STRONG

SMART ANDROID TV with DVB-T2/C/S2

32HC5433 – HD
32HC5433U – HD
43FC5433 – FHD
42FC5433U - FHD

User Manual
Bedienungsanleitung
Manuel utilisateur
Manuale utente
Manual do Utilizador
Инструкции за употреба
Руководство пользователя
Посібник користувача
Användar Manual
Uživatelská příručka
Navodila za uporabo
Korisnički priručnik
Uputsvo za rukovanje
Používateľská príručka
Használati útmutató
Käyttöohje
Brukermanual
Manual del Usuario
Gebruiksaanwijzing
Brugervejledning
Manual de Utilizare
Instrukcja obsługi

Fig.1

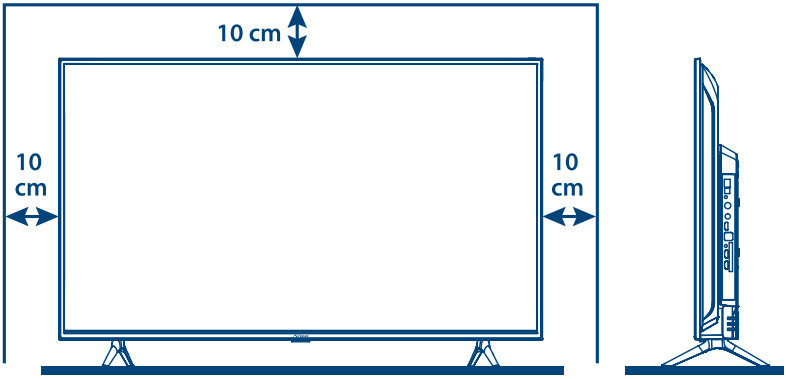


Fig.2

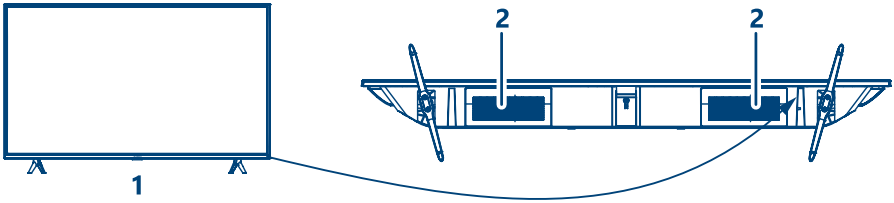


Fig.3a

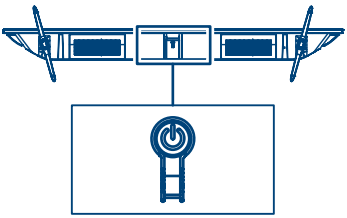
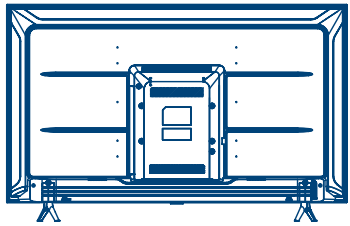


Fig.3b



32", 43"

42"

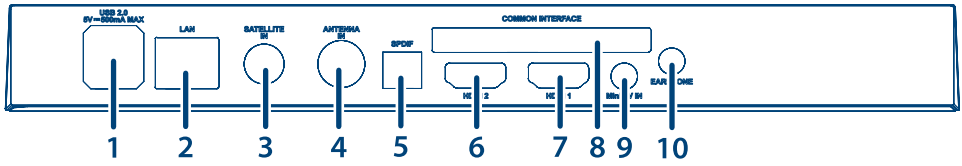


Fig. 4a

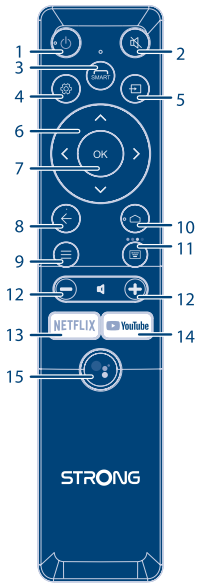


Fig. 4b

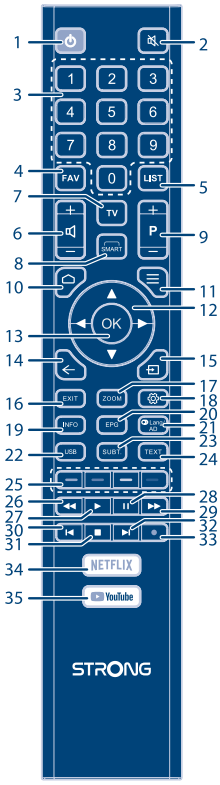


Fig.5

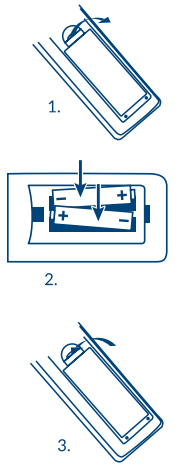


Fig. 6 a

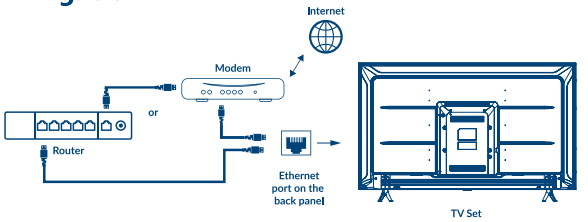


Fig. 6 b

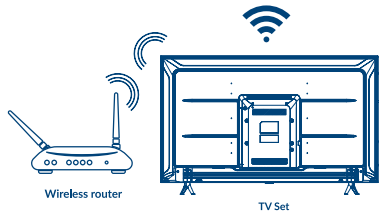


Fig. 7

Fig. 8

Fig. 9

SERVICE CENTER

AT	support_at@strong.tv	0820 400 150 (€ 0,12/Min. österr. Festnetz)
BG	support_bg@strong.tv	+359 32 634451
CZ	support_cz@strong.tv	844 44 44 90
DE	support_de@strong.tv	0180 501 49 91 (€ 0,14/Min. deutsches Festnetz) (€ 0,42/Min. max. Mobilfunknetze)
DK	support_dk@strong.tv	
ES	support_es@strong.tv	+34 91 119 61 76
FR	support_fr@strong.tv	
HR		+385 1 344 57 66
HU	support_hu@strong.tv	+36 1 445 26 10
IT	support_it@strong.tv	199 404 032 **Da rete fissa** 24,8 cent. al min. 12,5 cent. scatto alla riposta **Da rete mobile** max 49 cent. al min. 15,6 cent. scatto allo risposta
NL	support_nl@strong.tv	
PL	support_pl@strong.tv	801 702 017
PT	support_pt@strong.tv	+351 2 100 06 125
SK	support_sk@strong.tv	0850 15 05 50
SL		+386 1 828 08 58
UA	support_ua@strong.tv	+380 (44) 238 61 50

www.strong.tv

Supplied by STRONG Austria
Represented by STRONG Ges.m.b.H.
Teinfaltstraße 8/4.Stock
A-1010 Vienna, Austria
Email : support_fr@strong.tv

06 Jan 2023 14:35

Licenses

THIS PRODUCT IS LICENSED UNDER THE AVC PATENT PORTFOLIO LICENSE FOR THE PERSONAL AND NONCOMMERCIAL USE OF A CONSUMER TO (i) ENCODE VIDEO IN COMPLIANCE WITH THE AVC STANDARD ("AVC VIDEO") AND/OR (ii) DECODE AVC VIDEO THAT WAS ENCODED BY A CONSUMER ENGAGED IN A PERSONAL AND NON-COMMERCIAL ACTIVITY AND/OR WAS OBTAINED FROM A VIDEO PROVIDER LICENSED TO PROVIDE AVC VIDEO. NO LICENSE IS GRANTED OR SHALL BE IMPLIED FOR ANY OTHER USE. ADDITIONAL INFORMATION MAY BE OBTAINED FROM **MPEG LA, L.L.C.** SEE HTTP://WWW.MPEGLA.COM

This product contains one or more programs protected under international and U.S. copyright laws as unpublished works. They are confidential and proprietary to **Dolby Laboratories**. Their reproduction or disclosure, in whole or in part, or the production of derivative works therefrom without the express permission of Dolby Laboratories is prohibited. Copyright 2003-2009 by Dolby Laboratories. All rights reserved.

THIS PRODUCT IS SOLD WITH A LIMITED LICENSE AND IS AUTHORIZED TO BE USED ONLY IN CONNECTION WITH HEVC CONTENT THAT MEETS EACH OF THE TH REE FOLLOWING QUALIFICATIONS: (1) HEVC CONTENT ONLY FOR PERSONAL USE; (2) HEVC CONTENT THAT IS NOT OFFERED FOR SALE; AND (3) HEVC CONTENT THAT IS CREATED BY THE OWNER OF THE PRODUCT. THIS PRODUCT MAY NOT BE USED IN CONNECTION WITH HEVC ENCODED CONTENT CREATED BY A THIRD PARTY, WHICH THE USER HAS ORDERED OR PURCHASED FROM A THIRD PARTY, UNLESS THE USER IS SEPARATELY GRANTED RIGHTS TO USE THE PRODUCT WITH SUCH CONTENT BY A LICENSED SELLER OF THE CONTENT. YOUR USE OF THIS PRODUCT IN CONNECTION WITH HEVC ENCODED CONTENT IS DEEMED ACCEPTANCE OF THE LIMITED AUTHORITY TO USE AS NOTED ABOVE.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, STRONG declares that the devices 32HC5433, 43FC5433, 32HC5433U, 42FC5433U is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.strong.tv/en/doc

Subject to alterations. In consequence of continuous research and development technical specifications, design and appearance of products may change. Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Netflix is a registered trademark of Netflix, Inc. YouTubeTM is a trademark of Google Inc. All product names are trademarks or registered trademarks of their respective owners.

