SENCOR®

Let's live!

LED Television

SLE 3220TC

USER'S MANUAL

EN

CAREFULLY READ THIS USER'S MANUAL BEFORE PUTTING THE TELEVISION INTO OPERATION. KEEP IT FOR FUTURE USE. RECORD THE MODEL NUMBER AND THE SERIAL NUMBER OF THE TELEVISION. SEE THE LABEL ON THE REAR COVER AND PROVIDE THIS INFORMATION TO YOUR VENDOR IN THE EVENT THAT YOU REQUIRE REPAIRS.

Table of Contents

1. Important safety instructions

If you want to use this product correctly, carefully read this user's manual and store it for future reference. If you give (sell) the appliance to somebody, please also include all the documentation together with this appliance, including this user's manual.

The flash symbol in an equilateral triangle indicates that there is dangerous voltage inside this appliance, which presents a risk of injury by electrical shock.

To reduce the risk of injury by electrical shock do not remove the cover (or the rear side). There are no components inside which the user can repair. Have all repairs or adjustments performed at an authorised service centre.

The exclamation mark in an equilateral triangle symbol indicates important operating or servicing instructions in the appliance's documentation.

General safety instructions

– Carefully read this manual before using the appliance. Follow the instructions contained in this user's manual.
– Heed all warnings.
– Adhere to all instructions.
– Use only accessories determined by the manufacturer.
– **AN OPEN FLAME MUST NOT BE PLACED ON THE APPLIANCE, E.G. A BURNING CANDLE. DO NOT PLACE HOT ITEMS OR OBJECTS WITH AN OPEN FLAME E.G. CANDLES OR NIGHT LAMPS ON OR IN THE VICINITY OF THE APPLIANCE. HIGH TEMPERATURES MAY MELT PLASTIC PARTS AND CAUSE A FIRE.**
– Use the appliance in a temperate climate zone.
– Neither the manufacturer nor the vendor of the appliance under no condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
– Protect the appliance against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
– Before allowing children to use the appliance, they must be appropriately to their age, informed about the correct and safe use of the appliance.
– If the appliance is equipped with a headphone jack, do not use headphones set to an extreme volume. There is a danger of hearing damage or loss.

Installation, operation

– Install the appliance according to the instructions in the user's manual.
– Leave free space on all sides of the appliance, necessary for proper air circulation. This removes the heat created during operation. Covering the ventilation openings of the appliance's case creates a risk of overheating or damaging the appliance. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual.
– This appliance should not be located in a confined area such as a bookshelf or rack, if sufficient ventilation is not provided for or the instructions of the manufacturer are not followed.
– Never insert any items into any ventilation or other openings because they could come into contact with points with dangerous voltage levels or cause a short circuit of parts, which could cause a fire or injury by electrical shock. Never pour any liquid into the appliance.
– Do not install the appliance in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the appliance. Do not use or leave the appliance in the vicinity of an open fire.
– The appliance must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the appliance against rain, spray or contact with any other liquid; do not leave or install the appliance outdoors. Do not use the appliance outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
– Do not use this appliance near water.
– Treat the glass panel and appliance cover with care. The screen glass can break on impact and cause serious injuries.
– Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the appliance or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
– Never use an appliance with a damaged power cord or plug. If the power cord or plug are damaged, turn off the appliance, disconnect it from the power source and contact an authorised service centre. A damaged power cord or plug may only be replaced by qualified personnel. Under no circumstances attempt to replace the power cord or plug yourself.
– Do not attempt to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
– Before connecting the appliance into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the appliance or on its power adapter. If you are not certain about the type of the power sources in your home, contact your vendor or the local energy company.
– Before turning on the appliance, check that the electrical connection is performed properly and in accordance with the instructions of the manufacturer. Before connecting or changing the connection, turn off the appliance and disconnect it from the mains.
– Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the back side of the appliance.

– Insert the power plug into a independent power socket. Do not overload wall sockets with extension cords or multi-socket adapters. There is a risk of injury by electrical shock.
– When disconnecting, hold the power cord by the plug and not by the cord itself.
– Disconnect the appliance from the power socket during storms or if you will not be using it for a longer time.
– Avoid moving the appliance from a cold environment to a warm one or vice versa, or when using the appliance in a very humid environment. Air humidity may condense on some components inside the case of the appliance and the appliance may stop working temporarily. If this occurs leave the appliance in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the appliance can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.
– Do not place this appliance on an unstable cart, pedestal, stand, bracket or table. The appliance could fall and cause serious injuries to children or adults or could be seriously damaged or damage other items. Only use the appliance with a cart, pedestal, stand or table designated by the manufacturer or sold with the appliance. Any mounting of the appliance should be carried out according to the manufacturer's instructions and the mounting accessories recommended by the manufacturer should be used.
– Do not lean on the appliance, do not lean over it or use it as a step. Protect it against violent movements. Ensure that children do not play with the appliance.

If using the cart, be careful when moving it. Stopping suddenly, excessive force and uneven surfaces could cause the cart to fall over with the appliance.

– Neither the manufacturer nor the vendor of the appliance under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, setup, use, service or cleaning of this appliance as described in this user's manual.
– Protect the appliance against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
– Do not expose the appliance to extreme temperatures or humid conditions.

Note:
If the appliance is powered by an adapter, use only the adapter and AC power cord supplied with the appliance. Do not use faulty power sockets. Check that the power plug is properly inserted into the power socket. If the power plug is loose, arching could result in a fire. Contact a qualified electrician to have your socket replaced.

Note:
Only connect the appliance to a properly grounded socket with a protective grounding pin.

Note:
If you will be installing the appliance on a wall or to the ceiling, follow the manufacturer's instruction found in the user's manual of the particular appliance.

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Repairs and maintenance

- To prevent risk of injury through electrical shock or the creation of a fire, do not take the appliance out of the case - there are no parts inside the case repairable or adjustable by the user without relevant equipment and qualifications. Should the appliance require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the appliance, e.g. if there is a distinct smell of burning insulation or smoke comes out of the appliance, immediately turn off the appliance, disconnect the appliance from the power source and do not use the appliance until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the appliance has been damaged in any way, for example if the power cord is damaged, liquid was poured on the appliance, foreign objects have entered the appliance, the appliance has been exposed to rain or moisture, if the appliance is not working as usual or if it has fallen.
- In the event of repair or replacement of a part of the appliance, ensure that the service technician uses components designated by the manufacturer or that these components have the same specifications as the original ones. Unauthorised replacements could cause a fire, lead to a danger of injury by electrical shock or other dangers.
- Before cleaning, carrying or other maintenance, disconnect the plug (adapter) from the power socket.
- Clean the appliance only with a dry cloth.
- For cleaning do not use petrol, thinners or any other solvents or use any abrasive cleaning agents, steel wool or any sponges with steel wool.

