded individually and are stored in the **RECORDINGS** menu in the tile with the corresponding genre.

Overview of recorded series



Select the **SERIES** tile in the **RECORDINGS** menu and you will get to the overview of your recorded series.

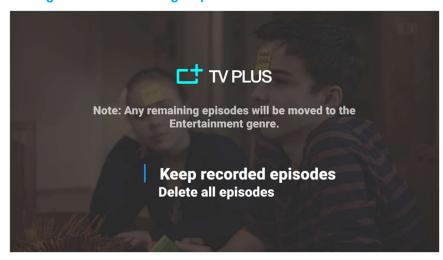
The highlighted series indicates how many episodes have been recorded.

The sorting is changeable with the green function button.

The **yellow** function button ends the series recording for the highlighted series (see also next screen).

Sorting with the green function button:
 NEWEST ON TOP (default) / OLDEST ON TOP / BY TITLE

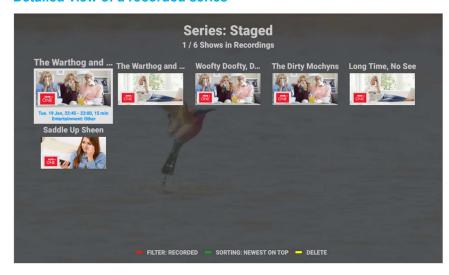
Ending a Series Recording / Options



By pressing the yellow function button on a highlighted series, a selection screen appears with two options for ending the Series Recording.

Note: Option 'Keep recorded episodes': already recorded episodes remain, but are moved to the tile with the corresponding genre.

Detailed view of a recorded series



Press the **OK** button on a highlighted series and you will get to its detailed view.

The filtering is changeable with the **red** function button.

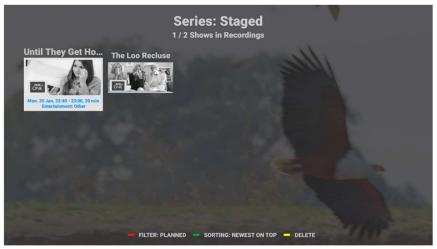
The sorting is changeable with the green function button.

The **yellow** function button deletes the

highlighted series.

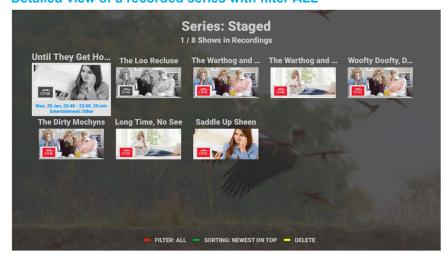
- Filtering with the red function button: RECORDED (default) / PLANNED / ALL
- Sorting with the green function button (within the selected filter):
 NEWEST ON TOP (default) / OLDEST ON TOP / BY TITLE

Detailed view of a recorded series with filter PLANNED



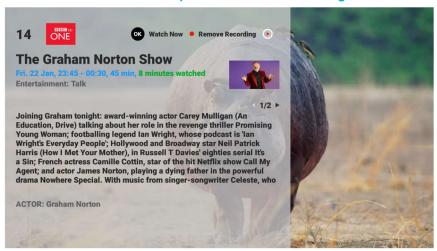
Planned episodes of a series are displayed in black and white.

Detailed view of a recorded series with filter ALL



Already recorded episodes are displayed in colour, planned ones in black and white.

Detailed information of an episode in series recording



Press the **OK** button on a highlighted episode and you will get to its detail view.

If a part of a series episode has been viewed, the duration of the already played time is indicated in green.

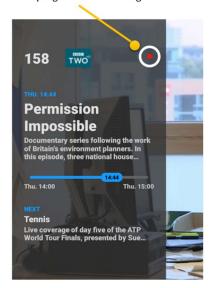
Playing back recordings

To play back a recording, use the LIB button or the main menu to open your **RECORDINGS** menu. Browse in the genres for desired recording and press the OK button to call up the detailed show info. Pressing the OK button in detailed show info is playing back the recording. Just select any recording and press the OK button to play it back.

Note: If a show is no more than 7 days old, it can also be replayed directly from the Electronical Program Guide (**GUIDE** button) or the **REPLAY** menu.

When playing back a recording, an icon is shown on the On-Screen Display to indicate that you are watching a recording.

This program is a recording



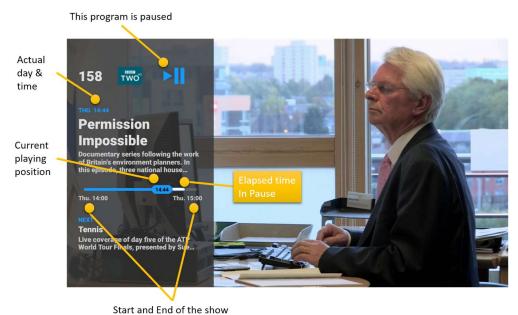
You can rewind, fast-forward and pause/play the recording at any time. Press the TV button or the STOP button to stop playing back the recording and continue watching LiveTV on the current channel at any time.