© STRONG 2023. All rights reserved.

17 Jan 2023 12:22

To obtain the best performance and safety, please read this manual carefully. Please keep this manual for future reference.

TABLE OF CONTENTS

1.0 INSTRUCTION 3

1.1 Safety Instructions 3
1.2 Storage 4
1.3 Accessories 4
1.4 Equipment set-up 4

2.0 INSTALLATION 4

2.1 Default PIN code 4
2.2 Front panel 5
2.3 Rear panel 5
2.4 Remote controls 6
2.5 Installing the batteries 8
2.6 Using the remote controls 8

3.0 FIRST TIME INSTALLATION 9

4.0 HOME SCREEN 11

4.1 Inputs 12
4.2 Network & Internet 13

5.0 LIVE TV USAGE 15

5.1 Channel installation 15
5.2 Watching TV channels 19
5.3 Electronic Program Guide (EPG) 20
5.4 TV Menus 20

6.0 SMART TV POSSIBILITIES 24

7.0 SYSTEM SETTINGS 24

7.1 Settings main menu 25
7.2 Device Preferences menu 25

8.0 MULTIMEDIA 26

8.1 Reminder when using the USB storage devices 26
8.2 Multimedia Player 26

9.0 TROUBLESHOOTING 31

10.0 SPECIFICATIONS 33

1.0 INSTRUCTION

1.1 Safety Instructions

Read all of the instructions before operating the set. Keep these instructions well for later use.

- Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc.).
- Please refer to the information on the exterior back enclosure for electrical and safety information before installing or operating the apparatus.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The mark indicates a risk of electric shock. The external wires must be installed by an instructed person or ready-made leads or cords must be used.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent types.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
  Excessive sound pressure from earphones and headphones can cause hearing loss.
  Listening to music at high volume levels and for extended durations can damage one's hearing.
- In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.
- The mains plug or appliance coupler is used as disconnect device, it shall remain readily operable. When not in use and during movement, please take care of the power cord set, e.g. tie up the power cord set with cable tie or something like that. It shall be free from sharp edges or similar which can cause abrasion of the power cord set. When put into use again, please make sure the power cord is not damaged. In case of damages, please get the power cord replaced by a similar one with the same specifications. The absence of a light indication on the apparatus does not mean that it is fully disconnected from the mains. To disconnect the apparatus completely, the mains plug must be pulled out.
- Attention should be drawn to environmental aspects of battery disposal.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- To prevent the spread of fire, keep candles or other open flames away from this product at all times.
- A USB terminal can provide a maximum of 500 mA.
- Equipment with this symbol is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Operating Environment

- Do not install this equipment in a confined space such as a bookcase or similar unit.
- Do not use the set near damp, and cold areas, protect the set from overheating.
- Keep away from direct sunlight.
- Do not use the set near dust place.
- Do not attach candle to accessible opening area, to avoid flammable foreign material from entering the TV.

WEEE Directive

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environment-safe recycling.

1.2 Storage

Your device has been carefully checked and packed before shipping. When unpacking it, make sure that all the parts are included and keep the packaging away from children. We recommend that you keep the carton during the warranty period, to keep your device perfectly protected in the event of repair or warranty.

1.3 Accessories

1x installation instructions

1x Safety Instructions/Warranty Cards

2x remote controls*

2x AA batteries

2x AAA batteries

* You can choose to use both remote controls or just one

1.4 Equipment set-up

Fig. 1

Install the display on a solid horizontal surface such as a table or desk. For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. This apparatus can be used in tropical and/or moderate climates.

Fig. 1

This user manual provides complete instructions for installing and using this TV. The symbols serve as follows:

WARNING	Indicates warning information.
NOTE	Indicates any other additional important or helpful information.
MENU	Represents a button on the remote control or the TV. **(Bold characters)**
Move to	Represents a menu item within a window. (*Italic characters*)

2.0 INSTALLATION

2.1 Default PIN code

Access to the LiveTV app to set parental control

2.2 Front panel

Fig. 2

NOTE:	The graphics are for representation only.

1. Power indicator /remote sensor
2. Speakers

2.3 Rear panel

Fig. 3a

NOTE:	The graphics are for representation only.

1.	▲▼	Scans up/down through the channel list. Within the menu system, the buttons operate with equal function of the ▲▼ buttons on the remote and adjust menu controls.
2.	◀ ▶	Increases/decreases the volume. Within the menu system, the buttons operate with equal function of the ◀ ▶ buttons on the remote and adjust menu controls.
3.	⏻/**Menu**	Turns the TV on or in standby. If the TV is on, press the button to display *Source Select*. In some menus, press to return to the previous menu. Long press for 3 seconds to display *NAV* menu.

NOTE:	The graphics are for representation only.

Fig. 3b

32", 43"

1.	**LAN**	Connect to your Internet router to access the internet/apps.
2.	**S/PDIF (optical)**	Use an optical cable to connect your TV to a compatible digital amplifier or Home theatre set.
3.	**Mini AV IN**	To connect your video camera or other device using 3.5 mm AV cable to your TV to play videos on your TV screen.
4.	**ANT IN**	Connect a coaxial cable to receive signal from the DVB-T/T2 antenna or DVB-C cable.
5.	**SAT IN**	Connect a coaxial cable to receive signal from the Dish LNB.
6.	**HDMI 3**	Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console.
7.	**USB 2.0**	2x USB 2.0 ports.
8.	**HEADPHONE**	Headphone or Earphone audio output, speakers will be muted when earphone is plugged in and headphone selected.
9.	**HDMI 2 (ARC)**	Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console or directly to a Digital Amplifier that supports the ARC function. This input is equipped with the ARC (Audio Return Channel) feature to implement audio connections and for a full Dolby Audio support.
10.	**CI**	Insert a Conditional Access Module (CAM).
11.	**HDMI 1**	Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console.

42”

1.	**USB 2.0**	2x USB 2.0 ports.
2.	**LAN**	Connect to your Internet router to access the internet/apps.
3.	**SAT IN**	Connect a coaxial cable to receive signal from the Dish LNB.
4.	**ANTENNA IN**	Connect a coaxial cable to receive signal from the DVB-T/T2 antenna or DVB-C cable.
5.	**S/PDIF (optical)**	Use an optical cable to connect your TV to a compatible digital amplifier or Home theatre set.
6.	**HDMI 2 (ARC)**	Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console or directly to a Digital Amplifier that supports the ARC function. This input is equipped with the ARC (Audio Return Channel) feature to implement audio connections and for a full Dolby Audio support.
7.	**HDMI 1**	Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console.
8.	**CI**	Insert a Conditional Access Module (CAM).
9.	**Mini AV IN**	To connect your video camera or other device using 3.5 mm AV cable to your TV to play videos on your TV screen.
10.	**HEADPHONE**	Headphone or Earphone audio output, speakers will be muted when earphone is plugged in and headphone selected.

NOTE:	If the TV turns off when you plug a cable to any connector, just turn it on again.

2.4 Remote controls

This TV model supplies with 2 Remote control units (RCU).

First one is simpler and more modern. It has minimalistic design, small quantity of buttons and is good enough for everyday usage. This is IR and RF RCU. This meaning, that you could use it as traditional IR RCU, pointing it on your TV and, if you made pairing of it via Bluetooth wireless connection, you will be able to control your TV without pointing RCU directly on your TV. Please refer to **Chapter 3** and other chapters for more information how to make pairing of this RCU with your TV

Fig. 4a

1.	⏻	Press to turn the TV on or standby.
2.	🔇	Press to mute or restore the volume.
3.	SMART	Opens the smart menu.
4.	⚙	Press to access the TV settings
5.	⏏	Select the input source mode.
6.	▲▼◀▶	Navigate the menu.
7.	**OK**	Confirm the selection.
8.	←	In menu: Back to previous menu.
9.	☰	Open the menu options.
10.	⌂	Enter the home desktop.
11.	⌨	Open the keyboard**.
12.	🔊+/-	Adjust the volume up or down.
13.	**NETFLIX**	Press for direct access to Netflix*.
14.	**YouTube**	Press for direct access to YouTube.
15.		Press to activate the voice control function***.

* Membership is not included. Netflix is available in selected countries. Streaming Netflix requires to set up an account. Broadband Internet required. See www.netflix.com/TermsOfUse for details.

** button call on-screen keyboard, which contain additional buttons, not physically present on this RCU, as **0 ~ 9**, **ZOOM**, **Teletext**, **Guide**, **Subtitle**, **Info**, **Exit**, **Lang**, **List**, **CH +** / **CH -** and **COLOUR BUTTONS**.

***Voice control and some other functions could work only when this RCU paired with your TV.

Fig. 4b

Second RCU is quite big and traditional. It is only IR and has complete list of buttons to control your TV.

1. ⏻ — Press to turn the TV on or standby.
2. 🔇 — Press to mute or restore the volume.
3. **0 ~ 9** — Choose channel directly.
4. **FAV** — Press to view your assigned favourite channels. Press ▲▼◀▶ to cycle through your favourite channels, press **OK** to confirm.
5. **LIST** — Press to enter the channel list.
6. 🔊 **+/-** — Adjust the volume up or down.
7. **TV** — Switch back to the TV mode.
8. SMART — Opens the smart menu.
9. **P +/-** — Change programmes up or down.
10. ⌂ — Enter the home desktop.
11. ☰ — Open the menu options.
12. **▲▼◀▶** — Navigate the menu.
13. **OK** — Confirm the selection.
14. ← — Back to previous menu.
15. ⏏ — Select the input source mode.
16. **EXIT** — Exit the current menu.
17. **ZOOM** — Change aspect ratio.
18. ⚙ — Press to access the TV settings
19. **INFO** — Display information about the current source.
20. **EPG** — Press to display the current EPG information in DTV mode.
21. **Lang/AD** — Select audio language.
22. **USB** — Enter the multimedia menu.
23. **SUBT.** — Enable/disable subtitles in DTV mode.
24. **TEXT** — Press to enter or exit the teletext menu.
25. **COLOUR BUTTONS** — Press to execute the prompt function in TV or DTV mode.
26. ◀◀ — Press to fast reverse.
27. ▶ — Press to continue playback.
28. ❚❚ — Press to pause playback.