Note:
Do not throw the appliance into ordinary household waste. For disposal follow all local laws and regulations.

Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the appliance in the vicinity of an open fire.
- Ensure that the sensor is not exposed to a strong light source (e.g. sunlight) or light from fluorescent light tubes, which could reduce the effectiveness and reliability of the remote control.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or to the batteries.

- Do not use this appliance near water.
- It is necessary pay attention to the environmental impact aspects of battery disposal.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
  - Do not insert the batteries in the wrong polarity orientation.
  - Do not charge, heat, open or short circuit the batteries.
  - Do not throw batteries into a fire.
  - Do not leave discharged batteries in the remote control.
  - Do not combine various types of batteries or new and old batteries.
  - If you will not be using the remote control for a longer period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
  - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
  - If electrolyte leaks out from the batteries, have the remote control cleaned by an authorised service centre.

⚠ **ATTENTION**
To prevent a fire hazard or injury by electrical shock, do not expose this appliance to rain or humidity.

⚠ **ATTENTION**
Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

▣ **This symbol indicates that the appliance has double insulation between the dangerous mains voltage and the parts accessible to the user. In the event of repairs use only identical spare parts.**

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SENCOR® **Supplement to the LCD TV user's manual**

Measures to take when a static image is displayed; red/blue/green/black pixels on the screen

A static image can permanently damage the display part of the television

– Do not leave a static image on an LCD screen for longer than 2 hours, because this could damage the screen. This type of damage is known as "screen burn-in".
– Similar damage to the LCD screen can be caused by a statically located TV channel logo.
– Watching television in 4:3, 16:9 formats or similar (formats not covering the entire area of the screen) for a long time may leave marks on the right or left side, or possibly in the middle of the picture as a result of the differences in light emission. Similar damage may also occur when watching a DVD or playing games.
– The display of a static image from video games or computers for an extended period of time may cause a partial effect of a "persistent image". To prevent this effect from occurring, lower the brightness and contrast when displaying a static picture.

Damage to the screen resulting from the above mentioned causes is not covered by the warranty!

Red/blue/green/black pixels may appear on the screen

• This is a characteristic feature of liquid crystal displays and does not represent a problem. LCD screens are manufactured using a very precise technology in order to achieve a very fine picture resolution. From time to time several inactive pixels may appear on the screen as a permanently red, blue, green or black pixel (up to 0.001% of the total number of pixels on the screen). This does not in any way affect the features and performance of your television.

Notes on the USB connector:

- USB memory devices must be inserted into the appliance directly. To prevent data transmission failure or its interference, do not use USB extension cables. Electrostatic discharges may cause the appliance to malfunction. In such an event, the user must restart the appliance.
- Before using a USB memory device, test its ability to communicate with the appliance and its data reading and writing speed.
- To achieve maximum reading speed, we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB memory device is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected memory device, or the presence of viruses or other damaging software may cause the functions of the appliance to stop working, necessitating a restart.
- The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.
- The appliance has been designed to achieve maximum compatibility with memory devices. With respect to the variety of devices on the market, it is not possible to guarantee compatibility with every USB device. In the event of difficulties, try formatting the memory device directly in the appliance. If problems persist, use a different memory device.

Due to the wide range of USB devices available on the market, it is not possible to guarantee the compatibility of the appliance with all USB devices.

Serial number of the appliance

The serial number of the appliance is unique and unequivocally identifies your appliance. Enter the serial number of your appliance together with other details necessary for the definite identification of your appliance below.

Serial number: _____

Date of purchase: _____

> **Note:**
> 1. The graphics in this user's manual are of an informative nature only.
> 2. The menu on the screen of your television may differ slightly from the images contained in this user's manual.
> 3. Information in this document may change without prior notice. The manufacturer takes no responsibility for damages caused directly or indirectly by mistakes, omissions or differences between the user's manual and the described product.

2. Assembling the base stand

Before attaching/removing the base stand, make sure that the television is turned off and disconnected from the power socket.

Before carrying out any work on the LED television, place a dampening material underneath it (e.g. soft blanket). This will prevent damaging it. Make sure that the base stand is correctly attached so that the television is stable.

Place the assembled television on to a firm and level surface.

Base stand installation instructions
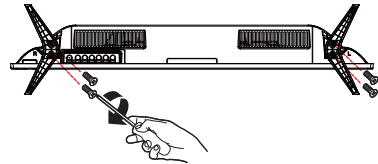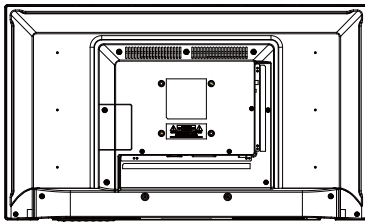
3. Description of the appliance

3.1. Control panel button functions

The buttons on the panel located at the bottom right, control the basic functions of the television, including menus on the screen. If you wish to use the more advanced functions, then the remote control must be used.
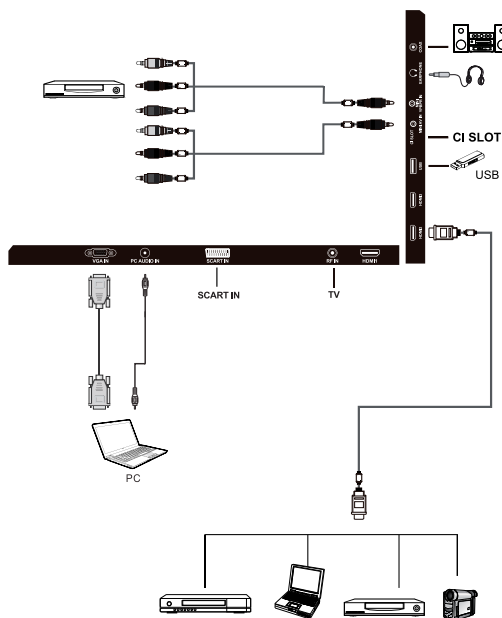
Note:
The pictures are for illustration purposes only.
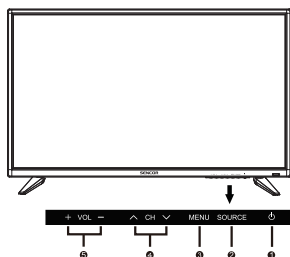
1. ⏻: Turn the television on/off.
2. **SOURCE:** select a source
3. **MENU:** enter a menu or exit it
   (to select items use the CH+/- buttons, to set a value use the VOL+/- buttons)
4. **CH-**
   CH+] CH+/-: select a channel
5. **VOL-**
   VOL+] VOL+/-: volume setting