Navigation in the player

Function PAUSE

You can pause any program at any time. This includes LiveTV, Replay and Playback of recorded programs. The On-screen Display provides information and navigation features in **PAUSE** mode. After the display disappears, the pause sign appears in the lower left corner for the duration of the pause. Pause can be max 24h.



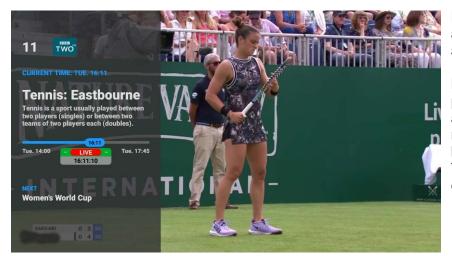
You can rewind, fast-forward and pause/play at any time. As soon as you pause a show, the current playback position will be displayed in the OSD for easy reference. Press the TV button or the STOP button to continue watching LiveTV on the current channel at any time.

Functions REWIND/FORWARD

Super fine Rewind and Fast Forward

You can now fast forward and rewind any running show in much finer steps than before. Also you will experience a much faster resume of playback after you use **FF/REW** buttons. Since some people prefer faster seeking whereas others prefer a more comfortable operation, we added several new FF/REW settings in the **SETTINGS** menu, so that everyone can adjust the TV Box to their liking.

LIVE indicator



Press the OK button and you will see if you are watching live or not. If you do not see the red LIVE bubble, you can press the STOP button as many times as needed until you reach live playback. You now also see the current time in seconds.

Step Fast Forward / Rewind



Press and immediately release the **REW** button once. The playback will move backward by e.g. 5 seconds and start playing from there.

"-5s" indicates that you have now jumped back in time by 5 seconds.

Observe the green bubble, it shows you the size of the last REW step and also the new playing position in HH:MM:SS format.



Press and release the **FF** button twice in quick succession. The playback will move forward by e.g. 10 seconds and start playing from there.

"+10s" indicates that you have now jumped forward in time by 10 seconds. Note that FF only works if you are not watching live already.

Observe the green bubble, it shows you the size of the last FF step and also the new playing position in HH:MM:SS format.

Try pressing the **FF** or **REW** buttons 3 times quickly. The steps will be even larger.

The size of FF and REW steps is adjusted in the Settings, as explained a bit further down in this document.

Continuous Fast Forward / Rewind



Press and keep the **FF** or **REW** button continually down. The playback will move forward or backward in steps that increase every 1-2 seconds until reaching the highest seek speed.

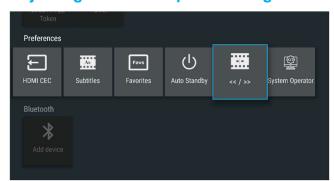
As an example, "+8m" indicates that you are now moving forward in time by 8 minutes roughly every second. Note that FF only works if you are not watching live already.

Observe the green bubble, it shows you the size of the last step and also the new playing position in HH:MM:SS format.

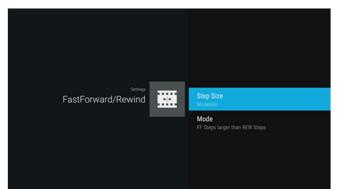
There are 6 seek step sizes in total. The steps 4,5, and 6 can only be reached by continually keeping the FF or REW button pressed.

Note: If you are watching a Replay show e.g. from this morning, you can also use the **STOP** button. This will jump forward in time to the beginning of the next show each time you press the **STOP** button. You can quickly fast forward through time and check out the beginning of each show in sequence.

Adjusting REW/FF steps in Settings



Press the **MENU** button and select Settings. You will see a new menu indicated by a Film icon and "<< / >>". Select it and press the **OK** button.



You will see two setting options:

"Step Size" and "Mode"

Step Size



"Moderate": Sets smaller seek steps.

"Fast": Sets larger seek steps, roughly double the size of the smaller steps.

Mode



"Identical FF/REW Steps": FF and REW steps are the same size.

"FF Steps larger than REW steps": FF Steps are roughly double the size of the REW steps.

Both settings can be used in any combination. Best is to try for yourself!