29. ⏩ Press to fast forward.
30. ⏮ Press to play the previous file.
31. ⏹ Press to stop playback.
32. ⏭ Press to play the next file.
33. ⏺ No function.
34. **NETFLIX** Press for direct access to Netflix*
35. **YouTube** Press for direct access to YouTube.

* Membership is not included. Netflix is available in selected countries. Streaming Netflix requires to set up an account. Broadband Internet required. See www.netflix.com/TermsOfUse for details.

2.5 Installing the batteries

Fig. 5

Place 2x AA batteries in the battery compartment of the smallest remote control and 2 x AAA in the battery compartment of the biggest remote control. Make sure to match the polarity markings inside the compartment.

NOTE: Pictures are for reference only. Actual items may be different.

1. Open the cover.
2. Put batteries in the compartment and make sure the polarity is correct.
3. Close the cover.

Precautions for using the battery

Improper using of the battery will cause leakage. Carefully follow these instructions.

1. Please note the batteries' polarity to avoid short circuit.
2. When the battery's voltage is insufficient which affects the use range, you should replace it with a new battery. Remove the batteries from the remote-control unit if you do not intend to use it for a long time.
3. Do not use different types of batteries (for example Manganese and Alkaline batteries) together.
4. Do not put the battery into fire, and charge or decompose the battery.
5. Please dispose batteries abide by relevant environmental protection regulation.

2.6 Using the remote controls

- Use the remote control by pointing it towards the remote sensor. Items between the remote control and the remote sensor could block normal operation.
- Do not cause the remote control to vibrate violently. Also, do not splash liquid on the remote control or put the remote control in a high humidity place.
- Do not place the remote control under direct sunlight which will cause deformation of the unit by heat.
- When the remote sensor is under direct sunlight or strong lighting, the remote control will not work. If so, please change the lighting or TV's position, or operate the remote control closer to the remote sensor.

* to confirm your choices use **OK** button or right ▶ button.

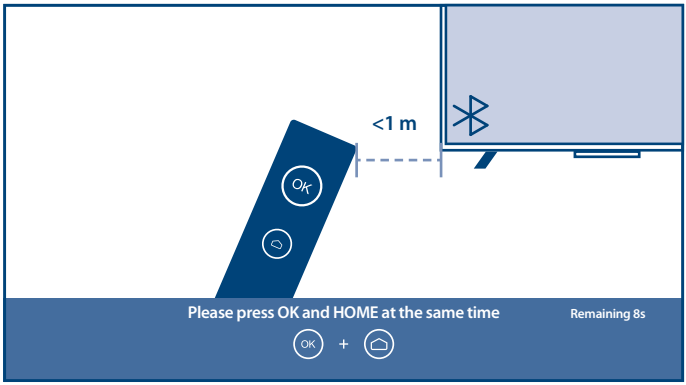
NOTE: This TV is equipped with two remote controls. You can choose to use both remote controls or just one.

3.0 FIRST TIME INSTALLATION

After all connections have been made properly, switch your TV on.

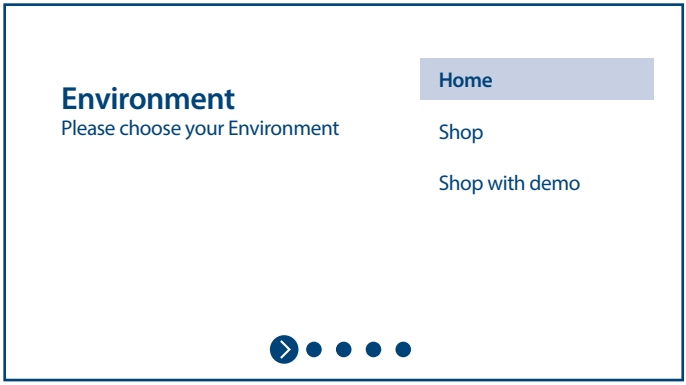
Please follow the initial First Time Installation (FTI) procedure on your screen and complete the installation. It will take a few minutes.

NOTE: If you plan to use smaller RCU for TV control, we recommend to make pairing of it with your TV. This will allow using extended features of it. FTI procedure start with pairing screen. Fallow simple on-screen instructions for this. If you miss this screen, it is possible to make pairing later in Settings chapter of menu or by pressing key on RCU at first time of it usage.

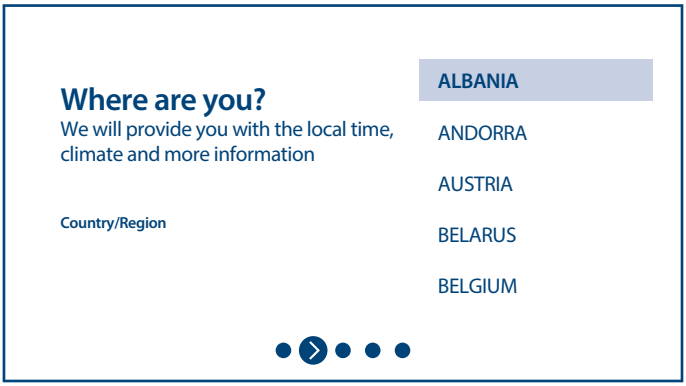


TV channels installation

Select TV Environment as *Home* or *Shop/Shop with demo* to define place of TV installation and usage.



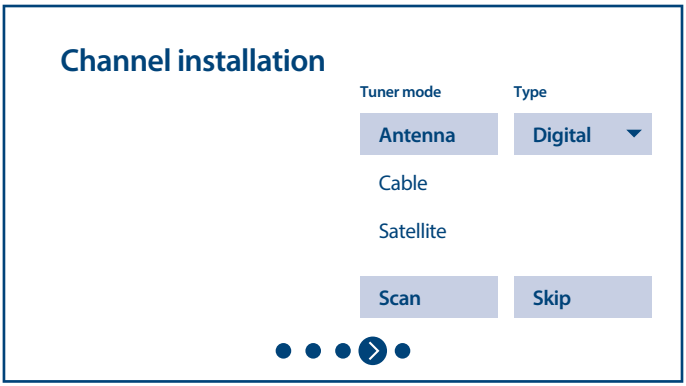
Select your country and confirm your selection with **OK**.



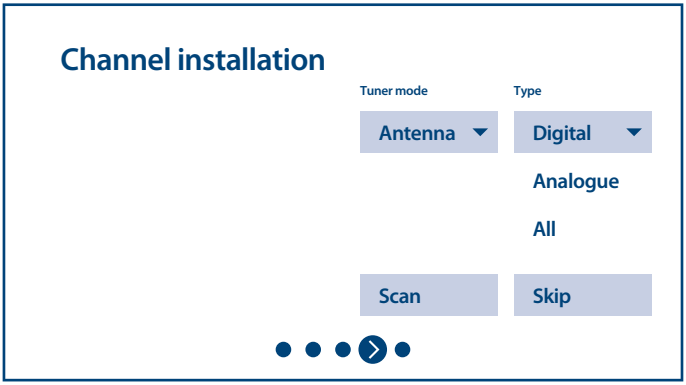
After confirming Terms & Conditions and Notices you can start the channel installation.

Select your preferred Tuner Mode *Antenna, Cable* or *Satellite*.

It is possible to skip scanning and perform it later. Select *Skip* in this case.

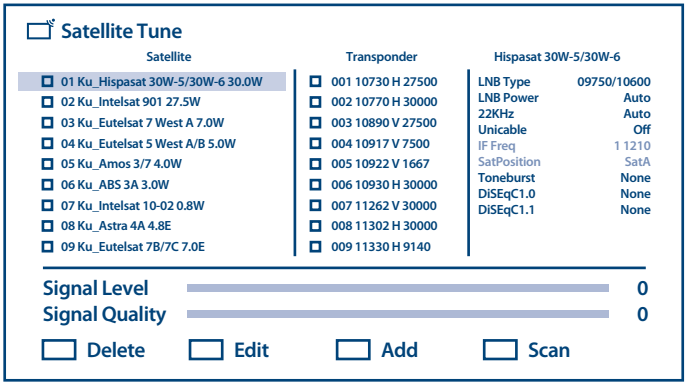


To install channels for terrestrial or cable broadcasting please select *Antenna or Cable* and choose required type of channels *Digital, Analogue* or *All*.



Then – move to *Scan* and make scanning. System will scan for channels and save them to channel list.

To install channels from satellite broadcasting, select *Satellite* and perform required settings according to your actual satellite system configuration.



Select the satellite, you want to configure, and in most right column set correct DiSEqC port for it.