3.2. Connecting the television's connectors

VGA/PC IN: video output connection from your computer

PC AUDIO IN: audio output connection from your computer

SCART: SCART input

RF IN: connection to an antenna or cable television system

HDMI: connect a device with a HDMI output to the HDMI1 connector
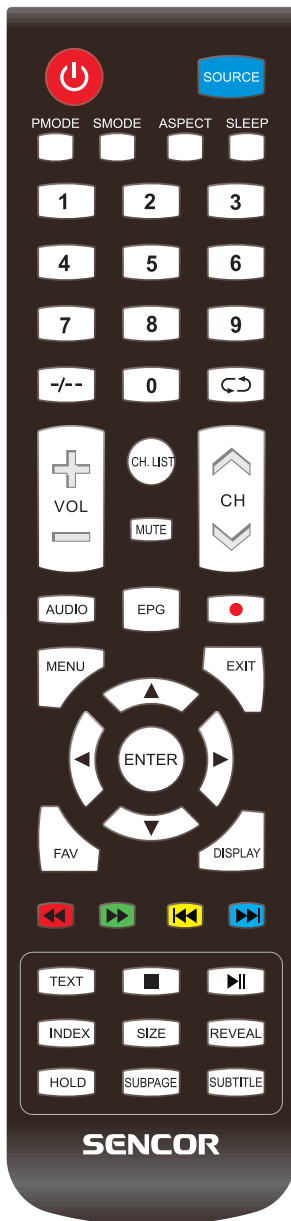
COAX: coaxial audio output

AV/YPbPr IN: composite input and component input

CI: CI slot

USB: USB memory device connection for playback of supported multimedia content

EARPHONE: headphone output

4. Remote control

POWER ⏻
Turns the television on/off to/from the stand-by mode.
SOURCE
Press to select the desired input.
PMODE
Repeatedly press to select a picture mode.
SMODE
Repeatedly press to select a sound mode.
ASPECT
Screen aspect ratio selection, e.g. 16:9, Zoom, Auto, 4:3
SLEEP
Set the automatic shut off time for the television.
Numerical buttons 0-9
Press buttons 0-9 to directly select a television channel while watching the television. In teletext mode select the page number, etc.
—/-
It is used to enter channel numbers with various digit counts, e.g. for
1 – 11 – 111.
RECALL ↺
Button for switching to one previously watched channel.
VOL+/-
Press to increase or decrease the volume.
MUTE
Press to mute the sound. To renew the sound press it again or press the VOL + button.
CH +/-
Press to switch between individual channels.
AUDIO
DVT/media mode: select background sound, if available.

ATV mode: select a sound mode: Stereo / Dual I/II / Mono.
Other sources: select the left / right channel
EPG
Press to show/hide the electronic program guide.
REC
Press to start recording (only in DTV mode).
MENU
In TV mode, it displays the main television menu.
EXIT
Function to exit a menu or screen.
▲/▼/◄/►/ENTER
Used for navigating in a menu on the screen and for setting up the television according to your preferences.
ENTER/CH.LIST
Used for entering the channel list menu or to exit it (Only in DTV/ATV).
FAV
In TV mode, go to the favourites menu or exit it.
DISPLAY
Button for displaying the source and information about channels.
◄◄: move quickly backwards
►►: move quickly forward
I◄◄
Skip to previous track.
►►I: skip to next track.
TEXT
Turn teletext on or off.
Note: the teletext function is optional and the availability of buttons depends on the model. Teletext information fully depends on the operator of the channel.
■: stop recording/playback.
►II: playback/pause or start recording with time shift in media mode.
INDEX: call up a teletext content page.
SIZE: press the SIZE button to change the size of the screen in the media mode.
REVEAL: press the REVEAL button to display or hide hidden teletext information (depends on the broadcast)
HOLD: hold the current picture
SUBPAGE: press the SUBPAGE button to go to a teletext subpage.
SUBTITLE
Button for showing / hiding subtitles in the bottom part of the screen, if they are available.

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Note:
When storing or when not using the appliance for a long time, take out the batteries.
If you wish to control the appliance with the remote control, point it at the appliance
and then press the button with the required function. The maximum range of
the remote control is about 5 meters with a deviation of up to +/- 30° from the
perpendicular direction to the reception sensor of the remote control on the front side
of the appliance. The falling battery capacity gradually reduces the range of the remote
control. During use, there must be no obstacles in the area between the remote control
and the appliance. During standard use, the battery in the remote control will last
approximately 1 year. If the effective range of the remote control declines significantly,
replace both the batteries inside the remote control. When not planning on using the
remote control for a longer period of time, take out both batteries - in this way you will
prevent potential damage caused by their leakage.
Prevent strong light from falling on the appliance, (e.g. sunlight or from strong
fluorescent lamps or ecological light bulbs), which could reduce the effectiveness and
reliability of the infra-red remote control.

5. Turning on for the first time

5.1. Language selection

Use the ◄/► buttons to select the language for menus and messages.

5.2. Country selection

Use ▼/▲ buttons to mark the country menu.
Use the ◄/► buttons to select the desired country.

5.3. Environment

Select between home use (Home/Off) or in-store presentation use (Shop/On).
Note: Use in presentation mode sets certain appliance parameters to the highest values for presentation in an environment with extreme illumination, with a resulting higher load and power consumption. Therefore, switching to the presentation mode is accompanied by the appliance requesting special confirmation of intent.
For standard use, we strongly recommend using the home mode.