For the curious

The step sizes in all 4 combinations are as follows:

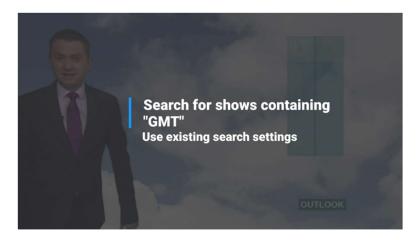
- Moderate + identical steps
 (-4m, -2m, -1m) -30s,-15s,-5s / 5s, 15s, 30s (1m, 2m, 4m)
- Moderate + larger FF steps
 (-4m, -2m, -1m) -30s,-15s,-5s / 10s, 30s, 60s (2m, 4m, 8m)
- Fast + identical steps
 (-10m, -5m, -2m) -60s, -30s, -10s / 10s, 30s, 60s (2m, 5m, 10m)
- Fast + larger FF steps (-10m, -5m, -2m) -60s,-30s,-10s / 20s, 60s, 120s (4m, 10m, 15m)

Menu SEARCH

Function SEARCH

You can search for desired shows by genre, time, channel or search words. There are 3 ways to start searching for shows:

- While watching TV, press the blue search button. This will open the search box (see Using the Search Box shown below). The last used search settings will be shown in the box. This is the quickest way to initiate a search.
- While the On-Screen-Display (OSD) is shown on the screen, press the blue search button. The TV Box will search for shows with the same name across all times and TV channels and will display the list of results. This feature allows you to instantly find more episodes - past and future - of the show you are currently watching.
- While in the Program Guide view (use the GUIDE button to get there), press the blue search button. Let's say the program highlighted in the Program Guide is called "GMT". Pressing the blue search button will bring up a pop-up box where you can choose between: "Search for shows containing GMT" or "Use existing search settings".

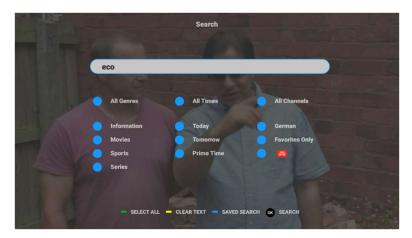


The first selection directly opens the list of search results, containing all shows with "GMT".

The second selection opens the search box with the last used search setting to be completed. Pressing the OK button will produce a list of search results.

Using the search box

In the search box, you can enter a text to find shows where this text appears in the title or anywhere else in the show details. It can be an actor's name or part of the show description. You can also use one or more filters / checkboxes to narrow down the search, e.g. you can select Series, Today and Tomorrow to search for any series showing today or tomorrow that contain a certain text ("eco" in the example below) either in the title or anywhere else in the show details.



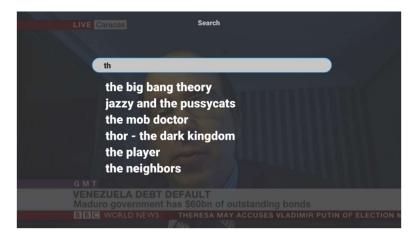
The above screenshot shows all checkboxes selected. Each check box can be selected on its own or be combined.

Notes:

- The search function includes the entire contents of the program guide (14 days) and all the contents of your recording list.
- Use the **yellow** button **CLEAR TEXT** to delete all text.
- Selecting "All Genres", "All Times" or "All Channels" will alternate between all checkboxes ON or OFF. This speeds up deselecting all boxes, so you don't have to deselect each box one by one.

Automatic word completion

Once you typed 2 or more characters in the search box, a drop-down list with up to 6 autocomplete proposals appears. Adding more characters refreshes the proposals automatically.

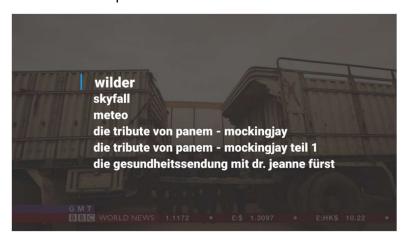


Use the ▲/▼ buttons to navigate the drop-down list and select by pressing OK.

Saved searches / search history

To speed up searching, the TV Box saves the search history. The search text and filter settings of the last 6 searches are automatically saved.

Pressing the **blue** button **SAVED SEARCH** will show the last 6 performed searches, the newest at the top of the list.



Search result list

Search results are always sorted by time of the show. The show nearest to the current time is highlighted. Any past or currently running show on the list of search results can be watched instantly by pressing the **OK** button on the highlighted show. Any show on the list can be recorded by pressing the **REC** button on the highlighted show.

Search covers all shows listed in the Program Guide and your Recordings Library. The result list is limited to 250 results.



You can use the **red**, **green** or **yellow** button to filter the results as follows:

- RECORDINGS ONLY displays only results found in the list of your recordings.
- PAST ITEMS & TODAY starts from "now" and lists all results from past shows, descending by time.
- FUTURE ITEMS & TODAY is default and starts from "now" and lists all results from future shows, ascending by time.

Multiple search results beginning at the same time but on different channels will be sorted by Favorite Channels first.

