

STRONG

LED TV with DVB-T/C
SRT 32HX1001



User Manual
Bedienungsanleitung
Manuel utilisateur
Manuale utente
Manual del Usuario
Manual do Utilizador
Manual do Utilizador
Instrukcja obsługi

Korisnički priručnik
Uputstvo za rukovanje
Používateľská príručka
Manual de Utilizare
Uživatelská příručka
Инструкции за употреба
Руководство пользователя
Посібник користувача

Fig. 1a

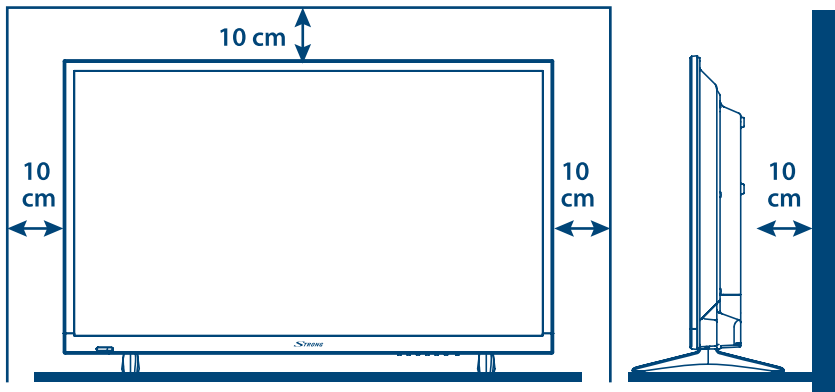


Fig. 1b

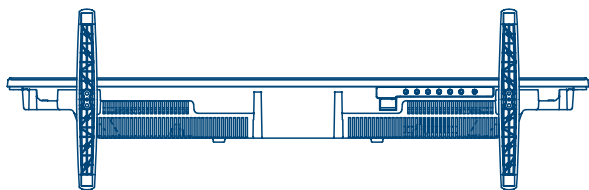


Fig. 2

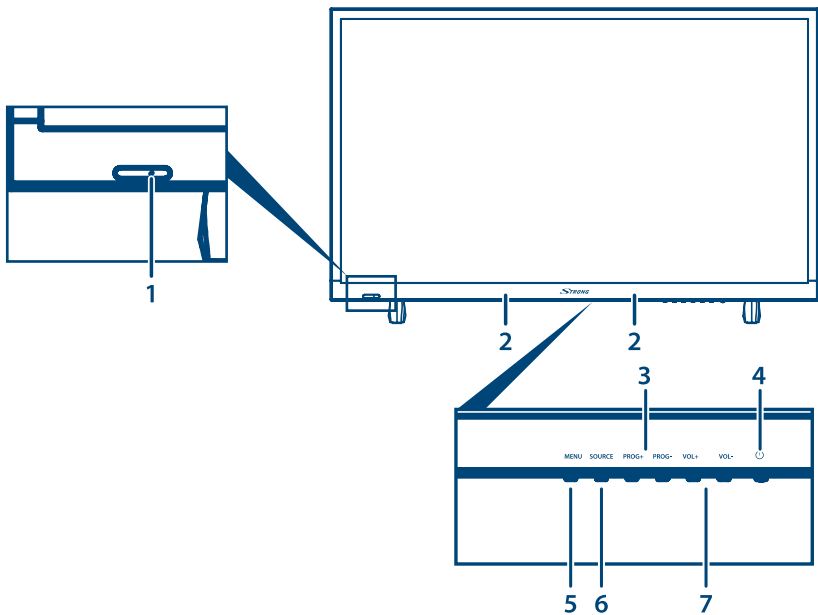


Fig. 3

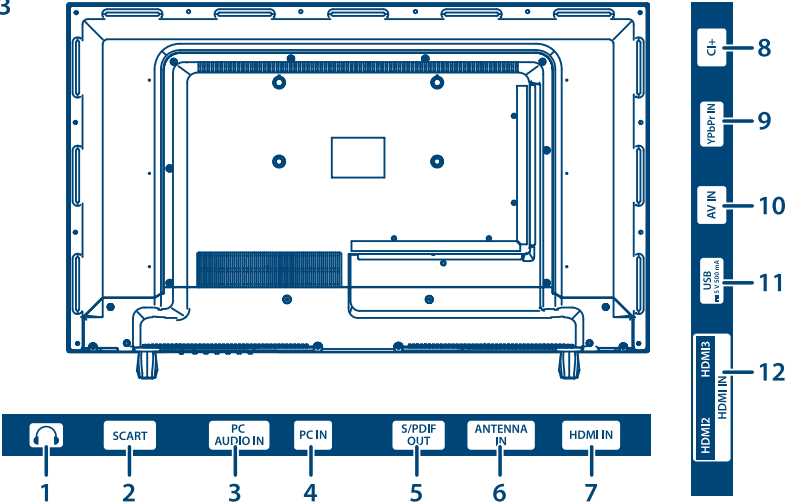


Fig. 4a

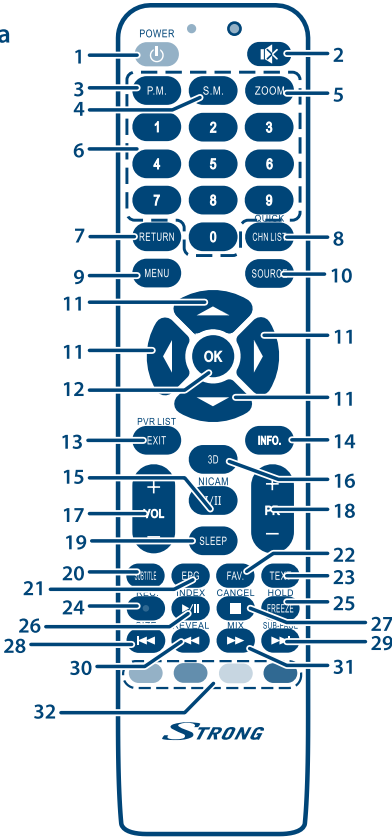


Fig. 4b

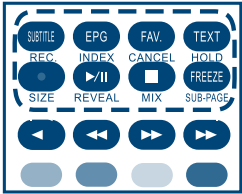
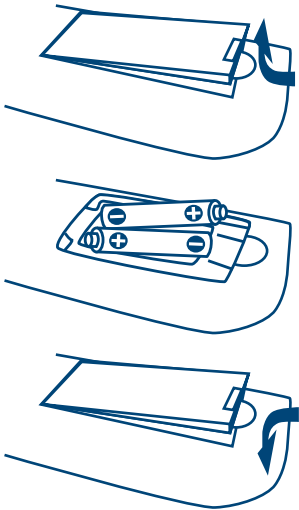


Fig. 5



www.strong.tv

Supplied by STRONG & Co, Japan
Represented by STRONG Ges.m.b.H.
Franz-Josefs-Kai 1
1010 Vienna, Austria
Email: support_at@strong.tv

LICENSES

ANY USE OF THIS PRODUCT IN ANY MANNER OTHER THAN PERSONAL USE THAT COMPLIES WITH THE MPEG-2 STANDARD FOR ENCODING VIDEO INFORMATION FOR PACKAGED MEDIA IS EXPRESSLY PROHIBITED WITHOUT A LICENSE UNDER APPLICABLE PATENTS IN THE MPEG-2 PATENT PORTFOLIO, WHICH LICENSE IS AVAILABLE FROM **MPEG LA, LLC**, 6312 S. Fiddlers Green Circle, Suite 400E, Greenwood Village, Colorado 80111 U.S.A.

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](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.

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

TABLE OF CONTENT

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	5