5.4. Automatic scan

Select between Analogue (ATV) or digital (DTV) reception or leave both receptions ATV+DTV active. First, the analogue television channels (ATV) are scanned. If you wish to skip the ATV scan, press the Menu button and the left arrow button.
Subsequently, the digital television channels (DTV) are scanned. If you wish to skip the DTV scan, press the Menu button and the left arrow button.
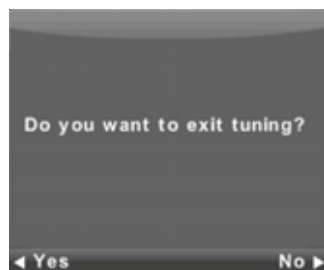
Note:
When the automatic scan finds no receivable channel (e.g. due to an inappropriate antenna) or the scan was cancelled manually, it is still possible to tune channels manually one by one in the menu described below. For this, you will need certain technical specifications about the channel that you plan on receiving, e.g. type of transmission, channel frequency, audio modes, transmission speed, etc.

A successfully completed automatic channel scan finishes by storing a list of available TV channels and radio stations, which you may use immediately. In the event of multiple occurrences of the same or similar channels (e.g. due to local variants of the same central channel or a distant interrupted reception or a local "clean" reception), check which channels you prefer more and edit the list if necessary.

Press the **SOURCE** button to show the input source list.
Use the ▼/▲ or **OK** buttons to select the desired input source.
Use the **OK** button to switch to the appropriate input source.
Use the **EXIT** button to exit the menu.
To watch television, connect an antenna cable with a working reception (antenna, shared antenna, cable line, etc..) to the television input marked "RF-In".

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6. Menu

6.1. Channel menu

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **CHANNEL in the main menu.**

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **CHANNEL** menu.
2. Press the **Enter** button and perform the edit.
3. After completing the edit, press the **Enter** button to store the changes and return to the previous menu.

6.1.1. Automatic scan
Use the ▼/▲ buttons to select item **Auto Tuning** (Auto scan) and press the **Enter**/►
buttons to enter it. The same action will take place as during the initial auto scan, and all
previously tuned channels will be deleted.
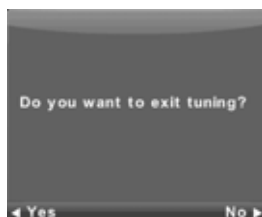
6.1.2. ATV manual tuning

Current CH (Current channel)
Channel number settings.
Color System
Select a colour system (available systems: AUTO, PAL, SECAM).
Sound System
Select the audio system.
Fine Tune
Fine-setting the channel frequency.
Search
Start channel scan.

6.1.3. DTV manual tuning

Use the ▼/▲ buttons to select item **DTV Manual Tuning** press the **Enter** button to enter the submenu.
Use the ◄/► buttons to select a channel and use the **Enter** button to perform the channel search.

6.1.4. Editing channels

Use the ▼/▲ buttons to select **Program Edit** and enter the submenu using the **Enter** button.

The three colour buttons ● ● ● are used for channel programming
First mark the channel that you wish to select using the ▼/▲ buttons. Then:
Use the **Red** button to remove the channel from the list.
Use the **Yellow** button to move a channel to the list of favourites.
Use the **Blue** button to skip the selected channel.
Use the **FAV** button to add or delete a channel from the list of favourites (the television will automatically skip these channels when you use the CH+/- buttons to change channels).

6.1.5. Schedule list
In digital broadcasting, it is possible to program certain time-related actions, which are called Events. These events that you plan (program) are stored in a List.
Use the ▼/▲ buttons to select the item **Schedule List** and use the **Enter** to enter the submenu. It is available with certain sources.
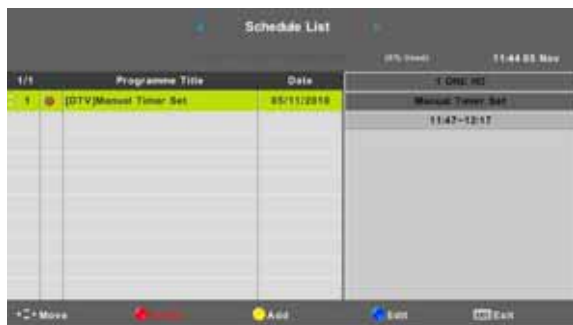
Use the **Yellow** button to enter the following interface.

If the set time is in conflict, a warning will appear.

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6.1.6. Signal information
Use the ▼/▲ buttons to select **Signal Information**. Use the **Enter** button to show detailed information about the signal, its strength and quality (degree of interference). Only available for the DTV signal. For a satisfactory reception, use programs/channels with the highest values, max. is 100.

6.2. Picture menu

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **PICTURE** in the main menu.

1.   Use the ▼/▲ buttons to select an item, which you wish to edit in the **PICTURE** menu.
2.   Press the **OK** button and perform the setting.
3.   After completing the settings, press the **MENU** button to store the changes and return to the previous menu.

6.2.1. Picture mode
Use the ▼/▲ buttons to select the item **Picture Mode** and use the **OK** button to enter the submenu.
If the picture is in **Personal** mode, you can adjust contrast, brightness, colour, sharpness and tint settings.

Tip:
To directly change the picture mode, you can use the **PMODE** button.

Contrast / Brightness / Colour / Tint / Sharpness
Use the ▼/▲ buttons to select an item and then use buttons ◄/► to edit it.

Contrast: Set the intensity of light picture locations. Dark picture locations remain unchanged.
Brightness: Overall picture brightness setting. Will affect dark picture areas.
Colour: Colour saturation settings based on your preferences.
Tint: Used for colour compensation, exclusively for NTSC.
Sharpness: Picture detail highlighting settings.

> **Note:**
> Items are only accessible for **User picture settings**.

6.2.2. Colour temperature:
Change of the overall colour rendering of the picture.
Use the ▼/▲ buttons to select item **Color Temperature** and then use the **OK** button to go to the submenu.
Use the ◄/► buttons to select from the available picture modes: Cold, Normal, Warm.

Cold   Highlights the blue tone of the white colour.
Normal   Retains neutral white colour.
Warm   Highlights the red tone of the white colour.

6.2.3. Noise reduction
Serves to filter out and suppress picture noise and improve picture quality.
Use the ▼/▲ buttons to select the item **Noise Reduction** and then use the **OK** button to go to the submenu.

