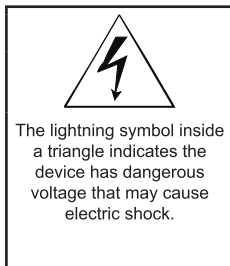# SENCOR®

Let's live!

LED TV
SLE 22F60TCS

PLEASE, READ THESE INSTRUCTIONS BEFORE STARTING TO OPERATE THE TELEVISION. STORE IT FOR LATER REFERENCE. NOTE DOWN THE MODEL NUMBER AND THE SERIAL NUMBER OF THE TV SET. LOOK AT THE LABEL ON THE BACK COVER AND PASS THE INFORMATION PROVIDED THERE TO YOUR DEALER IN CASE THAT YOU WOULD NEED SERVICING.
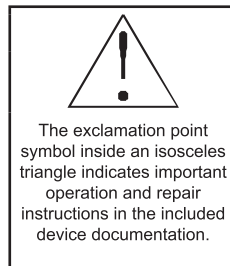
Contents

1. Important safety instructions

To be able to use this product properly, read this user's manual carefully and keep it for future reference. If you plan to give (sell) this device to a third person, include all documentation, including this manual, with the transaction.

	ATTENTION	
The lightning symbol inside a triangle indicates the device has dangerous voltage that may cause electric shock.	**RISK OF ELECTRIC SHOCK – DO NOT OPEN!** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK SIDE). THERE ARE NO PARTS INSIDE WHICH COULD BE REPAIRED BY THE USER. FOR REPAIRS AND SERVICE, CONTACT AN AUTHORIZED SERVICE CENTRE.	The exclamation point symbol inside an isosceles triangle indicates important operation and repair instructions in the included device documentation.

General safety instructions
- Please read this manual carefully before using the device. Follow this manual and the instructions inside.
- Heed all warnings.
- Follow all instructions.
- Use only the attachments and accessories specified by the manufacturer.
- **OPEN FLAMES, FOR EXAMPLE A BURNING CANDLE, SHALL NOT BE PLACED ON THE DEVICE. DO NOT PLACE HOT OBJECTS OR OBJECTS WITH AN OPEN FIRE ON THE DEVICE, FOR EXAMPLE CANDLES OR NIGHT LAMPS. HIGH TEMPERATURES MAY MELT PLASTIC COMPONENTS AND CAUSE FIRE.**
- Use the device in temperate climate.
- The manufacturer and vendor of the device are in not in any way liable for any direct or indirect damages caused by not following the instructions for installation, setup, operation, maintenance and cleaning of the device mentioned in this manual.
- Protect the device against impacts, falls, blows, shocks, vibration, moisture and dust.
- Prior to granting children consent to use the device, they shall become familiar with the proper and safe use of the player, corresponding to their age. If the device has a headphone jack, do not use headphones set to maximum volume. Risk of hearing damage or loss.

Installation, control
- Install the device according to the instructions in the manual.
- Leave free space around the device, it is necessary for proper air circulation. It helps to dissipate the heat generated by the operation of the device. By covering the air vents of the cabinet, you risk overheating and damage of the device. You must ensure that the air circulation will not be prevented by covering the air vents with e.g. newspaper, tablecloth, curtain, etc. Follow the installation instructions in the manual.

- This device shall not be kept in a closed area, such as a library or shelf, provided sufficient ventilation cannot be provided or the manufacturer's instructions cannot be followed.
- Do not place any objects into the air vents or any other holes. Risk of touching components with dangerous voltage or shorting parts that could cause fire or electric shock. Do not pour any liquids into the device. Do not install the device in direct sunlight, or close to heat sources, like radiators, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures shorten the life of the electronic components of the device significantly. Do not use and do not leave the device near an open fire.
- The device must not be exposed to dripping or running water and you must not place upon it objects filled with liquid, e.g. vases. Protect the device against becoming wet, sprayed on or poured on by any liquid, do not leave or install the device outdoors. Do not use the device outdoors. You risk electric shock or fire by not adhering to these instructions.
- Do not use the device close to water.
- Handle the glass panels and cover of the device with care. The glass screen can break on impact and cause serious injury.
- Make sure the power cord is not stepped on or compressed, especially near the plug and point leading from the device or adapter. The power plug (adapter) is used to disconnect the system and must be easy to access.
- Do not use a device with a damaged power cord or plug. If the power cord or plug is damaged, turn off the device, disconnect it from the power supply and contact your authorized repair shop. Only a professional can replace a damaged power cord or plug. Under no circumstances should you attempt to replace the power cord or plug yourself.
- Do not attempt to bypass the safety function of the polarized plug. If the plug cannot be plugged into your socket, refer to an electrician to replace your obsolete socket. Before plugging the device into the socket make sure the voltage in your socket corresponds with the voltage on the label of the device or power adapter. If you are not sure of the type of power source you have in your home, refer to your vendor or local power company.
- Before switching, make sure that all network connections are made properly and in accordance with the manufacturer's instructions. Switch the device off and unplug it from the socket before plugging in or changing the connection of the device.
- Remember to always unplug the plug (adapter) from the socket before unplugging the power cord.
- Plug the power cord into an independent socket. Do not overload wall sockets using extension cords or unified sockets. Risk of electric shock.
- Hold the power cord by the plug and not by the cable when pulling out from the socket.