2.1 Default PIN code: 0000	5
2.2 Front panel	5
2.3 Rear panel	5
2.4 Remote control	6
2.5 Installing the batteries	7
2.6 Using the remote control	7
3.0 FIRST TIME INSTALLATION	8
3.1 Antenna/cable connection	8
3.2 Input source	8
4.0 MENU CONTROL	8
4.1 Picture	8
4.2 Sound	9
4.3 Channel	10
4.4 Lock system menu	11
4.5 Hotel Mode	12
4.6 Setup menu	13
5.0 USB MENU	15
5.1 Photo	16
5.2 Music	16
5.3 Movie	16
5.4 Text	17
6.0 TROUBLE SHOOTING	17
7.0 SPECIFICATIONS	18
8.0 APPENDIX	18

STRONG declares that the equipment complies with the European Directive 2004/108/CE (EMC) and the Low Voltage Directive 2006/95/CE (LVD) in accordance with the following technical standards:

ELECTROMAGNETIC COMPATIBILITY

EN55013:2001 + A1:2003 + A2:2006; EN55020:2002 + A1:2003 + A2:2005; EN61000-3-2:2000 + A2:2005; EN61000-3-3:1995 + A1:2001 + A2:2005

LOW VOLTAGE

EN60065:2002 + Amd.1:2006

It also complies with the Ministerial Decree no. 548.1 dated Aug. 28th, 1995 concerning the frequencies used in Italy by broadcast receivers and complies with RoHS Directive 2002/95/EC.

This equipment is manufactured in compliance with the provisions stated in the Ministerial Decree 26/03/92, in particular with Article 1 of the same, and it also complies with the Circular 97/D dated Apr. 29th, 1999.

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 Audio and the double-D symbol are trademarks of Dolby Laboratories. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. All product names are trademarks or registered trademarks of their respective owners.