Off: Picture noise detection is turned off.
Low: Detection and reduction of weak picture noise.
Middle: Detection and reduction of medium picture noise.
High: Detection and reduction of strong picture noise.
Default: Set as default.

6.2.4. HDMI mode
Select the currently connected source for HDMI input, either **Video** (e.g satellite receiver), or **PC** (computer), or **AUTO**. Thereby you will adapt picture processing and its size to the current source. When a source is not connected, HDMI is inactive.

6.3. Sound menu

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **SOUND** in the main menu.

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **SOUND** menu.
2. Press the Enter button and perform the setting.
3. After completing the settings, press the **Enter** button to store the changes and return to the previous menu.

6.3.1. Sound mode
Use the ▼/▲ buttons to select the item **Sound Mode** and use the **Enter** button to enter the submenu.
Use the ▼/▲ buttons to make a selection.

If sound is in the **User** mode, you can change the trebles and bass.

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Tip:
To directly change the sound mode, you can use the **SMODE** button on the remote control.

Standard: Provides balanced sound in all environments.
Music: Retains original sound. Suitable for music programs.
Movie: Highlights trebles and bass for an improved audio experience.
Sports: Highlights voice during sports programs.
Personal: Enables custom sound settings.

> **Note:**
> Bass and treble levels are only available in the **User** mode where they can be set as required.

6.3.2. Balance
Use the ▼/▲ buttons to select item **Balance**. Use the ◄/► buttons to edit.

6.3.3. Automatic volume levelling
Use the ▼/▲ buttons to select the item **Auto Volume Level**
and then use the ◄/► buttons to select the option **On** or **Off**.

6.3.4. Digital output
Use the ▼/▲ buttons to select the item **SPDIF Mode** (coaxial digital sound output SPDIF)
and then use buttons ◄/► to select the option **Off**, **PCM** or **Auto**. Intended for external processing of digital sound.

6.3.5. Switching audio description
Use the ▼/▲ buttons to select the item **AD Switch**
and then use the ◄/► buttons to select the option **On** or **Off**. Function for persons with visual impairments, where there is an audio track describing the current picture. Requires coded data stream support. When the function is turned on, an audio description commentary is added at the set volume level to the original audio; the broadcaster provides this function for certain programs.

> **Note:**
> **Balance**: this item enables the output from speakers to be setup and optimised from the listening location.
> **Auto Volume Level**: this item serves to automatically lower the differences between the volume of channels and programs.

6.4. Time menu

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **TIME** in the main menu.

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **TIME** menu.
2. Press the **Enter** button and perform the setting.
3. After completing the settings, press the **Enter** button to store the changes and return to the previous menu.

6.4.1. Time zone
Use the ▼/▲ buttons to select **Time Zone** and enter the submenu using the **Enter** button.
Use the ◄/► buttons to select the time zone.

Note:
A correctly set time (incl. switching to daylight savings time) is necessary for multiple digital broadcasting functions, e.g. EPG. During transmission time is very precise and the appliance uses it for synchronisation. For the user, it is only necessary to correctly set the time zone.

6.4.2. Sleep timer

Use the ▼/▲ buttons to select **Sleep Timer** and enter the submenu using the **Enter** button.
Use the ▼/▲ buttons to select (available options: Off, 15 min, 30 min, 45 min, 60 min, 90 min, 120 min, 180 min, 240 min).

6.4.3. Automatic stand-by mode

Use the ▼/▲ buttons to select the item **Auto Standby** and use the **Enter** button to enter the submenu.
Use the ▼/▲ buttons to make a selection.

Tip:
If during the set time, you do not use the remote control, the television will automatically switch to the stand-by mode. While you are using the remote control, the time will reset itself. The long time suffices for the absolute majority of uses. The shut-off function can also be completely deactivated by selecting OFF.

6.4.4. Screen menu timer

Use the ▼/▲ buttons to select **OSD Timer** and enter the submenu using the **Enter** button. Use the ▼/▲ button to select how long the settings option will remain displayed on the screen before automatically disappearing.

6.5. Lock menu, system lock

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **Lock** in the main menu. You must enter a valid password.

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **LOCK** menu.
2. Press the **Enter**/◄/► button and perform the setting.
3. After completing the settings, press the **MENU** button to store the changes and return to the previous menu.

The default factory password is 0000, and if you forget what you set, contact a service centre.

6.5.1. Lock system
Use the ▼/▲ buttons to select the item **Lock System**, press the **Enter** button
and select one of the following three options.

6.5.2. Set Password
Use the ▼/▲ buttons to select the item **Set Password** and then use the **Enter** button to go
to the submenu and set a new password.

6.5.3. Channel lock
Use the ▼/▲ buttons to select the item **Channel Lock** and then use the **Enter** button to go to the submenu and make the selection.
Use the **green button** to lock or unlock a channel. It will then be necessary to enter the password to view it.

6.5.4. Parental control
Use the ▼/▲ buttons to select item **Parental Guidance** and them use the **Enter** button to go to the submenu and select an age suitable for your children.
The broadcaster may provide information about the recommended or minimum age for viewing. If a program is broadcast with a hidden minimum age rating, the appliance will compare it to the one you set and if necessary request the password to be entered, to enable you to watch a program with a higher age rating.

6.5.5. Key lock
Use the ▼/▲ buttons to select the item **Key Lock**
and then use the ◄/► buttons to select the option **Off** or **On**.
If the key lock is active, the buttons on the control panel of the television cannot be used.

6.5.6. Hotel mode
The hotel mode serves to limit certain television functions to make it easy to operate in locations where, for example, the maximum volume or TV tuning needs to be restricted.

1. Use the ▼/▲ buttons on the remote control to select hotel mode in the **Lock** menu.
2. Press the **Enter** button on the remote control to go to the submenu.
3. After completing the settings, press the **MENU** button to store the changes and return to the previous menu.

6.6. Hotel mode

Use the ▼/▲ buttons to select the item **Hotel Mode**
and then use the ◄/► buttons to select the option **On** or **Off**.

6.6.1. Source lock
Use the ▼/▲ buttons to select the item **Source Lock** and then use the **Enter** button to go to the submenu and make the selection.

6.6.2. Default source
Use the ▼/▲ buttons to select the item **Default Source** and then use the **Enter** button to go to the submenu and make the selection.