- Disconnect the power cord from the power outlet during thunderstorms, or when not in use for a longer period of time. Avoid carrying the device from a cool environment into a warm environment or vice versa, or operating the device in a moist environment. Air moisture may condense in some areas within the device case and may cause the device to become temporarily inoperable.
- In this case, leave the device in a warm and well-ventilated area and leave for 1–2 hours until the moisture evaporates. The device can be normally used again. Be especially cautious when using the device for the first time during a cool season immediately after purchasing. Do not place the device on an unstable cart, stand, console or table. The device can fall and cause serious injury to children or adults or seriously damage the device and other objects. Only carts, stands or tables defined by the manufacturer or sold with the device shall be used. Any assembly work with the device shall be carried out according to the manufacturer's instructions and shall use assembly accessories recommended by the manufacturer.
- Do not lean against the device, do not lean over or use the device as a step. Avoid quick movements. Make sure children do not play with the machine.
- Be careful when moving the device when placed on a cart. Suddenly stopping, using excessive force and uneven surfaces may cause the cart holding the device to tip over.
- Under no circumstances are the manufacturer or vendor liable for any direct or indirect damage caused by the failure to observe the instructions for installation, configuration, operation, treatment and cleaning of this device included within this manual.
- Protect the device against impacts, falls, blows, shocks, vibration, moisture and dust. Do not expose the device to extreme temperatures or humidity.

Note:
If the device is powered by an adapter, only use the AC adapter and power cord included with the device. Do not use defective sockets. Make sure the cord is properly plugged into the socket. If the cord is loose, an electric arc can cause fire. Refer to a qualified electrician to replace sockets.

Note:
Plug the device into a properly grounded sockets with protective grounding pin only.

Note:
If you plan to mount the device to a wall or ceiling, follow the instructions of the manufacturer and the user's manual for the given system.

Repairs and maintenance
- To avoid risks of electric shock or fire, do not remove the device from the case – the case does not contain components that the user could repair or adjust without the necessary equipment and qualification. Refer to a professional service centre if your device requires service.
- In the event of any unusual occurrences during the use of the device, e.g. smelling the characteristic smell of burning insulation or even seeing a smoke, turn the device off immediately, disconnect the power supply and wait with continuing use of the device until you learn the result of its inspection by the service personnel.
- Leave all service to qualified service personnel. Service is necessary when the device is damaged in any way, for example in case of damage to the power cord, spilling liquid on the device, intrusion of foreign objects into the device, when the device is exposed to rain or moisture, if the device does not function in the usual manner or if it fell.
- When repairing or replacing a component of the device, make sure the repair technician used spare parts defined by the manufacturer to ensure the replaced components have the same features as the original. Unauthorized replacements can cause fire, electric shock or other risks.
- Prior to cleaning, moving or other maintenance work, unplug the cord (adapter) from the socket.
- Clean the device with a dry cloth only. Do not use gasoline, thinner or other solvents or abrasives, scouring pads, or sponges with scouring pads to clean the device.

> **Note:**
> **Do not throw the device into your common household waste. Respect laws and regulations when disposing of the machine.**

Remote controller and battery
- Do not expose the remote controller or battery to direct sunlight, or close to heat sources, like radiators, heat exchangers, stoves or other appliances (including amplifiers) producing heat. Do not use and do not leave the device near an open fire. Make sure the sensor is not exposed to intense light (e.g. sunlight) or fluorescent tube light, which could lower the efficiency and reliability of the remote controller.
- The remote controller or battery must not be exposed to dripping or running water and objects filled with liquid, e.g. vases, shall not be placed on the device. Protect the remote controller against becoming wet, sprayed or poured on by any liquid. Do not use outdoors. Failure to respect these instructions can lead to the remote controller or battery becoming damaged.
- Do not use the device close to water.
- The impact the battery disposal has on the environment shall be monitored carefully.
- Using the batteries incorrectly can result in leakage and corrosion. Follow the following instructions to ensure proper remote control operation:
  - Do not insert the batteries in the wrong direction.
  - Do not charge, heat, open or short the batteries.