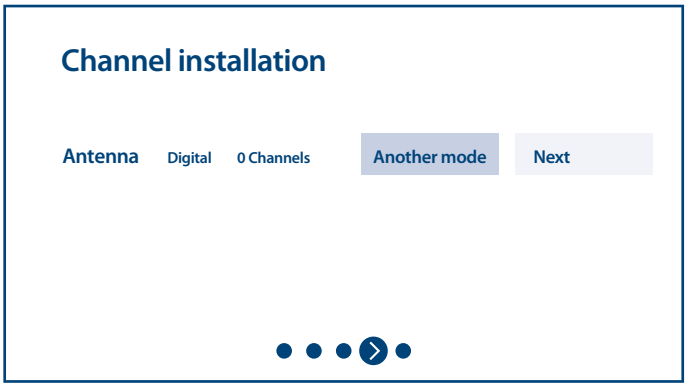
If you want to scan only some specific Transponder(-s) for it, check them in columns in the middle. If you want to scan all transponders for satellite, just check satellite in most left column.

Repeat this for other satellites if they are present in your system.

Press **BLUE** button for scanning. System will scan for channels and save them to channel list.

To complete installation follow the instruction on the screen.

To scan more channels or to install channels of another TV system, after installation process completed, select option *Another Mode* or *Next* to finish channel installation.



Refer to **Chapter 5.1** for more information for TV channel installation.

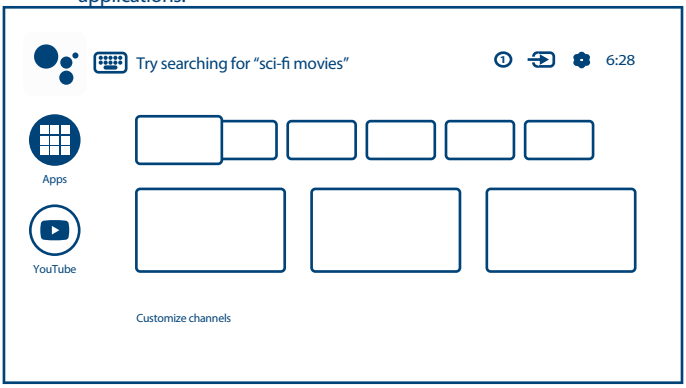
Congratulations! You have successfully completed the First time installation of your TV.

4.0 HOME SCREEN

The Home screen is the main screen of this model of TV.

It divided on few zones and lines and contains

- Search line with possibility to enter text to search information or content, related with this text;
- Notification corner, which provide information about system notifications and messages. It also gives quick access to TV inputs, connections, settings and show current system time.
- Application line *Apps*, which contain the list of most used applications, including *Live TV* application and others, and icon *Apps* – for access to complete applications list, installed in the system, and to Application Store to get to other new applications;
- Few more lines, which also called *Channels*, which shows detailed content, specific for each application. It is possible to customize this area. Use *Customize channels* to make changes. Please note, *S-Channel* line contains the list of recommended, but not installed on your TV applications.



To access Home screen and exit from any active application, press ⌂ button on the remote control unit (RCU).

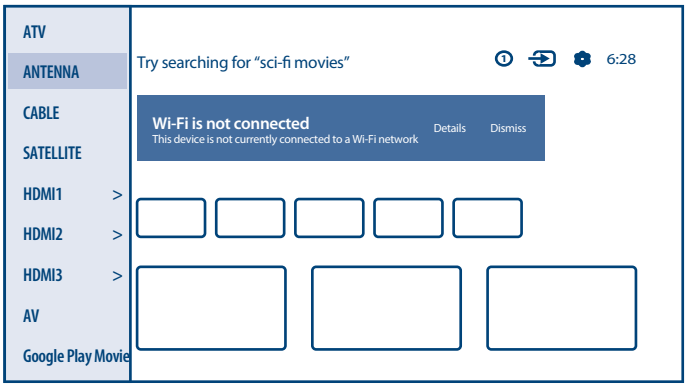
Use ◀ ▶ and ▲ ▼ to move around and **OK** to enter the option or application.

4.1 Inputs

TV has such possible inputs or sources: *ATV, ANTENNA, CABLE or SATELLITE* for respective live TV installed channels preview or *HDMI 1, HDMI 2, HDMI 3 and AV* to select connection from external devices.

To access to this option, select *Inputs* item on Home screen or press **INPUT** button on RCU.

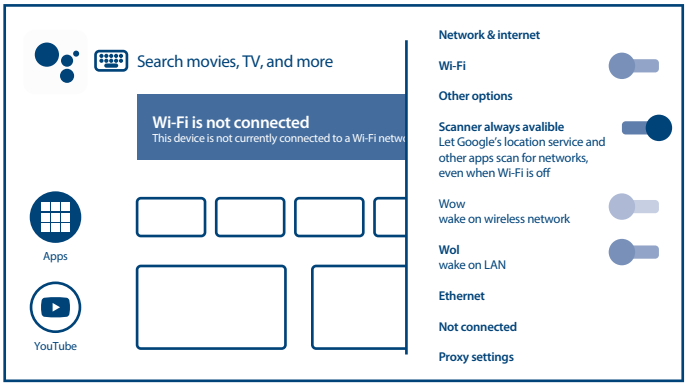
Select the input sources for the devices which are connected to the TV through the different inputs or ports.



4.2 Network & Internet

Connection to internet allows to install and use internet applications (i.e. You Tube, Netflix, etc.) and to enjoy of other advantages of Smart TV.

Access to the part for network and internet connection is through chapter *Network & internet* of *Settings* menu or through quick access panel on Home screen.



Your TV can be connected to your home network in two ways:

- Wired, using the RJ-45 (LAN) connector on the back panel.
- Wireless, using the internal wireless and your home wireless network.

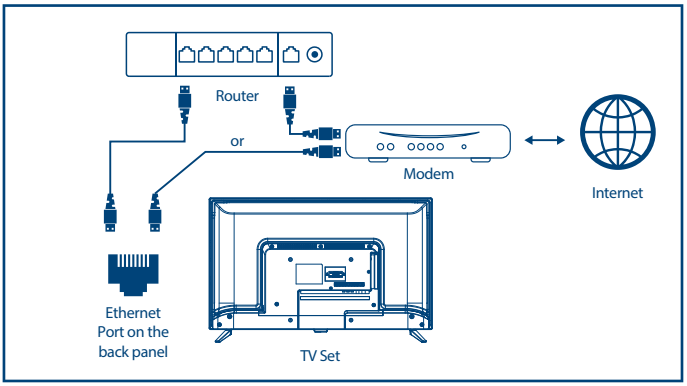
NOTE:	To access the Internet, you must subscribe to a highspeed broadband Internet service with your Internet service provider.

NOTE:	Instructions below are just the usual ways to connect your TV to a wired or wireless network. The connection method may differ depending on your actual network configuration. If you have any questions about your home network, please refer to your Internet service provider.

Connecting to a wired network

Fig. 6a

NOTE: The graphics are for representation only.



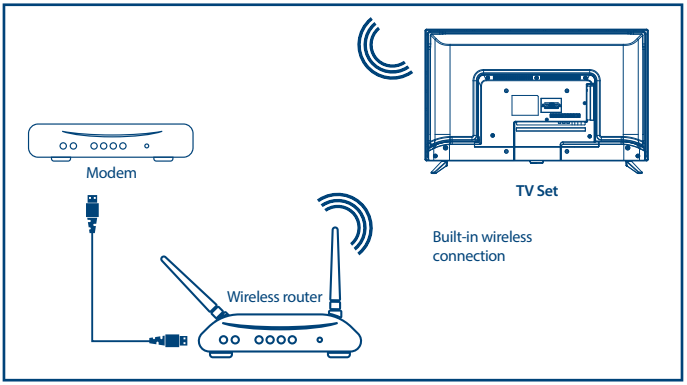
To connect to a wired network

1. Ensure you have:
- An Ethernet cable long enough to reach your TV
- A router or modem with an available Ethernet port
- A highspeed Internet connection
2. Connect your Ethernet cable to the router and to the Ethernet port on the back of the TV.
3. Use the *Network Configuration* menu to configure the TV.

Connecting to a wireless network

Fig. 6b

NOTE: The graphics are for representation only.



To connect to a wireless network:

1. Ensure you have:

- A router broadcasting a 2.4GHz wireless signal
- A highspeed Internet connection

2. Select your Wi-Fi network from the *Available networks* list and enter password for connection.
3. Use other options of menu to configure the connection (if required).

Please refer to **chapter 6** to read more about Smart features of your TV.

5.0 LIVE TV USAGE

Select *Live TV* application from Home screen or one of TV sources from input menu to watch live TV channels. Press **OK** to start this application.

This application gives you access to live TV to watch and enjoy your favorite TV and radio programs from TV sources (ATV, Antenna, Cable or several of Satellites) of your choice.

In case if you skipped channel installation part during FTI and enter application for the first time, application will recommend to perform channel scanning and installation.

NOTE:	Please note, that you can't watch anything, if there are no channels scanned and installed.

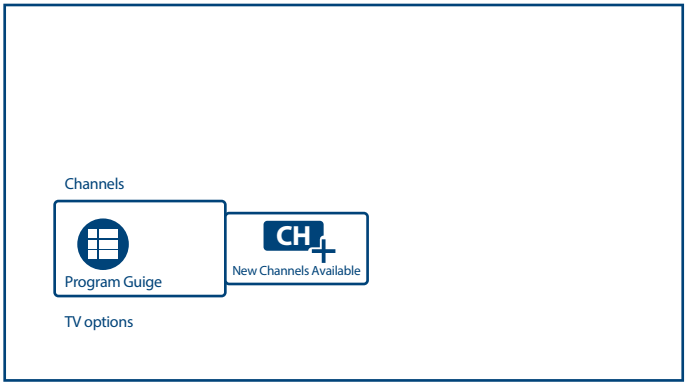
5.1 Channel installation

Exist two ways to install channels.

Way 1 - through TV options from *Channels* chapter with OK button

Press **OK** to get to *Channels* chapter.