6.6.3. Default channel
Use the ▼/▲ buttons to select the item **Default Prog** and then use the ◄/► buttons to make the selection.

6.6.4. Maximum volume
Use the ▼/▲ buttons to select the item **Max Volume** and then use the ◄/► buttons to go to the submenu and make the selection.

6.6.5. Clear lock
Use the ▼/▲ buttons to select the item **Clear Lock** and then use the **Enter** button to delete previously made settings.

6.7. Setup menu

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **SETUP** in the main menu.

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **SETUP** menu.
2. Press the **Enter**/◄/► button and perform the setting.
3. After completing the settings, press the **Enter** button to store the changes and return to the previous menu.

6.7.1. Screen menu language
Select the screen menu language. English is the menu language set by default.
Use the ◄/► buttons to select a menu language.

6.7.2. TT language

Use the ▼/▲ buttons to select the item **TT Language** and use the **Enter** button to enter the submenu.
Use the ▼/▲/◄/► buttons to select a teletext language if the national alphabet is not displayed correctly.

6.7.3. Audio languages

Use the ▼/▲ buttons to select the item **Audio Languages** and use the **Enter** button to enter the submenu. Serves to automatically select a certain language if available in the broadcast. Two languages can be selected in order, primary and secondary. If your chosen language is not available, the language determined by the broadcaster will be selected.
Use the ◄/► buttons to select the primary/secondary audio languages.
Use the ▼/▲/◄/► buttons to select the audio languages.

6.7.4. Subtitle Language

Use the ▼/▲ buttons to select the item **Subtitle Language** and use the **Enter** button to enter the submenu. Serves to automatically select a certain language if available in the broadcast. Two languages can be selected in order, primary and secondary. If your chosen language is not available, the language determined by the broadcaster will be selected. Use the ◄/► buttons to select the primary/secondary subtitle languages. Use the ▼/▲/◄/► buttons to select a subtitle language.

6.7.5. Hearing impaired, Poor listening experience

Use the ▼/▲ buttons to select the item **Hearing Impaired** and then use the **Enter** button to select the option **On** or **Off**. Depends on the programs being broadcast.

6.7.6. PVR file system

This option is used to set the recording of digital broadcasts (PVR) to your USB memory device. Due to the size of data received through digital broadcasting, settings are more detailed. Use the ▼/▲ buttons to select the item **PVR File System** and use the **Enter** button to enter the submenu.
Use the ▼/▲ buttons to select the item **Check PVR File System** and use the **Enter** button to enter the settings. The speed of the USB device will be checked. The result determines the best broadcast quality that your USB device is able to accept. If results are unsatisfactory, format the USB device in the television, whereby it will attempt to better adapt the USB device for digital broadcast recording. For file size and recording limit, select lower values. Higher values quickly increase the demands on your memory device, such as size, and in particular speed.

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⚠️ **ATTENTION**
Formatting will irreversibly delete all the contents on the memory device!

Note:
First test every USB device for speed and recording reliability. When the results are unsatisfactory, replace it with a different, namely faster device. The speed of the USB memory device is a fundamental parameter for reliable recording and time shift.

6.7.7. Aspect ratio
Use the ▼/▲ buttons to select the item **Aspect Ratio** and use the **Enter** button to enter the submenu.
Use the ▼/▲ buttons to select the aspect ratio (available options: Auto, 4:3, 16:9, Zoom1, Zoom2).

6.7.8. Blue screen
Use the ▼/▲ buttons to select the item **Blue Screen**
and then use the **Enter** button to select the option **On** or **Off**. The function is useful when there is no useful picture signal available.

6.7.9. Initial installation
Use the ▼/▲ buttons to select the item **First Time Installation** and use the **Enter** button to enter the submenu. This will delete previous settings and tuning, and you will go through the entire appliance setup process from the very beginning.

6.7.10. Reset, Renew default factory settings.
Use the ▼/▲ buttons to select the item **Reset** and use the **Enter** button to enter the submenu. The function restores all television settings to factory set values, excluding the deletion of the tuned channel list.

6.7.11. Software update (USB)
Use the buttons ▼/▲ to select the item **Software Update (USB)**, connect the USB device into the USB slot and then press the **Enter** button, to update the software.

> ⚠ **ATTENTION**
> **Update the television's software only if you have the original software from the manufacturer for the given type, including description of changes. A potential attempt to update using non-original software, even in the case of only minor differences, may result in irreversible damage to the television, which is not covered by the warranty.**

6.7.12. Environment
Select between home use (Home/Off) or in-store presentation use (Shop/On).
Note: Use in presentation mode sets certain appliance parameters to the highest values for presentation in an environment with extreme illumination, with a resulting higher load and power consumption. Therefore, switching to the presentation mode is accompanied by the appliance requesting special confirmation of intent.
For standard use, we strongly recommend using the home mode.

6.8. Screen menu (only in computer mode)

Press the **MENU** button to show the main menu.
Use the ◄/► buttons to select the item **SCREEN** in the main menu.

1. Use the ▼/▲ buttons to select an item, which you wish to edit in the **SCREEN** menu.
2. Press the **Enter** button and perform the setting.
3. After completing the settings, press the **Enter** button to store the changes and return to the previous menu.

6.8.1. Automatic adjustment
Use the **Enter** button to start automatic adjustment of the vertical/horizontal position, size and phase.

6.8.2. Horizontal offset
Set the horizontal position of the picture.
Use the ▼/▲ buttons to select the item **H-Offset** and use the **Enter** button to enter the submenu.

6.8.3. Vertical offset
Set the vertical position of the picture.
Use the ▼/▲ buttons to select the item **V-Offset** and use the **Enter** button to enter the submenu.

6.8.4. Size
Set the picture size.
Use the ▼/▲ buttons to select the item **Size** and use the **Enter** button to enter the submenu.

6.8.5. Phase
Annoying horizontal line settings.
Use the ▼/▲ buttons to select the item **Phase** and use the **Enter** button to enter the submenu.

6.8.6. Position Reset
Use the ▼/▲ buttons to select the item **Position Reset** and use the **Enter** button to enter the submenu.