© STRONG 2016. All rights reserved.



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.



-  Protective earthing terminal. An apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

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 environmental 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 instruction
- 1x remote control
- 2x AAA batteries
- 1x main power cable
- 2x bases (feet)
- 4x PM4X14 screws

1.4 Equipment set-up

Fig. 1a

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.

Stand assembly instruction

Fig. 1b

1. Carefully place the TV with its front side facing down on a cushioned flat surface in order to protect the TV and the TV screen from damage.
2. Take out the 2x feet and assemble them to the TV.
3. Fasten the feet to the bottom of the TV using the 4x PM4X14 screws.

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)
<i>Move to</i>	Represents a menu item within a window. (<i>Italic characters</i>)


2.0 INSTALLATION

2.1 Default PIN code: 0000

2.2 Front panel

NOTE: The graphics are for representation only.


Fig. 2

1. Power Indicator/Remote Sensor
2. Speakers
3. **PROG+/-** Programme up/down button
4.  Standby button
5. **MENU** Menu button Volume up button
6. **SOURCE** Source button Programme down button
7. **VOL +/-** Volume up/down button

2.3 Rear panel

NOTE: The graphics are for representation only.

Fig. 3













1. : Headphone or Earphone audio output, speakers will be muted when earphones are plugged in.
2. **SCART:** Connect devices like DVD or VCR using SCART cable.
3. **PC AUDIO IN:** Audio input for PC.
4. **PC IN:** Video input for PC via VGA cable.
5. **S/PDIF OUT:** Use an RCA cable to connect your TV to a compatible digital amplifier or Home theatre set.
6. **ANTENNA IN:** Connect an antenna or cable to the TV for searching and receiving programmes.
7. **HDMI IN:** Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console.
8. **CI+:** Connect a Conditional Access Module (CAM).
9. **AV IN:** Connect AUDIO and VIDEO input signals from a signal source such as DVD.
10. **YPbPr IN:** Connect component VIDEO input signal from a signal source such as DVD, share audio terminal with AV signal.
11. **USB:** USB 2.0 support multimedia playback and software upgrades. **Note:** Do not power off the TV during the software upgrading process, otherwise the TV may not work, and the customer should be responsible.
12. **HDMI IN:** Connect HDMI input signal from a signal source such as DVD, Blu-ray player or game console.

2.4 Remote control

NOTE:

Pictures are only for reference. Actual items may differ.

Fig. 4a

- | | |
|---|--|
| 1.  | Press to turn the TV on or standby. |
| 2.  | Press to mute or restore the volume. |
| 3. P.M | Press to select the desired picture mode. |
| 4. S.M | Press to select the desired sound mode. |
| 5. ZOOM | Press to the desired picture format. |
| 6. 0 ~ 9 | Press to set the TV channel directly. |
| 7. RETURN | Press to return to the previously viewed channel. In USB mode, you can return to the previous menu. |
| 8. CHN LIST | Press to open the channel list. |
| 9. MENU | Press to enter or exit from the TV menu. |
| 10. SOURCE | Press to select the input source mode. |
| 11.  | Press to select or adjust the desired item on the TV menu. |
| 12. OK | Press to confirm and execute the selection. |
| 13. EXIT | Press to exit from any menu. |
| 14. INFO | Press to display the current information including screen format, source, etc. |
| 15. I/II | Press to select the Audio Language depending on the broadcasting channel. |
| 16. 3D | No function. |
| 17. VOL +/- | Press to adjust the volume. |
| 18. PR +/- | Press to select previous/next channel. |
| 19. SLEEP | Press to set the length of time to switch the TV to standby mode. |
| 20. SUBTITLE | Press to turn On or Off the subtitles. |
| 21. EPG | Press to display the current EPG information in DTV mode. |
| 22. FAV | Press to view your assigned favourite channels. Press   to cycle through your assigned favourite channels, press OK to confirm. |
| 23. TEXT | Press to enter the teletext menu. |
| 24.  | No function |
| 25. FREEZE | Press to freeze or unfreeze the picture. |
| 26.  | Press to pause playback, press again to continue playback. |
| 27.  | Press the stop button to exit full-screen playback. |
| 28.  | Press to play the previous file. |
| 29.  | Press to play the next file. |
| 30.  | Press to fast reverse. |
| 31.  | Press to fast forward. |
| 32. COLOUR BUTTONS | Press to execute the prompt function in DTV mode. Press these buttons that corresponds to the desired menu or page number use in teletext mode. |

Teletext control buttons (optional)

Fig. 4b

- | | |
|-----------------|--|
| ■ INDEX | Press this button to display the index page. |
| ■ CANCEL | Press this button to return to the TV programme temporarily while searching for a Teletext page. When the search is done, the page number will be displayed on the upper left of the screen. Press again to return to the Teletext page. |