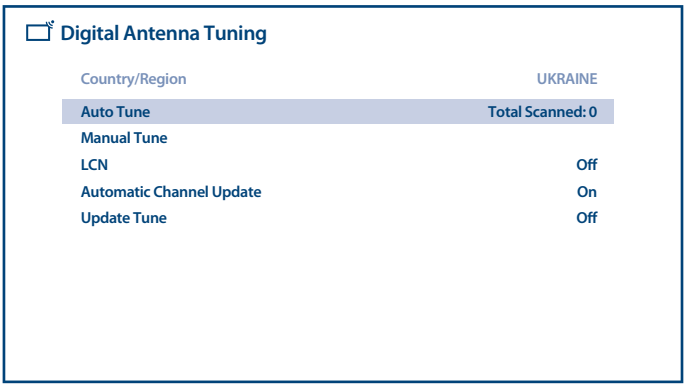
Select *CH+* icon to add new channels.

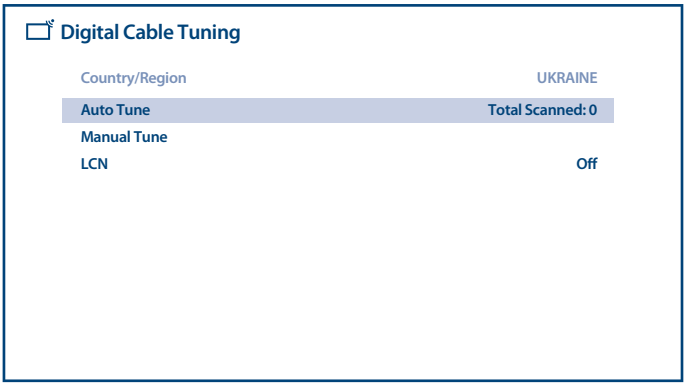


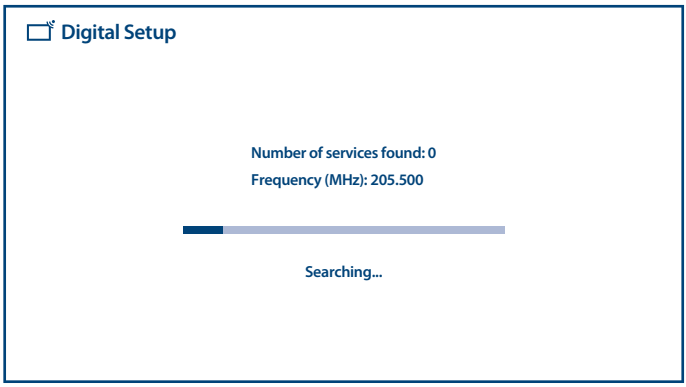
Select source for channels installation.

ATV mode provide access to analogue channels setup. You could start *Analogue Auto Tuning*, make manual tuning and define some parameters for Teletext

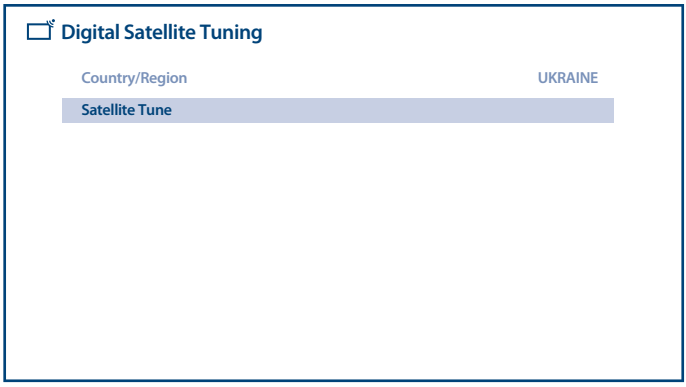
Select *Antenna* or *Cable* to scan digital aerial or cable TV channels.







Select *Satellite* to scan digital satellite TV channels.

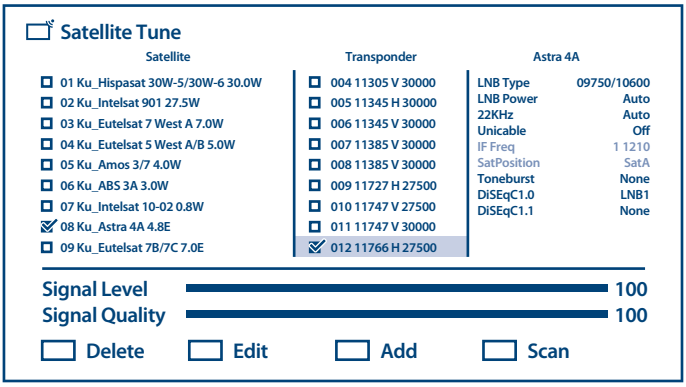


Select the satellite, you want to configure, and in most right column set correct DiSEqC port for it.

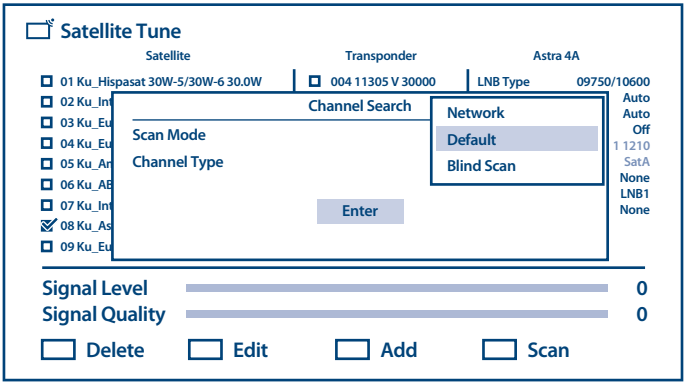
If you want to scan only some special transponder(-s) of it, check them in columns in the middle. If you want to scan all transponders for satellite, just check satellite in most left column.

Repeat this for other satellites if they are present in your system.

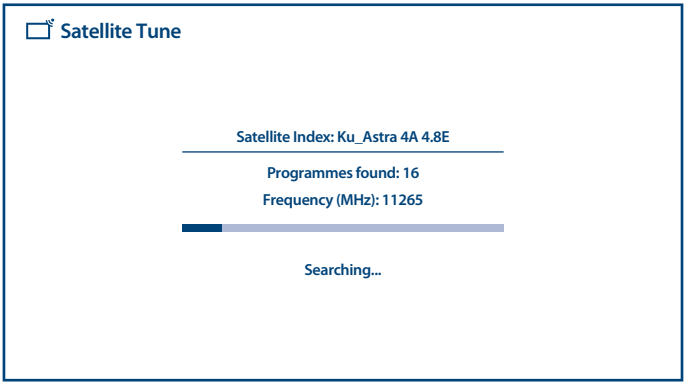
Press **BLUE** button for scanning.



To complete installation follow the instruction on the screen.



System will scan for channels and save them into channel list.

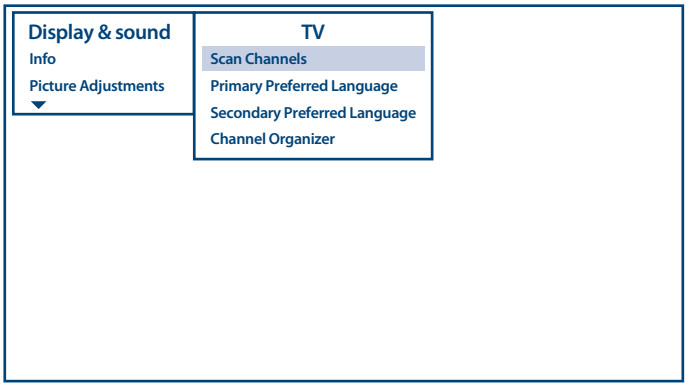


After installation of new channels completed, confirm finish of it with *Done* item on Setup sources screen.

Way 2 - through TV menu from *Scan Channels* chapter

Press ☰ and then ▶ button to get to *Scan Channels* chapter.

You will enter to same scan chapters, as described above, according to selected and using TV system type or TV source.



NOTE: When you enter to *Live TV* application at first time after channel installation, you will be asked to confirm functionality of your RCU by pressing one of the buttons.

5.2 Watching TV channels

When the installation is completed, you can use TV set for watching of installed TV programs.

Some helpful features for comfortable watching.

Changing channels

Following ways are possible for changing channels:

- Via direct access using the **0~9** buttons.
- Via the ▲ ▼ or **P+/P-** buttons.

- Via the channel list using **LIST** and ▲ ▼ buttons. Use **P+/P-** buttons in the list to move through list Page Up or Down, use ◀ ▶ keys to switch between different channel lists type, like TV channel, Radio channel, Scrambled channel and other, including favourites channel Lists.

Info Banner

While watching TV you can press **INFO** button to get information about current / next program and event on broadcasting and also some other useful information about it*.

*Event information is displayed when available. Availability depends on the broadcast.

5.3 Electronic Program Guide (EPG)

EPG stands for Digital Electronic Program Guide. It is supplied by the programme providers and offers information about broadcasted programmes. You can access it in digital mode by pressing **EPG** on the remote control or through TV options with **OK** button in *Channels* chapter. Select *Program Guide* icon to get into EPG.

Use ▲ ▼ to select channel and ◀ ▶ to see detailed information for program.

Press ← to stop and return to viewing modes.

Press **COLOUR** buttons to make required actions:

RED	jump to Previous Day of EPG
GREEN	jump to Next Day of EPG

NOTE:	Vertical line in time bar shows current time. Selected program has progress bar in different colour, which shows how much time passed from the beginning of the program.

5.4 TV Menus

You can use access to menus of *Live TV* application to make changes in channels viewing and set other options.

Application has several different branches to get access to TV options and settings:

- by **OK** button;
- by ☰ button;
- by ⚙ button.