If the pop-up "No results were found. Please try: ..." appears, it means that there are results, but not for the default settings "Future items & Today". You get the suggestion to try to find results in "Past items & Today" or even in your "Recordings" (red button).

If you see the pop-up "No results found", nothing meets your search criteria.

Notes:

- A maximum of 250 shows are displayed. If you see too many results, try refining the search criteria by adding more search text or selecting multiple filters to get better results.
- Each show on the list of search results can be watched immediately by pressing the highlighted program or recorded by pressing the REC button.

Functions AUDIO LANGUAGE SELECTION, SUBTITLES and AUDIO OUT

By pressing the **green** button on your remote control, the quick menu for these functions appears. The three sections **"Language"**, **"Subtitles"** and **"Audio out"** are displayed, which can be navigated through with the arrow buttons and individual settings can be made with the **OK** button. The availability of different languages and the display of subtitles or commentaries for a program depends on the respective channel and the program currently being played on it.

Since the TV Box offers several modes of digital audio output, we have also added the option to select the digital audio mode (see <u>Audio out</u>). For inexperienced users, we recommend that you leave the setting in the **"Audio out"** section on the "Auto" option.

Important: The options available within the individual **"Language"** and **"Subtitles"** sections indicate whether a channel supports these options in principle. In addition, an individual program must **be broadcast** with a different language, subtitles or commentaries. If these requirements are fulfilled and provided the settings are made, a program can be received by the user according to the settings.

This quick menu picture shows a channel that supports different languages as well as subtitles or commentaries (note the sections "Language" and "Subtitles"/subsection "Select subtitle").



Audio Language Selection (Section "Language")

The individual audio channels can contain normal language, commentary or other audio tracks. It is advisable to try it out to find the preferred audio track. Depending on the channel, the following options are displayed in the **"Language"** section:

- Channel supports only one audio channel:
 - Only channel language is displayed.
- Channel supports two or more audio channels:
 - Channel language, second language (e.g. "French, Stereo"), "Alternative language" etc. are displayed.

If a channel supports several options, these can be selected with the arrow buttons and individually set by confirming with the OK button. This setting is retained **on the respective channel** even after changing channels or restarting the box after standby.

Notes:

- Not all languages displayed are available for every program (channel-dependent).
- Settings in the **"Language"** section are only saved in the currently selected channel, all other channels remain unaffected and must be set separately.

Subtitles

Depending on the channel, the following options are displayed in the "Subtitles" section:

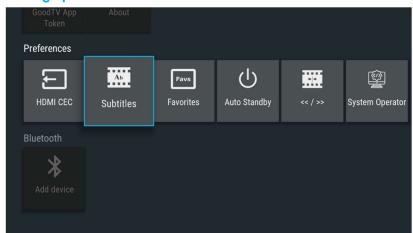
- Channel does not support the display of subtitles or comments:
 - Only "No subtitles available" is displayed.
- When a channel supports the display of subtitles or commentaries, the options "Off", "On once", "On always", "Select subtitle" and "Settings" are displayed. If a program with subtitles or commentaries is broadcast on this channel, this means the following:



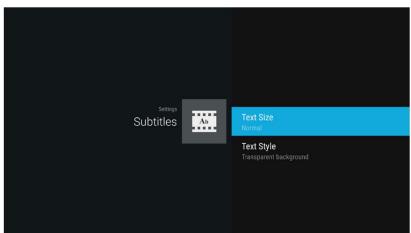
- "Off" Display is available but remains hidden.
- "On once" Available subtitles are displayed until the channel is changed.
- "On always" Available subtitles are displayed on the channel, even after a channel change.
- "Select subtitles" If available, the language of the subtitles can be selected, but not all types of subtitles displayed are available for every program (channel-dependent).
- "Settings" Opens the SUBTITLES menu to make settings for the text size and text style of subtitles or comments. Select the text sizes "Small / Normal / Large" and the text types "Transparent background / Semi-transparent background / Opaque background" according to your needs.

Note: You can also handle these settings directly in the **SUBTITLES** menu at any time. Press the **MENU** button on your remote control, select the **SETTINGS** tile and then the "Settings" option. Use the arrow buttons to select the **SUBTITLES** tile and press the **OK** button to open the **SUBTITLES** menu.