> **Note:**
> 1. The item **Noise Reduction** in the **PICTURE** menu is invalid.
> 2. The item **AD Switch** in the **SOUND** menu is invalid.
> 3. The **TIME** menu and the description are the same as in the antenna mode.
> 4. The items **Block Program** and **Parental Guidance** in the **LOCK** menu are invalid.
> 5. The items **Audio Languages**, **Subtitle Language**, **Hearing Impaired** and **PVR File System** in the **SETUP** menu are invalid.
> 6. The computer mode does not have a **CHANNEL** menu.

7. USB

Note:
Before using the **Media** menu, connect a USB device, then press the INPUT button and set the input source at **Media**. The television will quickly recognise the connection of the majority of USB devices and suggest their playback. If you do not react, the suggestion will disappear and the initial mode will continue.
Use the ▼/▲ buttons to select **Media** and enter the settings using the **Enter** button.

Use the ◄/► buttons to select in the main **Media** menu the item that you wish to set, and use the **Enter** button to enter the settings.

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7.1. Photo menu

Use the ◄/► buttons to select the item **PHOTO** in the main menu and then enter the interface using the **Enter** button.
Use the **Exit** button to return to the previous menu and exit the menu.

Use the ◄/► buttons to select a file in the file selection menu, that you wish to view, and press the **ENTER** button to view the image. If you wish to view just this picture, press the **Pause** button, otherwise a slideshow of all the other images in the given directory will start, starting with the image that you selected. Hide the information strip with the slideshow control using the **down** arrow. Resume a paused slideshow by pressing **Play/Pause**. Stop the slideshow by pressing the **EXIT** button, you will return to the directory list.
If you stop on a certain image in the directory list, after a moment, file information will appear on the right and a preview of the picture will appear in the middle.
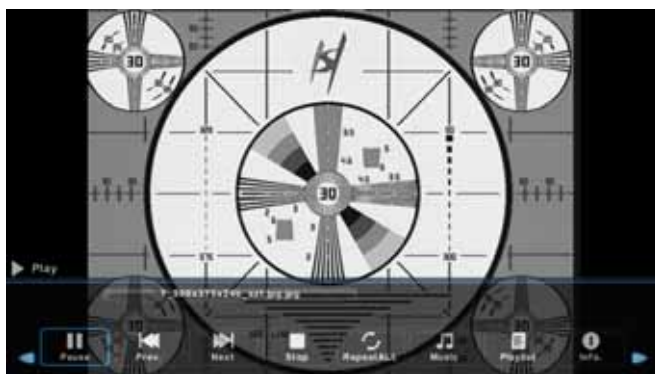
7.2. Music menu

Use the ◄/► buttons to select the item **MUSIC** in the main menu and then enter the interface using the **Enter** button.
Use the **Exit** button to return to the previous menu and exit the menu.

Use the ◄/► buttons to select a disc unit that you wish to playback, and use the **Enter** button to enter the interface. The information strip with the playback controls is hidden using the **down** arrow, and renewed by pressing **ENTER**. Stop playback by pressing the **EXIT** button, you will return to the directory list. If you stop on a certain audio file in the directory list, after a moment, file information will appear on the right and a preview of playback will start in the middle.

Use the ◄/► to select the item to return to the previous menu.

7.3. Movie menu

Use the ◄/► buttons to select the item **MOVIE** in the main menu and then enter the interface using the **Enter** button.
Use the **Exit** button to return to the previous menu and exit the menu.

Use the ◄/► buttons to select a disc unit that you wish to playback, and use the **Enter** button to enter the interface. Press the media button to play the selected film, if it is acceptable for playback, namely its codec.
Use the Display button to select the bottom information strip which you wish to start, and use the **Enter** button to enter it. If together with the film there is also a file with external subtitles with the same file name as the film present in the same directory, the appliance will display them (button **SUBTITLE**). Select from among the national alphabets by selecting **CharSet** in the information strip. If you stop on a certain video file in the directory list, after a moment, file information will appear on the right and a preview of playback will start in the middle. Use the **Exit** button to return to the previous menu and press again to exit the entire menu.

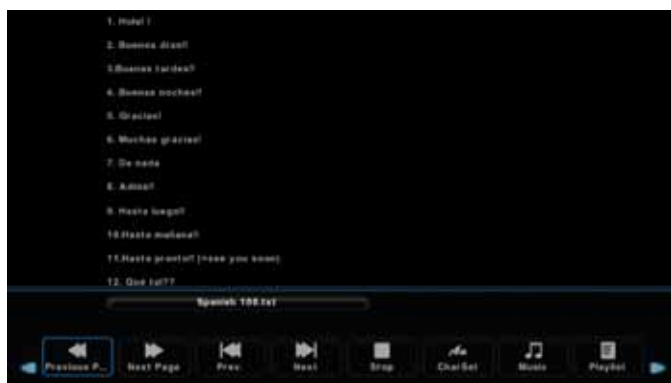## 7.4. Text menu

Use the ◄/► buttons to select the item **TEXT** in the main menu and then enter the interface using the **Enter** button.
Use the **Exit** button to return to the previous menu and exit the menu.

Use the ◄/► buttons to select a disc unit that you wish to view, and use the **Enter** button to enter the interface.
Use the ◄/► to select the item to return to the previous menu.

8. Troubleshooting

⚠️ **ATTENTION**
Under no circumstances should you attempt to repair the appliance yourself as it contains no parts that users can repair themselves. Always take the appliance to an authorised service centre if repairs, adjustment or other regular services are necessary. Unauthorised tampering with the appliance is considered to constitute a breach and shall void the warranty policy. Neither the importer, supplier, distributor or vendor bear any responsibility for any losses caused by a breach of the provisions specified in this user's manual. Do not open the appliance as there is a risk of injury by electrical shock. If the appliance malfunctions, first check the following list of problems and their solutions. If you are not able to remedy the fault with the help of the following tips, contact your vendor.

Symptoms	Possible solutions
No power supply to the television.	Check that the power cord is plugged in and that the power socket works. Disconnect the power cord, reconnect it after 60 seconds and turn the television on again.
No picture	Check the antenna connection. Broadcasting problems may have occurred at the channel, tune into a different station. Adjust the contrast and brightness settings.
Good picture but no sound	Increase the volume. Check whether the sound has been turned off (Mute function). Press the MUTE button on the remote control. Check the volume settings. If using an external device, check whether its volume setting is silenced or turned off. If you are using an A/V or component input, check that the cables are properly connected and are not loose. If you are using a cable with a DVI to HDMI reduction, it is necessary to use a separate cable. Check that there is nothing connected to the headphone jack.
Good sound, but unusual picture colour or no picture	Check the antenna connection and condition. If you are using a component input, check the connection. An incorrect or loose connection may cause problems with colour or empty screens.