TV options, available by OK button

It has 2 levels *Channels* (default) and *TV options*. This menu organized as lines of icons.

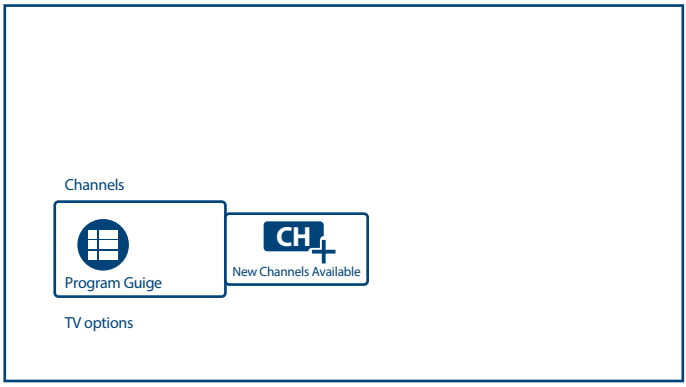
- 1st TV options level

This level called *Channels* and gives access to some information and parameters of broadcasting.

It contains such items: *Program Guide, CH+ (New Channels Available)*.

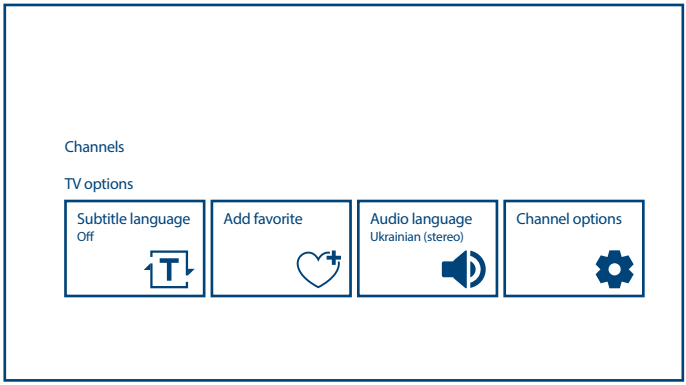
Program Guide gives access to EPG. Please refer to **Chapter 5.3** for more information how to use it.

P+ (New Channels Available) tool allows quickly add/install new channel to channel list. Please refer to **Chapter 5.1** for more information how to use it.



- 2nd TV options level

TV options contains such items: *Subtitle language, Add favorite, Audio Language* and *Channel options*.



Options for *Subtitle language* are:

- *Off*
- *Basic*
- *Hearing Impaired*

Add favorite allows to add or remove current channel to/from 1 or more Favorite channel lists. If selected channel included into one of Favorite channel lists, in Info-banner will present symbol Heart in RED color in top-right corner.

Options for *Audio Language* are: *Audio Language* for selection actually audio language track and *Audio Description* (if available from broadcasting).

Channel Options define additional options for organizing and control channels preview.

Available options and parameters:

Hide Channels	marked channels are visible. To hide channel in channel lists and for zapping just unmark it. Please note, channel remain available via direct access through **0~9** buttons;
Parental controls	if this parameter is ON, it is possible to define limitations to access particular sources and channels. Here you also could change current PIN to new one;

Common Interface	gives access to CI slot and CAM card menu, which inserted into slot.
Signal Condition	to show detailed information about current channel, like Signal Level and Quality, Frequency, Service ID, etc.
Version	show actual FW version

TV menu, available by ☰ button

By pressing ☰ button you will get access to TV menu.

It has 2 columns *Display & Sound* (default) and *TV*. This menu organized as lists of items.

Here you could change screen and sound parameters for most comfortable watching TV channels and also scan for new channels and organized channels.

- Display & Sound

This menu gives access to screen and sound parameters of TV.

It contains such items: *Info, Picture Adjustments, Screen, Sound adjustments, Speakers* and *HDMI Settings*.

Info call same information banner, as by **INFO** button. For more details, please refer to Chapter 5.2)

Picture adjustment has 2 sub-menues:

- *Picture Mode*
- *Advanced Settings*

Picture Mode propose such options for moving pictures quality: *Standard* (as default and *Dynamic, Movie, Sport, Personal*. Select for most acceptable for you picture quality.

Use *Advanced Settings* to adjust picture parameters as *Brightness, Color* and *Clarity* settings.

Screen (Mode) propose such options for Display aspect ratio:

- *Zoom 1, 4:3, 16:9*
- *Zoom 2*

Small screen icon at the right will show you, how each item will change the screen.

This sub-menu also available by pressing of **ZOOM** button on RCU.

Sound adjustment has such sub-menues:

- *Sound Mode*
- *Surround*
- *Advanced Settings*

Sound Mode propose such options for sound quality: *Standard* (as default and *Sports, Movie, Music, news*. Select for most acceptable for you sound quality.

Surround used to ON or OFF (as default life-like surround sound from 5.1-channel audio sources.

Use *Advanced Settings* to adjust sound parameters as *Volume Settings* and *Sound Mode Related* settings.

HDMI Settings menu option give you access to HDMI CEC control settings – to use 1 of your RCU to provide limited control with it of your TV and other of connected to TV through HDMI devices.

- TV

This menu gives access to sub-menus to scan for new channels and organized them in most useful way.

It contains such items:

- *Scan Channels*
- *Primary Preferred Language*
- *Secondary Preferred Language*
- *Channel Organizer*

Please refer to **Chapter 5.1** for information how to scan and install new channels.

Here you could also select primary and secondary preferable audio language for channels. If any options available from broadcasting, TV will consider your preferences.

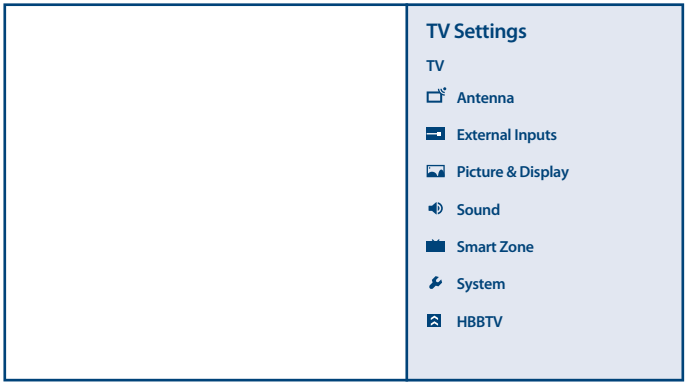
Channel organizer give possibility to make changes in channel list as *Hide, Swap, Edit, Insert, Delete, Move* and *Clear all* for selected by **OK** channel.

NOTE:	Please note, that using the option *Clear all* will remove all stored channels from your TV.

TV Settings menu, available by ⚙ button

This is TV system menu, which organized in column at right side of screen.

It's available from any application by pressing ⚙ button on RCU.



Content of TV Settings menu:

Antenna (or Satellite, or Cable)	give access to installation channel menu or selected TV type, if TV application is active.
External Inputs	to make some configuration for external inputs, like HDMI, etc.
Picture & Display	define display and picture mode, and manually set picture parameters like Brightness, Contrast, Colour, Clarity, etc. (same options, as from TV menu, described above)
Sound	define system sound mode and manually set Sound Adjustment, TV Placement (Wall Mount or Desktop) and Digital Audio Out (PCM or DD+).
Smart Zone	will show some additional smart-options. Please refer to **Chapter 6** for more details.
System	will call system setting options, like *Language, Environment, Power, Sleep Timer, Smart TV Manual*, etc.
HBBTV	to set HBB TV support settings.

6.0 SMART TV POSSIBILITIES

Your TV model is smart. That is meaning that in addition to watching of normal Live TV, it provided some extra features, which allows you to use it in more flexible and wide way, to select other video content sources, like YouTube, Netflix, etc., to install various applications to extend functionality of your TV.

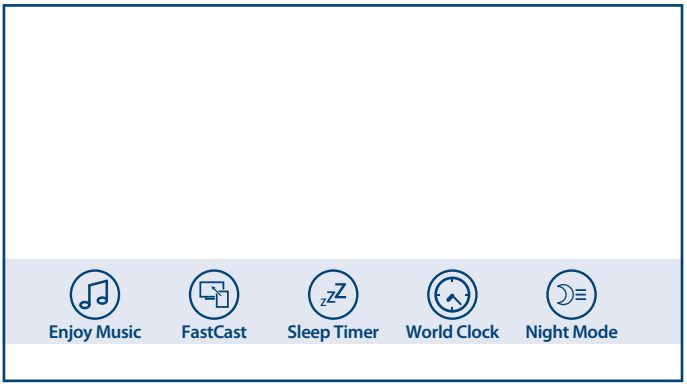
NOTE:	Using of smart functionality of your TV require connection to internet and, in most cases, using your Google account. Please refer to **Chapter 3** and **Chapter 7** for information how to setup internet connection and enter to Google account.

Using Google account give you access to applications and games, movie and music market of Google Play Store. Here you could search, select and install some useful utilities or games, applications for IPTV content, for watching streaming video and music content, another player for Multimedia, receive actual weather information and other.

Quite often application required registration and using of unique account to get access to their services. Please note, that not all services are for free and require subscription fee. Please keep this information in private.