Calling up the SUBTITLES menu via the main menu



SUBTITLES menu



Audio out

In this menu, you can make the settings for passing on the audio signal to your TV. The incoming audio signal on the TV Box is passed on as follows:

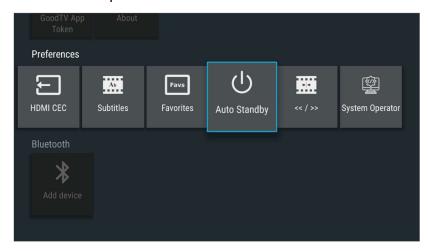
- Option "Auto"
 The TV Box recognises the format of the incoming audio signal and passes it on.
 Depending on the case, this can be PCM or so-called 'passthrough'.
- Option "PCM"
 Any processing of the audio signal takes place in the TV Box and is passed on in the processed PCM format.
- Option "HDMI Passthrough"
 Forwards the sound signal unprocessed/unmodified to the HDMI output.
- Option "SPDIF Passthrough" Forwards the audio signal unprocessed/unchanged only to the SPDIF output.

Note: We recommend leaving the setting in the **"Audio out"** section at "Auto" (default setting). **Example:** If the option "SPDIF Passthrough" is set, you will only hear a sound if you have also connected an audio device via the SPDIF digital output.

Menu AUTO STANDBY

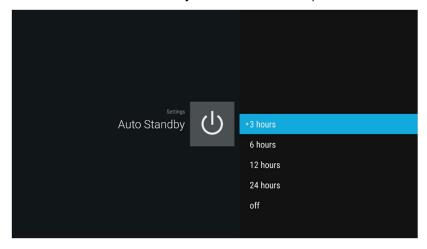
The **AUTO STANDBY** function allows you to set the TV Box to standby automatically according to your needs. The prerequisite for this is that the TV Box has not received a command from your remote control during this period. The default setting is 3 hours and can be changed individually.

Press the MENU button on your remote control, select the SETTINGS tile and then the "Settings" option. Use the arrow buttons to select the AUTO STANDBY tile and press the OK button to open the AUTO STANDBY menu.



Following options are available:

- "3 hours" (default setting)
- "6 hours"
- "12 hours"
- "24 hours"
- "Off" (TV Box always remains switched on unless it is manually switched off with the ON/OFF button on your remote control).



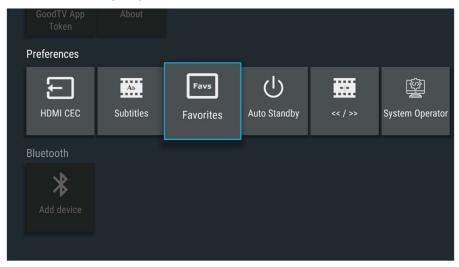
Notes:

- The selected setting remains stored until the next manual change.
- Your TV also has a function for automatic switch-off when not in use. If the TV switches off automatically, this is the reason why no picture is visible even though the TV Box is switched on.

Menu FAVORITES

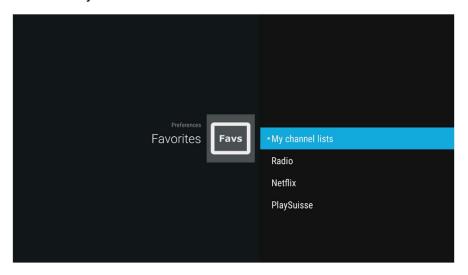
Assignable Favs button on the Remote Control

In the **FAVORITES** menu, you can program the function of the **Favs** button on the remote control according to your needs. To do this, open the **FAVORITES** tile in the settings.



The **FAVORITES** menu appears with the options:

- "My channel lists"
- "Radio"
- "Netflix"
- "PlaySuisse"



Assign the function desired to the Favs button by selecting one of the options displayed and confirming with the OK button. After exiting the settings, pressing the Favs button directly opens the assigned menu or app.

Note: If the option "Radio" is assigned, the last used radio station or podcast is automatically played.

Managing my channel lists

The overview of channel lists is opened by pressing the **MENU** button on your remote control and selecting **FAVORITES** tile in main menu. If the option "My channel lists" is assigned to the **Favs** button, you can also open the **FAVORITES** menu directly via the **Favs** button.

Here you have the following options:

- Activate the Default List, which contains all the TV channels from your subscription (this list cannot be edited).
- 3 additional Favorite Lists, which you can create individually and store your favorite channels in them.



By default, each of your favorite lists contains all the channels included in your subscribed package. The currently active list is indicated by a green \checkmark and any highlighted list can be activated by pressing the **green** button **ACTIVATE SELECTED**. Any of the 3 user-editable lists can be reset to default by pressing the **red** button **RESET TO DEFAULT** on the highlighted list. You can then change the favorites lists as desired by using the context color buttons. The button functions are context-dependent and displayed on the screen in each case.

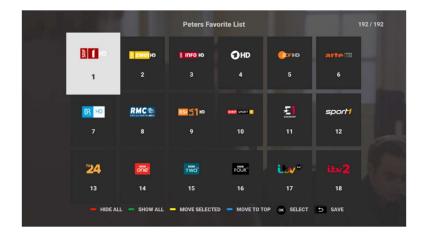
The highlighted channel list is opened with the OK button and can then be adjusted. To rename the list, use the ▲ button to move the cursor to the title line and enter the name for this favorite list using the alphanumeric buttons. All changes to the channels (selection/positioning) are automatically saved when you exit the list and the name of the favorite list is changed to the name you entered.