- **HOLD** Press to hold the Teletext page on screen without update and changes. Press again to release the hold state. When not in Teletext mode, press this button to freeze the picture display. **Note:** In non-Teletext mode and non-USB mode, the button is "FREEZE".
- **SIZE** Enlarge the Teletext display: Press this button once to enlarge the upper half of the screen. Press this button again to enlarge the lower half of the screen. Press this button again to resume to normal screen size.
- **REVEAL** Press this button to display concealed information, such as solutions to riddles or puzzles. Press again to remove the information from the display.
- **MIX** Press this button to superimpose the Teletext over the TV programme. Press again to return to normal Teletext mode.
- **SUB-PAGE** Press this button to enter or exit the subpage mode (if a subpage is available). Press the **RED** or **GREEN** buttons to select a subpage.

2.5 Installing the batteries

Fig. 5

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

NOTE: Pictures are only for reference. Actual items may differ.

1. Slide the cover horizontally.
2. Put 2x AAA batteries in the compartment and make sure the polarity is correct.
3. Slide horizontally to 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 affect 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 control

- 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, also do not 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.

3.0 FIRST TIME INSTALLATION

After all connections have been made properly, switch on your TV. The First Time Setup menu will appear on screen. Use ▲▼◀▶ to navigate in the menu:

<i>OSD Language</i>	To select your OSD language.
<i>Mode Setting</i>	Choose between Store Mode and Home Mode.
<i>Country</i>	To select the country you prefer.
<i>Tuner Type</i>	Choose between Antenna and Cable.
<i>Auto Scan</i>	Select DTV to reach digital broadcasting, ATV to reach analogue broadcasting or DTV+ATV to receive both.
<i>LCN</i>	To switch On or Off numbering LCN.
<i>Auto Channel Update</i>	Turn On if you want to activate this function.

Then, once you finished with the settings, select **START** at the end of the list and confirm with **OK** on your remote control, the TV will start searching for channels.

3.1 Antenna/cable connection

To receive digital or analogue signals, your TV has to be connected to a terrestrial indoor or outdoor antenna. Use the antenna cable to connect the antenna with the ANTENNA IN connector on the back of your TV. Please ensure that a properly shielded antenna cable and suitable connectors are used.

3.2 Input source

Press **SOURCE** to display the input source list. Press ▲▼ to highlight the present options in the list: *DTV* for digital terrestrial or cable transmissions (depending on which scan you have performed), *ATV* for analogue transmissions, *MEDIA* for devices connected to USB input, *AV*, *SCART*, *YPbPr*, *HDMI1*, *HDMI2*, *HDMI3*, *PC* for other connected devices. Confirm with **OK**.

4.0 MENU CONTROL

4.1 Picture

Press **MENU** to display the main menu, and press ◀▶ to select the submenus and then press **OK** to enter.

Picture Mode

Press ▲▼ to select *Picture Mode*, then press ◀▶ to select. Available picture modes are: *Standard*, *Mild*, *Personal* and *Dynamic*.

Brightness/Contrast/Sharpness/Saturation Hue

Press ▲▼ to select an option, then press ◀▶ to adjust.

<i>Brightness</i>	Adjust the visual perception output of the entire picture, it will affect the luminousness of the picture.
<i>Contrast</i>	Adjust the highlight intensity of the picture, but the shadow of the picture is invariable.
<i>Sharpness</i>	Adjust the peaking in the detail of the picture.
<i>Saturation</i>	Adjust the saturation of the colour based on your own like.

Hue Use in compensation colour changed with the transmission in the NTSC mode.

Colour Temp

Change the overall colour cast of the picture.

Press ▲▼ to select *Colour Temp*, then press ◀▶ to select *Standard*, *Cool* or *Warm*.

Standard Produces a vivid image

Cool Produces a gentle blue-hued image

Warm Produces a red-hued image

Aspect Ratio

Select the aspect ratio (display proportions) according to your video signal type or preference. Available choices are: *Auto*, *4:3*, *Full*, *Zoom1* and *Zoom2*.

Advanced Settings

Adjust advanced video features to fine tune the picture.

Press ▲▼ to select *Advanced Settings*, then press OK or ▶ to enter the sub-menu.

NR

Set options to reduce the video noise.

Press ▲▼ to select *NR*, then press ◀▶ to select.

Off Select to turn off video noise detection.

Weak Detect and reduce low video noise

Medium Detect and reduce moderate video noise

Strong Detect and reduce enhanced video noise.

Dynamic Contrast

Automatically adjust picture detail and brightness.

Press ▲▼ to select *Dynamic Contrast*, then press ◀▶ to select. Available settings are: *Off*, *Weak*, *Medium* and *Strong*.