By SMART RCU button TV will show some additional smart-options:

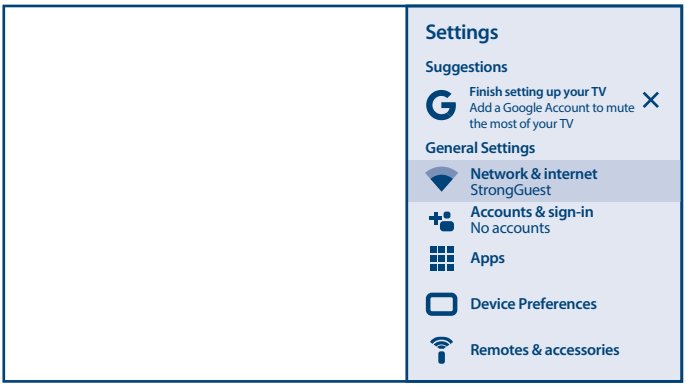
Enjoy Music	to switch off TV screen while playing music;
FastCast	to use TV as big screen for your smartphone;
Sleep Timer	to set sleep timer for your TV (if no RCU buttons were pressed during some period of time);
World Clock	to show clock with actual time on TV screen;
Night Mode.	to switch ON or OFF night mode for your TV.



7.0 SYSTEM SETTINGS

Access to all settings of your TV provided from chapter *Settings* menu through quick access panel on Home screen or from the list of all applications.

7.1 Settings main menu



Main setting features, like network connection, accounts, applications and other are available from first screen of setting menu.

Here you will get some system suggestions, manage your accounts (*Accounts & sign-in*) and your applications (*Apps*).

For *Network & internet* connections please refer to **Chapter 4.2**

In chapter *Remotes & accessories* you could add to TV and manage accessories, like remote control unit, Bluetooth headphones, etc.

7.2 Device Preferences menu

To get access to all device control options, like *Date & time, Language, Picture, Sound*, etc., please select *Device Preferences* chapter on this menu.

Enter to main settings menu. Press ▲ ▼ to select *Device Preferences*, then press **OK** to enter the sub-menu.

Sub-menu content:

About	provide information about your device model and name, some other useful information and also give access to tool of restart or update system.
Date & Time	define the way how to set local date and time, set format of this information, select local time zone.
Language	display various languages list to set menu language for you TV. Use ▲ ▼ to select required language and press **OK** to confirm.
Keyboard	set graphical on-screen keyboard parameters.
Sound	define system sound mode and manually set sound parameters like System sounds, Balance, Equalizer, Auto Volume Control, etc.
Storage	information about internal and connected storage devices
Home screen	customize appearance of your Home screen.

Other options available in this menu: *Google Assistant, Chromecast built-in, Screen saver, Location, Usage & diagnostics, Accessibility*

Reboot	to reboot your TV.

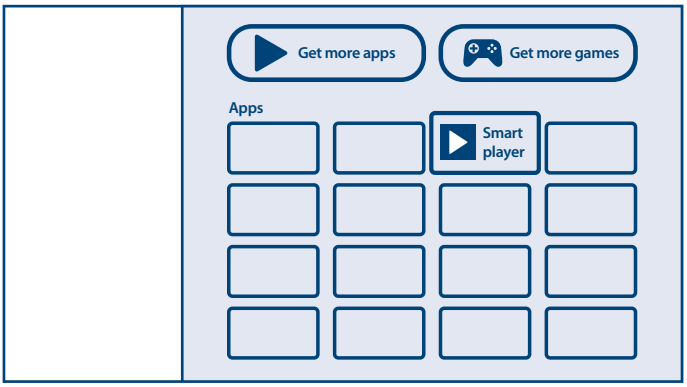
8.0 MULTIMEDIA

8.1 Reminder when using the USB storage devices

1. Some USB storage devices may not be compatible to operate smoothly with this TV.
2. Back up all of the data in the USB storage device in case data is lost due to an unexpected accident. STRONG does not assume any liability for the losses by misuse or malfunction. Data backup is consumer's responsibility.
3. For large file sizes, the loading speed may be slightly longer.
4. The recognition speed of a USB storage device may depend on each device.
5. When connecting or disconnecting the USB storage device, make sure the TV is not in USB mode, otherwise the USB storage device or the files stored in it may be damaged.
6. Please use only a USB storage device which is formatted in FAT16, FAT32, NTFS (playback only) file system provided with the Windows operating system. In case of a storage device formatted as a different utility programme which is not supported by Windows, it may not be recognized.
7. When using a USB Hard Disk Drive, which is not powered independently, ensure its power does not exceed 500 mA. Otherwise, the TV system will change into standby mode, and you must pull out the USB Hard Disk and restart the TV system.
8. An "Unsupported File" message will be displayed if the file format is unsupported or the file is corrupted.
9. FHD big picture needs longer time to process, which is not caused by the TV. Please be patient.
10. This TV may not support some Multimedia files changed and upgraded as the change of the encoding format or other technical aspects advances.

8.2 Multimedia Player

To playback media files like to view videos and movies, play music, show photos and pictures and read text files from your USB storage devices recommended to use built-in Multimedia player, shown on icon like Smart Player. It available from the list of installed applications.

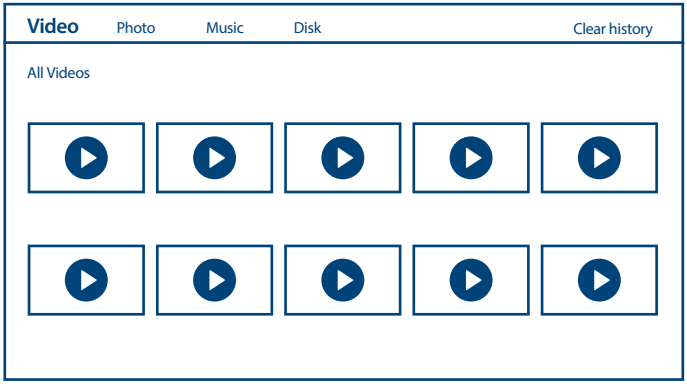


With Smart Player you can reproduce video, audio or picture files of supported formats from your USB storage devices on your TV screen.

NOTE:	If, for any reason, you do not want to use built-in Smart Player application, you could enter to Google Play Store and install any of available media players (i.e. MX Player, VLC Player, etc.).

NOTE: Support (or non-support) of Multimedia files depend not only on your TV, but also on application, which will be used for playback. Different Multimedia applications could contain built-in abilities to support various formats and types of Multimedia files.

Connect a USB storage device to the USB port, run Smart Player and select the types of media on the Multimedia selection part of screen: *Video, Photo, Music* and *Disk*.



Your TV will collect all supported files of selected media type and will show them in one list.

Use ▲ ▼ and ◀ ▶ to select file.

Press **OK** for playback.

During playback you could use Multimedia buttons on your RCU or use on-screen commands, available from menu by ☰ button.

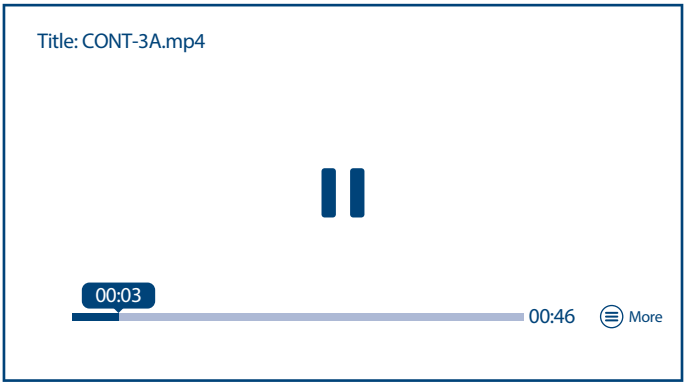
NOTE: By choosing one of the media types, for example *Video*, the list will display only compatible media files and no other files of other types.

TV remember files, which were opened earlier for playback, and show them as *History* line.

Use ☰ to clear history.

8.2.1 Play videos

Select *Video* from Multimedia type selection and choose file for playback.



Additional useful keys:

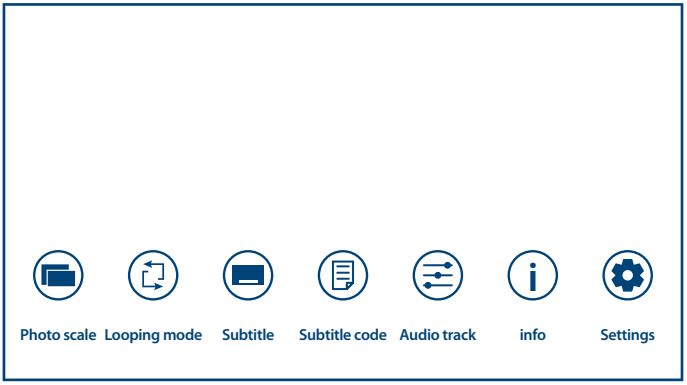
OK to play or pause the playback.

◀ ▶ for rewind backward/forward the file.

▲ ▼ to switch to previous/next file for playback.

INFO button to get more information about the file.

To get access to control playback during playback press ☰ to display the menu.

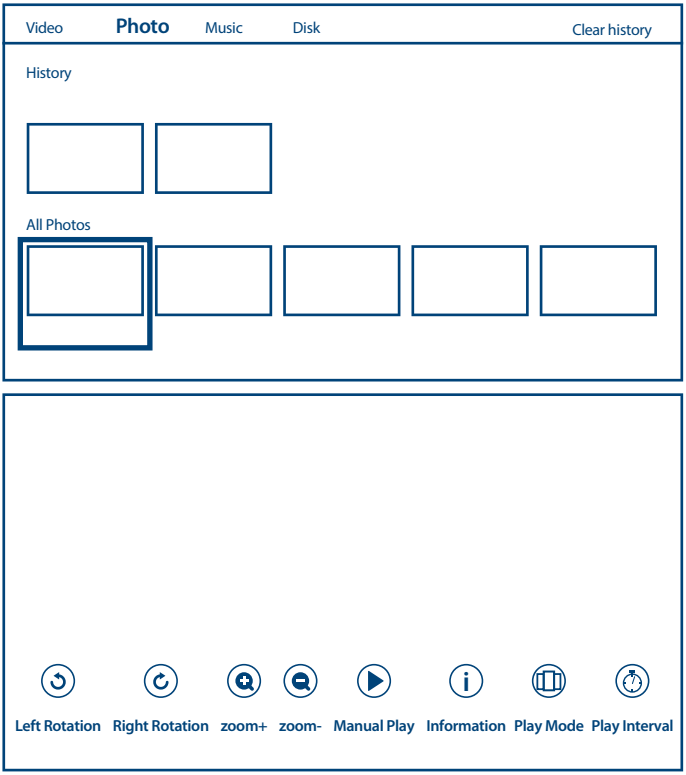


Available options:

Photo scale	to define aspect ratio of picture on screen during playback
Looping mode	select repeat mode for playback
Subtitle	to show subtitles on screen (if available)
Subtitle code	to select subtitles encoding
Audio track	select sound tracks (if available)
info	display detailed information about file
Settings	to get access to TV Settings menu, same as by ⚙ button.