- Do not throw batteries into a fire.
- Do not leave dead batteries in the remote controller.
- Do not combine various types of batteries or old and new batteries.
- If you do not use the remote controller for a longer period of time, remove the batteries to prevent damaging the remote controller by the batteries leaking out.
- If the remote controller does not work correctly or its range decreases, replace all batteries with new ones.
- If there is an electrolyte leakage from the batteries, have the remote control serviced by an authorized technician.

⚠ **NOTICE:**
To prevent risk of fire or electric shock, do not expose the device to rain or moisture.

⚠ **NOTICE:**
The batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

▣ **This symbol indicates the device has double insulation between dangerous voltage from the network and user-accessible parts. Replace parts with identical spare parts only.**

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- Do not leave a static image on the LCD panel for more than 2 hours. This may result in a damaged panel.
- This is typical for liquid crystal displays and does not indicate any problems. LCD screens are made using precision technology to provide even the finest image details. Several defective pixels can appear on the screen from time to time, indicated as red, blue, green or black dots (up to 0.001% of the total pixel count of the screen). This does not affect the characteristics and the effectiveness of your TV set.

Notes on the USB connector:

- USB memory devices require being connected directly into the device. To prevent a failing or interrupting data transfer, do not use USB extension cable. Electrostatic discharge can cause the device to not function. In this case, the user must restart the device.
- Before using a USB memory device, test that it communicates with the device and its read and write speed.
- For maximum reading speed, we recommend to keep the disc space defragmented. Use file system FAT32, single partition, no protection.
- If the reading/writing of the memory device is not smooth, it can lead to undesirable effects, such as interruption of the image (blocky image) or failure of whole frames, audio malfunctions, and in extreme cases, stopping of the operation. Unexpected behaviour of the connected storage device, or the presence of viruses and other malicious software can cause the device to stop the functioning with the need to restart it.
- The USB connector is a standard type and cannot power a USB device with a high power consumption (e.g. hard drives). Use a device with its own power and power them with their own power supply.
- The device was designed with respect to maximum compatibility with memory devices. Considering the variety of devices on the market, we cannot guarantee compatibility with every USB device available. Should you run into any issues, try formatting the memory device directly in the device. Should problems persist, use another memory device.

Due to wide range of the USB devices on the market, it is not possible to ensure compatibility of the device with all types of USB devices.

Serial number
The device's serial number is a unique number that unambiguously identifies your device. Mark down the serial number of your device below along with additional information important for the unambiguous identification of your device.

Serial number: _____

Date of purchase: _____

Notes:
1. The graphics in this manual is informative.
2. The menu on your TV screen may be slightly different from the illustrations in this manual.
3. The information in the document are subject to change without notice. The manufacturer accepts no liability for damages incurred directly or indirectly from errors, incompleteness or discrepancies between the instruction manual and the product described.

2. Assembling the stand

Before attaching /removing the stand, make sure the TV is turned off and plug is disconnected from the wall outlet.

Before performing the work, put underneath the LED TV set some soft material (e.g. blanket). This will prevent damage to it. Ensure a proper attachment of the supports so that the TV set is stable.

Place the assembled TV set on a firm and flat surface.

**Instruction for assembling the stand**
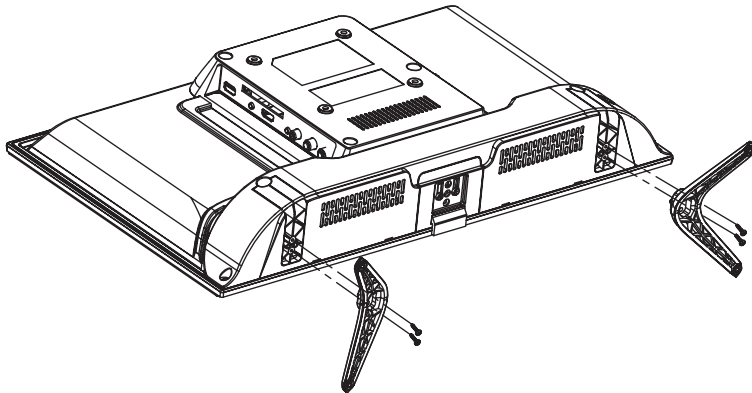
3. Device

3.1. Button functions of the control panel

The buttons on the bottom right control basic TV functions, including on-screen menu. If you want to use advanced functions, you have to use the remote controller.