There are basically two adjustment possibilities after opening a favorite list:

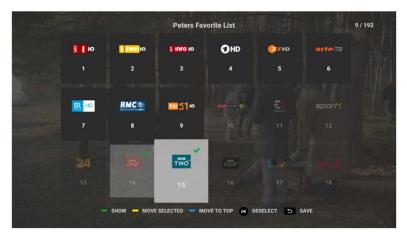
- Hide TV channels as desired.
- Adjust the order of the TV channels.

Use the context-sensitive red, green, yellow or blue buttons to edit as follows:

• Remove a few channels: First use the OK button to select or deselect multiple channels for hiding, then press the red HIDE ALL button. This will make all selected TV channels invisible. Save the list by pressing button . All hidden channels will automatically move to the end of the list.



• If you want to **create a short channel list** as a favorite, the best approach is to first hide all channels by using the **red HIDE ALL** button. This will make **all** TV channels invisible. Then select the few channels that you want on the list and press the **green SHOW** button to make them visible. Save the list by pressing **3**. All visible channels will automatically move to the top of the list.



- Reorder the list by first using the OK button to select or deselect multiple channels
 for reordering. With one or more channels selected, use the arrow buttons to move
 the highlight to the location where you want to move the selected channels, then
 press the yellow MOVE SELECTED button. The selected channels will be moved to
 the highlighted location and all other channels will be automatically shifted.
- Move channels to the top by first using the OK button to select or deselect multiple channels for reordering. With one or more channels selected, press the blue MOVE TO TOP button. The selected channels will be moved to the top of the list and all other channels will be automatically shifted behind them.

Notes:

- Use the green SHOW button to show all available channels in their current position.
- Use the OK button to alternatively select or deselect a channel for editing.
- On the top right, you can see how many channels will be visible out of the total available channels.
- Channels that are visible are shown as dark grey tiles, the invisible channels are shown greyed out and transparent.
- Pressing the button saves all your changes automatically and exits the edit mode.

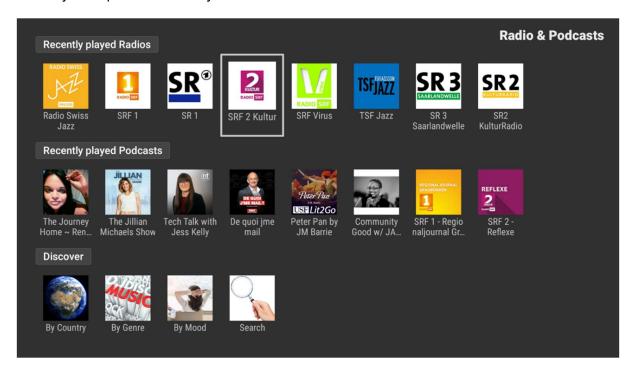
Menu RADIO

Web-based Radio & Podcasts

In the main menu there is a Radio icon. Click on it to access the Radio and Podcasts App.

When you first start it, you will see the "**Discover**" section in which you can search for Radios and Podcasts by Country, by Genre, By Mood and using the text-based search section.

Once you find a radio or a podcast you like and click on it, it will begin to play. Pressing the button to stop playing and return to the previous screen. When you reach the Radio & Podcast home screen, you will see the 8 last played Radios and the 8 last played Podcasts for easy and quick access to your favorite stations.



If a selected station is not playable at the moment, it will not be added to the "Recently Played Radios" section. You can try the same station again later as some stations are not always broadcasting.

Note: The Radio app can also be assigned to the **Favs** button on your remote control – see <u>Assignable Favs button on the Remote Control</u>.

The Search section

In the "Discover" section you will find the SEARCH tile. Use the alphanumeric buttons on your remote control to type in a few characters of a desired station's name. Results will be shown when you press OK button, starting with full matches and continuing with partial text matches. Afterwards you can filter the results only for Radio (yellow button), only for Podcasts (blue button) or both (green button), which is also the initial view after searching.

Menu MyMedia (Mediacenter)

This menu allows you to play content from storage media (via USB connections on the side of the TV Box) or devices connected in the network on your TV. The menu can also be used without Internet access (e.g. failure on the part of the Internet provider) via LAN (cable connection).

Apps for TV on Mobiles or PC/Laptop

iOS App / Android App / Web TV App

Where can I find the Apps

The iOS App, the Android App and the Web TV App allow you to enjoy LiveTV, Replay and Recordings also on Mobile devices with iOS, Android or on your PC or Laptop. You can find the apps by visiting the TV PLUS website https://tv-plus.tv/en/ and clicking on the APPS menu. The apps are called "GoodTV".