4.2 Sound

Press MENU to display the main menu, and press ◀▶ to select the *Sound* menu.

Press ▲▼ to select the option that you want to adjust in the *Sound* menu.

Press OK or ◀▶ to adjust.

After finishing your adjustment, press MENU to return back to the previous menu.

Sound Mode

Press ▲▼ to select *Sound Mode*, then press ◀▶ to select. Available settings are: *Standard*, *Music*, *Personal* and *Movie*.

Standard Produces a balanced sound in all environments

Movie Enhances treble and bass for a rich sound experience

Music Preserves the original sound. Good for musical programmes

Personal Select to customize the sound settings.

Treble/Bass/Balance

Press ▲▼ to select the option, then press ◀▶ to adjust.

<i>Treble</i>	Adjust the treble effect. Increases or decreases high-pitched sounds.
<i>Bass</i>	Adjust the bass effect. Increases or decreases lower-pitched sounds.
<i>Balance</i>	Adjust the balance between left and right speakers to adapt to your listening position.

Surround Sound

Press ▲▼ to select *Surround Sound*, then press ◀▶ to select *On* or *Off*.

EQ Setting

Adjust the curve of 7 bands equalizer.

Press ▲▼ to select *EQ Setting*, then press OK or ▶ to enter the sub-menu.

AVL

Automatically reduces sudden volume changes, for example when switching between channels.

Press ▲▼ to select *AVL*, then press ◀▶ to select *On* or *Off*.

S/PDIF

Press ▲▼ to select *Digital Output*, then press ◀▶ to select *Off*, *Auto* or *PCM*.

Audio Description

Press ▲▼ to select *Audio Description*, then press OK or ▶ to enter the sub-menu.

Sound Type

Press ▲▼ button to select *Sound Type*, then press ◀▶ to select. Available settings are: *Stereo*, *Dual I*, *Dual II* or *Mixed*.

4.3 Channel

Press MENU to display the main menu and press ◀▶ to select the submenus *Channel*. Press OK to enter

Tuner Type

Press ▲▼ to select *Tuner Type*, then press ◀▶ to select *Antenna* for Terrestrial broadcasting or *Cable*.

Auto Scan

Press ▲▼ to select *Auto Scan*, then press OK or ▶ to enter the sub-menu.

<i>Country</i>	Press ◀▶ to select your country.
<i>Mode</i>	Press ◀▶ to select Mode: <i>DTV</i> for digital terrestrial reception (with ANTENNA), <i>ATV</i> for analogue signal (CABLE) or <i>DTV+ATV</i> together.
<i>Start</i>	Press OK or ▶ to start the auto searching. Wrong setting of Signal Type may cause finding no channel.

Manual Scan

Search for the channels manually.

Press ▲▼ to select *Manual Scan*, then press OK or ▶ to enter the sub-menu.

Digital Manual Scan

Press ▲▼ to select *Digital Manual Scan*, then press OK or ► to enter the sub-menu.

Digital Scan

Choose the channel frequency you intend to scan.

Start

Press OK or ► to start the manual searching.

Analogue Manual Scan

Press ▲▼ to select *Analogue Manual Scan*, then press OK or ► to enter the sub-menu.

Analogue Scan

Press ◀▶ to select frequency.

Channel to Save

Press ◀▶ to select the channel on which you want to save that frequency.

Colour System

Press ◀▶ to select Colour System: *Auto*, *PAL* or *SECAM*.

Sound System

Press ◀▶ to select Sound System: *Auto*, *DK*, *BG*, *I* or *L*.

Auto Frequency control

Press ◀▶ to select *On* or *Off*.

Start

Press OK or ► to start the channel searching.

Auto Channel Update

Automatically update the channels. Select *On* or *Off*

Channel Edit

Press ▲▼ to select *Channel Edit*, then press OK or ► to enter the sub-menu.

The three coloured keys are the shortcut keys for programming the channels. First press ▲▼ to highlight the channel you want to move, skip or delete and then:

Press the **RED** button to delete the channel.

Press the **GREEN** button to skip the select channel (your TV set will skip the channel automatically when using **PR +/-** to view the channels).

Press the **BLUE** button to set the channel to moving stat, then press ▲▼ to move it to the position you want to put, and press the **BLUE** button again to finish the move operation.

Favourite Manager

Manage your favourite channel list. Use the colour buttons to add the channels in your favourite FAV list.

Common interface

Press ▲▼ to select *Common interface*, then press OK to enter the sub-menu. Only available when there is CI card under DTV.

Signal Information

Press ▲▼ to select *Signal Information*, then press OK to see the detail information about the signal. Only available when there is signal under DTV.

4.4 Lock system menu

Press **MENU** to display the main menu, and press ◀▶ to select the submenu *Lock System* and press OK to enter.