8.2.2 Browse photos

Select *Photo* from Multimedia type selection and choose the file from which the slideshow has to start the playback.



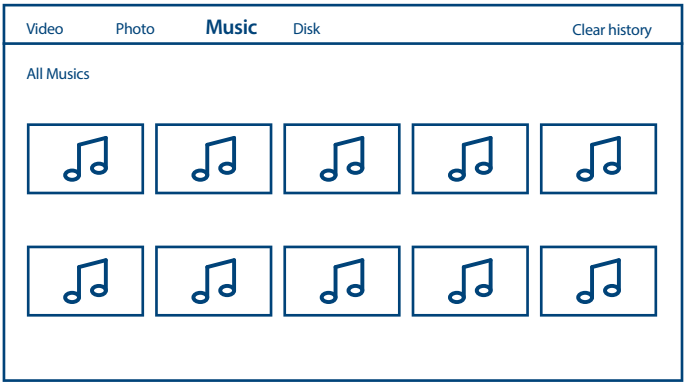
To get access to control playback during playback press ☰ to display/exit the menu.

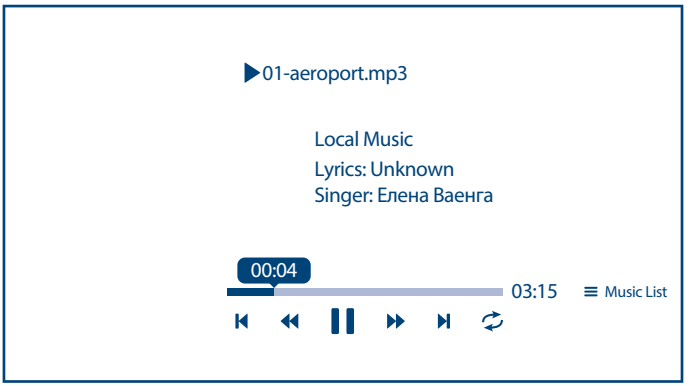
Available options:

Left/Right Rotation	to rotate picture on screen
Zoom +/-	to zoom in/out picture on screen
Manual Play	to play or pause the slideshow playback
Information	display detailed information about file
Play Mode	select play mode for slideshow playback
Play Interval	on select play interval between slides for slideshow playback
BGM	to ON/OFF background music.

8.2.3 Play music

Select *Music* from Multimedia type selection and choose file for playback.





To control playback use on-screen or RCU Multimedia buttons.

Additional option:

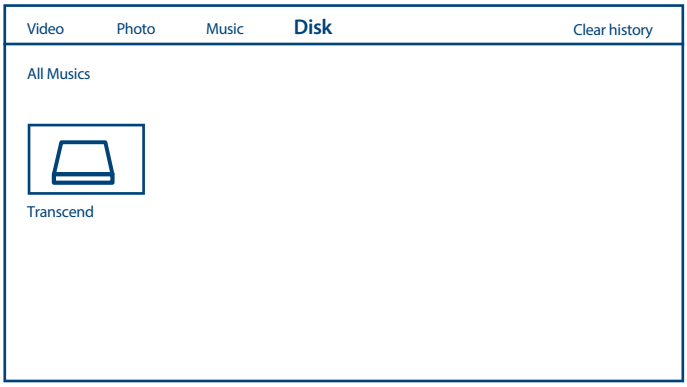
Repeat select repeat mode for playback

To get access to tracks playlist press ☰.

NOTE:	An over-modulated mp3 file may cause some sound distortion during playback.

8.2.4 Browse files

Select *Disk* from Multimedia type selection and choose folder to enter or file for playback.



NOTE:

- This menu shows only supported by Smart Player files.
- Files with other file extensions may not be displayed, even if they are saved on the same USB storage device.

9.0 TROUBLESHOOTING

Before calling a service technician, review following information for possible causes and solutions for the problem you are experiencing. If the TV does not work properly after checking it, please contact your local service line or STRONG dealer. Alternatively, you can send a support mail via our website www.strong.tv.

Problem	Possible cause and solution
No picture, no sound	1. Check if the fuse or circuit breaker is working. 2. Plug another electrical device into the outlet to make sure it is working or turned on. 3. The power plug is in bad contact with the outlet. 4. Check the signal source.
No colour	1. Change the colour system. 2. Adjust the saturation. 3. Try another channel. Black-white programme may be received.
The remote control does not work	1. Change the batteries. 2. The batteries are not installed correctly. 3. Main power is not connected.
No picture, normal sound	1. Adjust the brightness and contrast. 2. Broadcasting failure may happen.
Normal picture, no sound	1. Press the volume up button to increase the volume. 2. The volume is set to mute, press ⊘ to restore the sound. 3. Change the sound system. 4. Broadcasting failure may happen.
Unorderly ripples on the picture	It is usually caused by local interference, such as cars, daylight lamps and hair driers. Adjust the antenna to minimize the interference.

Problem	Possible cause and solution
Snowy dots, blocking and interference	If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots, show blocking or break-ups. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception. 1. Adjust the position and orientation of the indoor/outdoor antenna. 2. Check the connection of the antenna. 3. Fine tune the channel. 4. Try another channel. Broadcasting failure may happen.
Ghost	Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.
Radio frequency interference	This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.
Playback of video is causing picture freeze/macro blocks or similar distortion, especially on HD content	Read/write speed of your USB device could be too low. Make sure to use a USB storage device with sufficient speed and space. Pen drives (USB sticks) may not support sufficient speed.
No signal or weak signal, intermittent reception	**a)** Cables might have loosened; moisture might have entered into cables or connectors, heavy rain at present or heavy storm at present. Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or peak the dish. Wait for rain/storm to subside. Ask a local satellite specialist for advice. **b)** The satellite dish is not pointing at the (correct) satellite(s). Adjust the dish. Ask a local satellite specialist for advice. **c)** Satellite dish is too small, trees or buildings in path. Change to a larger dish or change position of dish. **d)** Signal is too strong, dish is oversized. Connect a signal attenuator to the LNB input. Ask a local satellite specialist for advice.
Bad picture/blocking error during heavy rain	Heavy rain will attenuate satellite signals, below a certain level blocking will occur. Make sure your dish installation is up to standards to minimize rain effects. When in doubt, ask a local satellite specialist for advice.
If the TV turns off after plugging a cable into any connector	Again, turn on the TV.

NOTE: If the problem persists after these solutions, please contact your local support centre or send a support mail via our website www.strong.tv.

10.0 SPECIFICATIONS

Audio

Audio Output:	42", 43": 2 x 8 W 32": 2 x 5 W

Video

Channel coverage:	DVB-T2: 174 MHz-230 MHz; 470 MHz-860 MHz DVB-C: 113-858 MHz DVB-S2: 950 MHz-2150 MHz
System:	DTV: DVB-T2, DVB-S2, DVB-C ATV: PAL/SECAM (BG/DK/1) AV: PAL, NTSC, SECAM

Connectors 32", 43"

1x ANT IN
1x SAT IN
1x CI
3x HDMI
2x USB
1x LAN (RJ-45)
1x S/PDIF (optical)
1x AV IN 3,5 mm
1x HEADPHONES

Connectors 42"

1x ANT IN
1x SAT IN
1x CI
2x HDMI
2x USB
1x LAN (RJ-45)
1x S/PDIF (optical)
1x AV IN 3,5 mm
1x HEADPHONES

General Data

Operating voltage:	180 ~ 240 V AC 50/60 Hz
Power consumption:	42": max. 75 W, typ. 50 W 43": max.85 W, typ. 58 W / max. 85 W, typ. 60 W 32": max. 50 W, typ. 31 W
Power consumption in standby:	≤ 0.5 W
Operating temperature:	+5 °C ~ +35 °C
Storage temperature:	-15 °C ~ +45 °C
Operating humidity:	20% ~ 80% RH, non-condensing
Storage humidity:	10% ~ 90% RH, non-condensing
Dimensions (WxDxH) in mm:	42": 951.3 x 213.7 x 593.5 43": 996.7 x 221.6 x 616.3 32": 725.9 x 181 x 478.4
Net-weight:	42", 43": 6.2 kg 32": 3.6 kg

Data Protection:
Please be aware that STRONG, its manufacturing partners, the application providers and the providers of the services may collect and use technical data and related information, including but not limited to technical information about this device, system and application software and peripherals. STRONG, its manufacturing partners, the application providers and the providers of the services may use such information to improve its products or to provide services or technologies to you, as long as it is in a form that does not personally identify you.
Additionally, please keep in mind that some services provided - already in the device or installed by you - may request a registration for which you have to provide personal data.
Besides that, please be aware that some services which are not pre-installed but can be installed may collect personal data even without providing additional warnings and that STRONG cannot be held liable for a possible breach of data protection by services not pre-installed.