At this point you can access the Web TV App for your Laptop or PC directly via a link. You can download the corresponding app for Mobile devices either from the App Store (iOS) or the Play Store (Android) after clicking on the corresponding link (search for "GoodTV") or scanning the corresponding QR code (leads directly to "Die GoodTV App" for iOS or "Die GoodTV Mobile App" for Android). You can also find both QR codes in the settings of your TV Box (see section "Info" - tile GOODTV APP TOKEN).

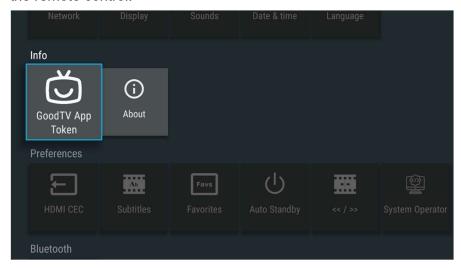
How do I log in to the Apps

Within the App you are invited to login with a "Token" (access key), which can be easily generated on your TV Box. After login, you can use the App to its full extent.

Token for activating the iOS App, the Android App or the Web TV App

How to generate your token (six-digit number):

- 1. Press the MENU button on the remote control.
- 2. Select the **SETTINGS** tile in the main menu, then option "Settings".
- 3. In the "Info" section, select the GOODTV APP TOKEN tile with the OK button on the remote control.



In the following screen, a one-time 6-digit token is generated for mobile iOS and Android devices ("Token for the GoodTV Mobile App") and another for a PC or Laptop ("Token for the Web TV App"). Both tokens are only valid for five minutes. After this period, a new token must be generated. The QR codes for downloading the Mobile apps are also provided and can be scanned here with the camera of the mobile device and then downloaded directly.

Now enter the correct token in the corresponding app to login...here we go!

What do the Apps provide



With the Apps, you can watch live shows, use the replay mode, save and watch recordings, similar to the TV Box. Other features of the apps:

- Access to your TV Box is required to activate the apps for the first time.
- With the iOS App or the Android App, up to three Mobile devices may be used at the same time.
- With the Web TV App, a single PC or Laptop can be used.
- Usually the Mobile Apps always remain logged in. If you logout of the app with LOGOUT or if the session is interrupted (e.g. due to an update on your device or similar), you need to re-login as described in the following point to get access to the app again.
- Login by token is the preferred login method. As an alternative, up to three profiles
 can be created in the Web TV App. To do so, click on "Account" in the menu of the
 Web TV App and create one to three profiles. As soon as a profile has been saved,
 you can also login to both Apps with the email address and password assigned to the
 profile.
- Content changes in the Apps are synchronised on all devices including all your TV Boxes and vice versa (Example: record a program on a mobile device in the office and watch it later at home on the TV Box).
- The start screen of the Android App is user-dependent and can be configured via the Web TV App (log in to the Web TV App, then click on Settings in the top right-hand corner and add widgets).
- In the Apps, you can create a list of favorites (favorite channels). These favorites are independent of the favorites on the TV Box and offer additional options to prefer specific channels.
- All channels in your subscription are automatically activated for Replay. You can
 deactivate or reactivate the replay mode for individual channels in the Apps.
 Important: this also affects the channels on the TV Box(es).
- The language of the iOS App and the Android App is automatically set according to the language set on your Mobile device.
- Select between German or English and configure other settings on the user interface of the Web TV App.
- The Mobile Apps and the Web TV App support subtitles and the choice of an additional language, provided that these functions are also offered by the respective broadcaster.

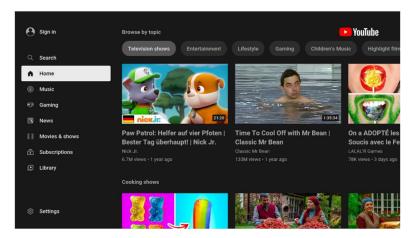
 Android App ("The GoodTV Mobile App" / from version 4.1.12): 1-finger swipe jumps forward or backward in the current show, provided replay is enabled / 2-finger swipe to the left switches to the previous channel.

Note: Attention! Data downloads from Mobile devices can generate significant costs if the devices are not used via WLAN or there is no Flatrate subscription for the device.

App YouTube

Press the YouTube button on your remote control to open the app. This app allows you to enjoy all the videos available on YouTube on your TV. You can search for and watch your favorite videos, visit or subscribe to channels and get recommendations for videos with similar content.

On the start page, you will find a selection of the most popular videos in a particular genre. The YouTube app learns from your search. The more you use YouTube, the more the recommendations become closer to your taste.