Press ▲▼ to select the option that you want to adjust in the *Lock System* menu. Default password is **0000**, and if forget what you set, please call the service centre or write an email to our support via our website www.strong.tv.

After finishing your adjustment, press **MENU** to return back to the previous menu.

Enable

Press ▲▼ to select *Enable*, then press ◀▶ to select *On* or *Off*.

Channel Locks, *Parental Rating* and *Lock Keypad* are available when *Enable* is *On*.

Channel Locks

Press **OK** to enter the sub-menu. Select the channels you want to lock by pressing **OK**. From now on all selected channel will be displayed only after entering the password.

Parental Rating

Press ▲▼ to select *Parental Rating*, then press ◀▶ to set the parental rating you want to use from 4 (years old) until 18. Select *None* to deactivate this function.

Lock Keypad

Press ▲▼ to select *Lock Keypad*, then press ◀▶ to select *On* or *Off*. Set to prevent the keypad from being used by young children or other unexpected usage. This function locks the *Scan* and *Edit* sub-menus.

New Password

Press ▲▼ to select *New Password*, then enter a 4-digital number you want to set twice.

Clear Lock

Press **OK** to reset all other functions in this menu.

4.5 Hotel Mode

Active Hotel Mode

Press ◀▶ to select *On* or *Off*.

Max Vol.

Press ◀▶ to set the maximum volume when this function is activated.

Default Vol.

Press ◀▶ to set the default volume when the TV is turned *On*.

Source Lock

Press **OK** to access the sub-menu. Use ▲/▼ to select the source you want to lock and confirm with **OK**. Now the source is not accessible from the *Source Menu*.

Default Source

Press ◀▶ to select the default source. This source will always be displayed when the TV is turned *On*. Select *Off* to disable this function.

Default Programme

Press ◀▶ to select the default programme (only available when *DTV* and *Radio* were selected in the *Default Source* menu).

Backup to USB

Press **OK** to export the database onto an USB device.

Restore from USB

Press **OK** to load the database from an USB device.

Recall

Press **OK** if you would like to reset all settings of this menu.

4.6 Setup menu

Press **MENU** to display the main menu and press ◀▶ to select the sub-menu *Setup* menu. Press **OK** to enter.

After finishing your adjustment, press **MENU** to save and return back to the previous menu.

OSD Language

By pressing ◀▶ it is possible to choose the language you prefer for the OSD menu.

Audio Languages

Press **OK** or ▶ to access the sub-menu in which you can set the primary and secondary audio language by pressing ▲▼◀▶.

Subtitle

Press **OK** or ▶ to access the sub-menu. Turn the *Subtitle* mode *On* if you want to enable the subtitle function of *Off* to disable it.

With ▲▼ you can select *Subtitle Primary Language* to set the language that you want to be displayed. If this language is not available you can set another language by selecting *Subtitle Secondary Language*. The subtitles will be available only if provided by the broadcaster otherwise it will not display any content.

Turn the *Hearing Impaired* mode *On* if you want to enable this function.

Teletext

Teletext settings are only available under DTV, ATV, AV and SCART sources. Press ▲▼ to select *Teletext*, then press **OK** or ▶ to enter the sub-menu.

Under DTV source, press ◀▶ to select *Digital Teletext Language* and *Decoding Page Language*. Under ATV, AV and SCART source, press ◀▶ to select *Decoding Page Language*.

Blue Screen

Select to turn on or turn off this feature.

Mode Setting

Press ▲▼ to select *Mode Setting* and choose between *Home Mode* and *Store Mode* which makes the screen brighter while it consumes more energy.

First Time Setup

Press ▲/▼ to select *First time Setup*, then press **OK** to enter.

Use this menu to change all the settings of the TV and to make a new channel scan. To start the scanning select *Start* at the end of the list and press **OK**.

All your old settings will be replaced with the new settings.

Note

For more information about *Settings* in this menu please refer to chapter 3 **First Time Installation**.

Restore Factory Default

Press ▲/▼ to select *Reset*, then press **OK** to enter the sub-menu.

If you are sure to reset, press *Yes* to reset.

Note:

User data on this TV will be completely lost after operating this feature.

Software Upgrade (USB)

Connect a USB device with upgraded software to upgrade the TV system.

Software Version

Your current software version is displayed.

4.6.1 Time Settings

Press ▲▼ to select *Time Settings*, then press **OK** or ► to enter the sub-menu.

OSD Time

Press ▲▼ to select *OSD Time*, press ◀▶ to select the duration time for displaying the info bar on screen, available settings are: *Off, 10seconds, 20seconds, 30seconds, 60seconds*.

Sleep Timer

Set a timer for the TV to turn off automatically.

Press ▲▼ to select *Sleep Timer*, press ◀▶ to select. Available settings are: *Off, 5 min, 15 min, 30 min, 60 min, 90 min, 120 min, 240 min*.