Note:
The figures are only for orientation

1. ∧/∨ – Scans up/down through the channel list. In the menu system, they act like the up/down direction buttons on the remote and adjust menu controls.
2. ◁/▷ – Increases/decreases the volume. In the menu system, they act like the right/left direction buttons on the remote and adjust menu controls. (Note: In some menus, VOLUME UP also acts like the OK button on the remote.)
3. ⏻/≡ – Turns the TV on or standby.The TV is on,press it, brings up the main menu or press to return to the previous menu. Before enter menu, long press it for two seconds to display the Source Select. Long press it, TV will be off.
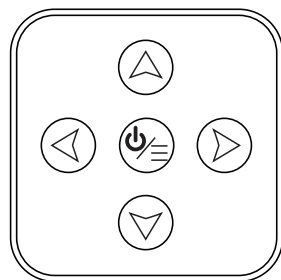
3.2. Connecting the TV connectors

Note: The location and names of the sockets on the TV may vary according to TV model, and some sockets may not available for some models.

1. USB 2.0 (input): These sockets can be used to connect an USB device.
Note: The number of USB sockets on the TV may vary according to TV model.
2. AV IN socket (input): The AV IN sockets can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles. The AV IN socket provides composite video connection.
3. COMMON INTERFACE (CI): This CI socket can be used to put the CI card in to accept the locked programs.

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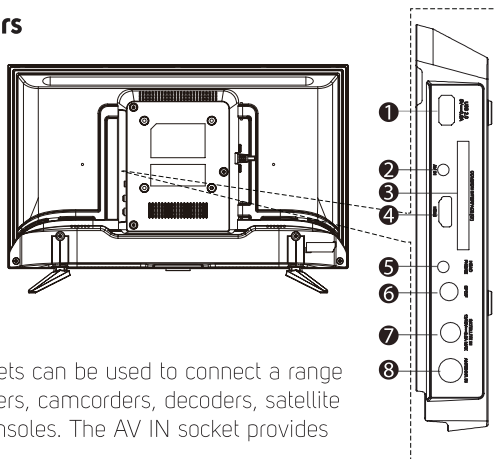
4. **HDMI socket (input):** The HDMI (High-Definition Multimedia Interface) socket can be used to connect a PC with a compatible video card installed, certain DVD players or a high-definition compatible digital satellite decoder.This socket provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.
5. **HEADPHONE socket (output):** Allow you to connect earphones to listen to the sound coming from the TV.
   Note: Excessive sound pressure from earphones can cause hearing loss.
6. **SPDIF:** Use a digital cable to connect your TV to a compatible audio receiver.
7. **SATELLITE IN socket (input):** This socket can be used to connect the satellite receiver pot.
8. **ANTENNA IN socket (input):** Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box.

4. Remote controller

Most of your television's functions are available on the menu that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings.

Note:
The location and names of the buttons on the remote control may vary according to TV model, and not all buttons available on all models.

⏻: (POWER) Turns the TV on or off.

🔇: (MUTE) Reduces the TV's volume to its minimum level. Press again to restore the volume.

0-9: (numeric buttons) Enters channel numbers. Enters a digit in some functions.

ECO: To select desired power saving mode.

EPG: Turns on electronic program guide.

VOL +/-: Increases or decreases the TV's volume.

CH +/-: Scans up or down through the current channel list.

SMART KEY: Press to choose Enjoy Music, Football Mode, Sleep Timer Soundbar functions.

INFO: Display the status information.

SOURCE: Brings up the signal source selection menu.

RETURN: Returns you to the previous operation in general setting.

MENU: Enter the option menu.

EXIT: Exits the menu system.

▲/▼/◄/►: (up, down, left and right direction buttons) Highlights different items in the menu system and adjusts the menu controls.

ZOOM-/+: Press to select the desired screen format.

OK: Confirms your selection.

Rec: To record programs under DTV or Satellite source.

TimeShift: Press the TimeShift button to pause the program to activate TimeShift function when you are watching.

Text: Teletext.

SUBTITLE: Displays the Subtitle Language menu.

LIST: Displays the Channel List.

FAV: Displays the favorite channel list.

Red button: In corresponding mode, press it to enter the right function as hint.

Green button: In corresponding mode, press it to enter the right function as hint.

Yellow button: In corresponding mode, press it to enter the right function as hint.