App PlaySuisse

Press the MENU button on your remote control and open the PLAY SUISSE tile in the main menu by pressing the OK button. After installation of the app, customers already registered with Play Suisse can use their existing customer data to log in to the app once, after which the login will be retained. New customers can go to www.playsuisse.ch to create a free account and then follow the on-screen instructions.



After signing up, you will find the best Swiss movies, series and documentaries in the app. The entire range of films and series is available in the original version and with subtitles.

Note: The PlaySuisse app can also be assigned to the **Favs** button on your remote control - see <u>Assignable Favs button on the Remote Control</u>. The language used in the app is set within the app itself.

Other Apps

Depending on the software version, **Sky, Netflix**, **Teletext** and further Apps may be available in the main menu. Some of those Apps may also be available directly on buttons on your remote control.

Settings

Press the **MENU** button on your remote control, then select the **SETTINGS** tile and the option "Settings". The overview in the **SETTINGS** menu is divided into several sections.

Display configuration

Select the **DISPLAY** tile, here you can customize your display.

- SCREEN RESOLUTION tile
 Depending on your TV, you can choose between 720p, 1080i, 1080p or 4K.
- SCREEN POSITION tile
 Here you can make adjustments if parts of the screen are cut off. Please follow the instructions on the screen.

Changing the language

Select the **LANGUAGE** tile, here you can change the system language of the TV Box. Available languages are: German, French, English.

Network configuration: Activate Wi-Fi

To connect your TV Box to the modem via WLAN (not recommended), proceed as follows:

- Select **NETWORK** tile.
- Select "Wi-Fi", followed by "Wi-Fi device".
- Select "On" and confirm by pressing the OK button to activate Wi-Fi.

Once Wi-Fi mode has been activated, your TV Box will automatically search for available wireless networks and indicate if they are protected.

- Select your modem/router's wireless network and confirm by pressing the OK button.
- Enter your Wi-Fi code (located on the label on the back of your modem) using the TV Box remote control and confirm by pressing the OK button.
- Your wireless network is now connected.

Press the TV button on your remote control. You can now watch TV.

Note: You cannot use the wired Ethernet connection and Wi-Fi at the same time; one will always be deactivated automatically when the other one is activated.

Dolby DRC

Dolby Digital is a multi-channel sound system that creates a realistic spatial impression of the sound event and offers a unique DRC (Dynamic Range Control) system. Based on a preselected DRC profile, Dolby Digital encoders calculate DRC metadata and send it to the TV or a decoder along with the original audio signal. The DRC metadata can then be applied to the signal by the decoder to reduce the dynamic range of the audio reproduction to produce a uniform volume level. This is done by raising quiet passages of the audio track and lowering loud ones.

The following settings can be made on the TV Box (section "Device" - tile SOUNDS - tile DOLBY DRC):

- Option "Off" Audio track is passed in unaltered Dolby Digital.
- Option "Light Compression" Audio track is slightly modified by TV Box.
- Option "Heavy Compression" Audio track is heavily modified by TV Box.

Note: Broadcasts with Dolby DRC sometimes have a signet superimposed on the picture to identify them.

HDMI CEC (Consumer Electronic Control)

This function allows TV Box and TV to communicate via the HDMI cable connection if the settings on **the both devices** are correct. Each TV manufacturer uses different names for CEC and its functions, and each TV implements the commands differently. Please consult the user manual of your TV. Examples are: LG = SimpLink, Philips = EasyLink, Samsung = Anynet+ or Sony = BRAVIA Sync.

Note: Of course you can try by trial and error to find the right settings for your TV. On some TVs, commands such as channel change, volume, pause etc. are also transmitted via the HDMI CEC interface. Due to the complexity, we advise you to consult a professional.

The following settings can be made on the TV Box:

- "CEC Switch"
 Option "On" (default setting): Function is always activated on the TV Box side.

 Option "Off": Function is basically deactivated.
- "One key play"
 Option "On" (default): Setting to turn on TV Box and TV at the same time using ON/OFF button on your remote control is enabled TV Box side.
 Option "Off": Setting is disabled.

- "One key power off"
 Option "On" (default): Setting for simultaneous power off using ON/OFF button on your remote control is enabled on TV Box side.
 Option "Off": Setting is disabled.
- "Auto change language"
 Option "Off" (default setting): Automatic language change is switched off.

 Option "On": Automatic language change is switched on, the language of the TV Box user interface can change to the language of the TV device on restart, depending on the TV device.

Note: If the **HDMI CEC** function is used, we advise not to connect the TV Box via the HDMI1 input of the TV device, as this may cause unexpected behavior on some TV's.

Other settings

More settings may be available on your TV box, please see other areas in Settings.

Online documentation

Find the user manuals, frequently asked questions and other helpful documentation online:

https://tv-plus.tv/en/support/

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