Auto Sleep

Auto Sleep helps you reducing power consumption. When set to *3 Hours/4 Hours* and *6 Hours*, the receiver will switch to standby if it doesn't receive any commands during this time. Set *Auto Sleep Off* to deactivate the automatic standby function

Time Zone

Select your region to set the correct time.

Press ▲▼ to select *Time Zone*, then press **OK** or ► to enter the sub-menu.

Use ▲▼ to select your country and consequently your time region then confirm with **OK**.

Time

When *Auto Sync* is set to *On* the TV will display the time provided by the broadcaster. If you choose to set it to *Off* you will be free to set the time you prefer by changing *Date* and *Time*.

Date

Select *Date* with ▲▼ and press **OK** to highlight day, use ▲▼ to change it and use ◀▶ to select month and year, changing them in the same way. Once finished confirm with **OK**.

Time

Select *Time* with ▲▼ and press **OK** to highlight hour, use ▲▼ to change it and use ◀▶ to select minutes and seconds, changing them in the same way. Once finished confirm with **OK**.

NOTE: In case of loss of power, the clock setting will be lost.

HDMI CEC Control

Press **OK** to access the sub-menu: *ARC, CEC Menu Control and Device list*.

Note To function, *HDMI CEC Control* needs cables and devices which support this function.

4.6.2 EPG Menu

Press **EPG** to enter the EPG menu and display the *Programme Guide*. Press ▲▼ to scroll the programme list of the channel you are watching.

Press the **RED** button to display the previous date. Press the **GREEN** button to display the next date.

Press the **YELLOW** button to see the *EPG Schedule list* in which *Reminder* is saved. Press the **BLUE** button to set the time you want to remind of the programme you want to see.

Note The EPG service depends on the availability of the service provided by the broadcaster.

5.0 USB MENU

Note Before you select *MEDIA* in the *Input Source*, connect a USB storage device and then select it in the **SOURCE** menu.

Press ▲▼ to select *Media* in the *Source* menu, then press **OK** to enter.

Press ◀▶ to select the option you want to adjust in the main USB menu, then press **OK** to enter.

5.1 Photo

Press ◀▶ to select *Photo* in the main menu, then press **OK** to enter. Select the disk drive you want to use, then press **OK** to enter and select the return option to go back to the previous menu.

With ▲▼◀▶ you can select the picture you want to enlarge. Now the *Slide Show* will start. Press **OK** to pause, by pressing **OK** again the *Slide Show* continues. In the *Pause* mode it is also possible to rotate the

picture by pressing ▲▼. Press the **BLUE** button to open the *Quick Menu* and modify settings. Press **EXIT** to return to the previous menu.

5.2 Music

Press ◀▶ to select *Music* in the main menu, then press **OK** to enter. Press ▲▼ to select the disk drive you want to use and confirm with **OK** to enter. Select the folder that contains your music and press **OK** to enter. Press ▲▼ to select the return option to go back to the previous menu. Select the file that you want to listen to and press **OK** to play. When the file plays the file information will appear on the right side of the screen.

- || Press to play or pause.
- ⏮ Press to play the previous song.
- ⏭ Press to play the next song.
- ⏪ Press to play backward.
- ⏩ Press to play faster.
- Press to stop.

These commands are selectable on screen during playback or by pressing the buttons on your remote control.

Press **EXIT** to return to the previous menu.

5.3 Movie

Press ◀▶ to select *Movie* in the main menu, then press **OK** to enter. Press ▲▼ to select the disk drive you want to use and confirm with **OK** to enter. Select the folder that contains your videos and press **OK** to enter. Press ▲▼ to select the return option to go back to the previous menu.

When you select a file video with ▲▼ a preview will start on the right side of the screen. Press **OK** to watch the video in full screen.

- || Press to play or pause.
- ⏮ Press to view the previous movie.
- ⏭ Press to view the next movie.
- ⏪ Press to play backward.
- ⏩ Press to play faster.
- Press to stop and back to the previous folder.

These commands are selectable on screen during playback (press **OK** to display the menu) or by pressing the buttons on your remote control.

Press **EXIT** to return to the previous menu.


5.4 Text

Press ◀▶ to select *Text* in the main menu, then press **OK** to enter. Press ▲▼ to select the disk drive you want to watch, then press **OK** to enter. Press ▲▼ to select the return option to go back to the previous menu.

When highlighting the option you select, the file information will appear on the right.