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Symptoms	Possible solutions
Television is not responding to the remote control.	The batteries in the remote control may be flat. If necessary, replace them with new ones. Clean the lens of the remote control. The distance between the LED television and the remote control should be no greater than 8 m, at the recommended operating angle and without obstacle in path of the beam. Prevent strong light (daylight, sunlight, or fluorescent tube and bulb light) from falling on the television and remote control sensor.
Display is flashing on the entire screen in VGA mode.	The V-HEIGHT value may be set too high. Restart the computer and go to emergency mode. Then set the monitor parameters to the correct value according to the setup instructions.
Horizontal strips in VGA mode	The sampling phase may be deviating. Adjust the phase according to the position of the picture.
There are coloured dots on the screen.	Despite the LED screen being produced using highly accurate technology and 99.99% or more pixels function correctly, it is possible that LEDs that are permanently off or lit (red, blue or green) may be on the screen. This is a design characteristic of LED screens and does not constitute a malfunction.
The picture disintegrates.	Keep the television away from disruptive electricity sources such as motor vehicles, fans, welding units and all other optional accessories. Picture disintegration may be caused by atmospheric events such as local or distant storms. When installing optional equipment, leave a space between the optional equipment and the television. Check the antenna and connection. Keep the antenna away from power cords or input/output cables.
Only certain channels are available after the automatic scan.	Check that your area is covered by a digital broadcast signal. Try retuning or manually tuning the missing channels. Check that you are using the correct type of antenna – see pg. 16 "Antenna connection".
Channel cannot be selected.	Check whether the channel is blocked in the main menu settings.
It is not possible to playback from a USB device.	Check the connecting USB cable and the power connection. Hard disk was not formatted. Make sure that the USB memory device is compatible and contains supported multimedia data formats.

Symptoms	Possible solutions
Picture is distorted, contains macroblocks, microblocks, dots, large pixels, etc.	Video compression may cause interference, particularly during fast movement, e.g. in sports programs and action films.
Speaker noise	Check the cable connections, make sure that the video cable is not connected to the video input. Sound distortion may be caused by a low signal level.
The television turns itself off automatically.	Check whether the automatic sleep timer or economy mode timer is turned on.
The television turns itself on automatically.	Check whether the turn on timer is activated in the Setup menu.
Picture is not displayed on the entire screen.	First check that the problem is not caused by the input signal. Then try adjusting the Zoom item in the Function menu.

Picture defects and their causes

"Snow" in the picture
A snowy picture is usually caused by a weak signal. Change the antenna settings or install an antenna amplifier.

Double picture or ghosts.
A double picture is usually caused by reflections from tall buildings. Adjust the pointing direction of the antenna or locate it higher.

Interference by radio waves
Waves appear on the screen, which is usually caused by nearby radio transmitters or short wave receivers.

Interference by high-temperature electrothermic equipment
Diagonal or arrow patterns appear on the screen or parts of the picture are missing. This is probably caused by high-temperature electrothermic equipment in a nearby hospital.

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9. Technical specifications

Model	SLE 3220TC
Diagonal	32"
Power consumption	65 W
Power consumption while in stand-by mode	<0.5 W
Nominal voltage	110-240 V ~
Remote control	Yes
VESA wall mount	100 x 100
Dimensions with the stand (W x H x D)	728 x 179 x 478 mm
Dimensions without the stand (W x H x D)	728 x 83 x 431 mm
Net weight with the stand	3.4 kg
Net weight without the stand	3 kg
Connection	
RF IN	1
AV input	1
SCART	1
Component YPbPr	1
VGA (D-Sub 15 pin)	1
HDMI	3
SPDIF coaxial	1
USB	1
Supported USB formats	MKV, AVI, MP4, MOV, XviD, MP3, JPEG, JPG, TXT
CI slot	Yes
Other functions	
WXGA resolution	1366 x 768
Brightness (cd/m2)	200
Aspect ratio	16:09
Response time (ms)	8
Number of colours	16.7 M
Adjustable colour temperature	Cool, standard, warm
Viewing angle	178°/178°

Video system	DVB-T2 HEVC/H.265 (1080P 60fps), DVB-T, DVB-C, PAL/SECAM BG/DK/I/L/L'
Audio system	BG/DK/I, L/L /MPEG-1 layer 1/2, DD, DD+, AAC, HE-AAC
Stereo sound	NICAM/A2
Audio output	Headphone output jack
PVR recording on USB	Yes
Sound correction	No
Progressive scan	Yes
Time shift function (Timeshift)	No
EPG	Yes
Teletext	Yes
Teletext pages	1000
Comb filter	3D
OSD menu	Yes
Zoom	Yes
Noise reduction	Yes
Shut off / start up / sleep timer	Yes
Subtitles	Yes
Audio language	Yes
Channel list	Yes
List of favourites	Yes
Freeze picture	No
Radio	Yes
Lock	Yes
Parental Guidance	Yes
Hotel mode	Yes

Note:
Technical specifications may change without prior notice.
The original version is in the Czech language.

The original version is in the Czech language.
Address of the manufacturer: FAST ČR, a.s., Černokostelecká 1621, Říčany CZ-251 01

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Information Sheet

Importer: FAST ČR, a.s., Černokostelecká 1621, 251 01 Říčany

Brand	Sencor
Model	SLE 3220TC
Energy efficiency class	A
Screen diagonal in centimetres / inches [cm/inch]	80/32"
Power consumption in turned on state [W]	32
Annual power consumption* [kWh]	47
Power consumption in stand-by mode [W]	≤0.5W
Screen resolution [pixels]	1366 x 768

* The annual power consumption of 47 kWh is based on the power consumption of the television receiver running 4 hours per day for 365 days. Actual electricity consumption depends on the use and location of the television receiver.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union
If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union
If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:
- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers
Visit www.sencor.eu for detailed information about authorized service centers.

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Designed in Europe by Sencor®, Made in China