6.0 TROUBLE SHOOTING

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 solution
No picture, no sound	<ol style="list-style-type: none"> 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. Power plug is bad contact with the outlet. 4. Check the signal source.
No colour	<ol style="list-style-type: none"> 1. Change the colour system. 2. Adjust the saturation. 3. Try another channel. Black-white program may be received.
Remote control does not work	<ol style="list-style-type: none"> 1. Change the batteries. 2. Batteries are not installed correctly. 3. Main power is not connected.
No picture, normal sound	<ol style="list-style-type: none"> 1. Adjust the brightness and contrast. 2. Broadcasting failure may happen.
Normal picture, no sound	<ol style="list-style-type: none"> 1. Press the volume up button to increase volume. 2. Volume is set to mute, press  to restore 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.
Blank screen in pc mode	Perhaps the TV cannot recognize the resolution set by the PC. Suggest changing to the best resolution or other standard resolutions of Windows system. Set refresh rate to be 60 Hz.
Snowy dots and interference	<p>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. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.</p> <ol style="list-style-type: none"> 1. Adjust the position and orientation of the indoor/outdoor antenna. 2. Check the connection of antenna. 3. Fine tune the channel. 4. Try another channel. Broadcasting failure may happen.
Ignition	Black spots or horizontal streaks appear, or the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliance.
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.

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.

7.0 SPECIFICATIONS

Audio

Audio Output: 6 W + 6 W

Video

Programme coverage: 48.25 MHz - 863.25 MHz, Full-Program Cable TV
System: TV: PAL/SECAM/BG/DK/I/L
AV: PAL/SECAM/NTSC playback*

* NTSC-M colour system does not apply to all models.

Connectors

1 x AIR/CABLE
1x CI+
3x HDMI
1x SCART
1x USB
1x S/PDIF (coax.)
1x YPbPr
1x VGA
1x AV
1x PC Audio
1x Headphones
1x Main power cable

General Data

Working voltage:	100 ~ 240 V AC 50/60 Hz
Power consumption:	max.65 W, typ. 29 W
Power consumption in standby:	0.5 W
Operating temperature:	+5 °C ~ +35 °C
Storage temperature:	-15 °C ~ +45 °C
Operating humidity:	20% ~ 80%, non-condensing
Storage humidity:	10% ~ 90%, non-condensing
Dimensions (WxHxD) in mm:	736 x 475 x 228
Net-weight:	4.6 kg

8.0 APPENDIX

USB file playback support.

Video

File Type/(Ext Name)	Video Type	Audio Type	Remark
MPEG-4(*.mp4)	MPEG-4 SP MPEG-4 ASP MPEG-4 XVID H.264(AVC) MP@LEVEL 4 H.264(AVC) HP@LEVEL 4	MEPG-1 Layer 2 MEPG-1 Layer 3 MEPG-2 Layer 3 AC3 AAC-LC HE-AAC V1 HE-AAC V2	MPEG1/MPEG2/MPEG4 Up to 1080p @ 30F H.264:Up to 1080p @25F AAC:AAC-LC(type 2) HE-AAC v1(type 5,SBR) HE-AAC v2(type 29,SBR+PS)
*.avi	MPEG-1 MPEG-2 MP MPEG-4 SP MPEG-4 ASP MPEG-4 XVID Divx H.264(AVC) MP@LEVEL 4 H.264(AVC) HP@LEVEL 4		
MPEG(*.mpeg,*.mpg,*.dat,*.vob)	MPEG-1 MP MPEG-2 MP		
TS(*.ts,*.trp,*.tp)	MPEG-1 MPEG-2 MP H.264(AVC) MP@LEVEL 4 H.264(AVC) HP@LEVEL 4		
*.flv	H.264(AVC) MP@LEVEL 4 H.264(AVC) HP@LEVEL 4		
MKV(*.mkv)	MPEG-1 MPEG-2 MP MPEG-4 SP MPEG-4 ASP MPEG-4 XVID H.264(AVC) MP@LEVEL 4 H.264(AVC) HP@LEVEL 4		
VC-1/WMV9(*.wmv,*.asf)	VC-1 MP VC-1 SP VC-1 AP	WMA Standard WMA Professional	
RMVB(*.rm,*.rmvb)	RV8 720P@30 RV9 720P@30 RV10 720P@30	Cook Codec	

Music

File Type/(Ext Name)	File Extension	Version support	Remark
*.mp3		MEPG-1 Layer 3	Bit rate:up to 320Kbps Sample Rate:32KHz,44.1Hz,48Hz
		MEPG-2 Layer 3	
AAC		AAC HE-AAC V1 HE-AAC V2	
*.wav		LPCM ADPCM	

Photo

File Type	File Extension	Version support	Remark
jpg/jpeg		Baseline Mode	72×72 Baseline resolution 7680*4320 Progressive Mode Size≤1280×1024 File Size≤10MB
		Progressive Mode	

Text

File Type	File Extension	Version support	Remark
*.txt		UTF-8 UNICODE ASCII	File Size≤1MB