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Blue button: In corresponding mode, press it to enter the right function as hint. In USB mode, press to select sound track mode.

In DTV mode, press to select Audio Languages. In ATV mode, press to select Sound Type.

Note:
Remove the battery during storage or if you do not use the device for a long time.
To control your device with a remote controller, point it at the device and then press the desired function. The maximum range of the remote control is about 5 meters with a deviation of up to +/- 30 degrees from the perpendicular direction to the receiving remote sensor on the front of the device. The falling battery capacity decreases gradually the range of the remote controller. When you use the remote controller, there can not be any fixed obstacles between the remote controller and the device. During a standard use, the battery life in the remote controller is about 1 year. If there is a significant reduction in the effective range of the remote controller, replace both batteries in the controller. If you are not going to use the controller for a long time, take out both batteries – thus preventing a possible damage from battery leakage.
Prevent entry of strong light (e.g. sunlight or strong light from fluorescent or energy-saving sources) that may limit the efficiency and reliability of infrared remote controller.

5. Connections and Setup

5.1. Switching on

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the channel set-up procedure.
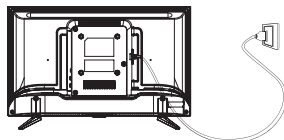
1. **Insert two batteries in the remote control.**

   Precautions on using batteries:
   • Only use the battery types specified.
   • Make sure you use the correct polarity.
   • Do not mix new and used batteries.
   • Do not use rechargeable batteries.
   • Do not expose batteries to excessive heat such as sunshine, fire or the like, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.
   • Remove the batteries from the remote control if you are not using it for a long period of time.

2. **Connect the power cable FIRST to the television, THEN to a mains socket.**
   (**Note:** If the power cable is connected to the television, please only connect the power cable to the mains socket.)
   Your TV set should only be connected to an AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.

3. **Connect an outside aerial to the ANTENNA IN socket at the back of the TV set.**

4. **When powered on, the TV will be turned on directly or be in standby.**
   Note: For some models, switch the TV on by pressing the power button.
   If the power indicator lights up, the TV set is in standby mode. Press the ⏻ button on the remote control or on the TV set to turn on the TV.
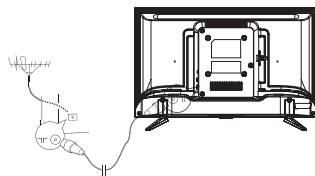
Switching off
• To put the TV set into standby mode, press the ⏻ button on the remote control or on the TV, the TV set remains powered up, but with low energy consumption.
• To switch off the TV set, unplug the mains socket from the mains outlet.
   Note: For some models, press the power button to switch off the TV set.

6. General Operation

6.1. Menu Function

The following instructions will introduce how to access and operate the main menu of the TV. Please note that some function might be unavailable in certain input source.

6.2. Selecting a Signal Source

Press the Source button on the remote control to switch the source.
1.   Press ▲/▼ or **Source** button to select your desired source.
      Note: The available source might differ depending on the model.
2.   Press **OK** button to confirm the selection.

Input Source

- Satellite
- DTV
- ATV
- AV
- HDMI
- USB

Enter   Exit
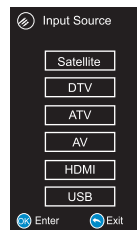
6.3. Setting function

1.   Press MENU button to display the main menu.
2.   Press ▲/▼/◄/► to select Setting icon, then press **OK** to enter. Options including Picture, Sound, Channel, Time, Option and Lock.
3.   Press ◄/► to select the option, press **OK**/▼ to enter the submenu.
4.   Press **Menu** button to return, press **Exit** button to Exit.

6.3.1. Picture
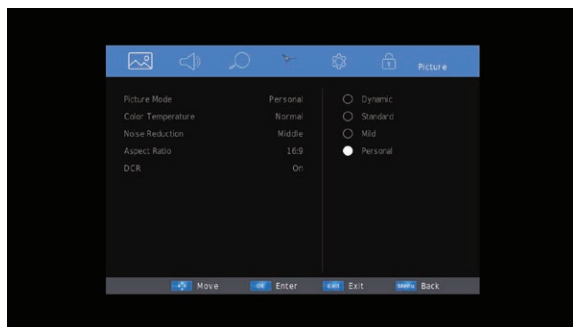
Picture mode
Adjusts the picture setting that best suits your viewing environment.

Color Temperature
Adjusts the colour temperature of the picture.

Noise Reduction
This setting reduces picture "static" or any type of interference.This feature is especially useful for providing a clearer picture in weak analog signal conditions.
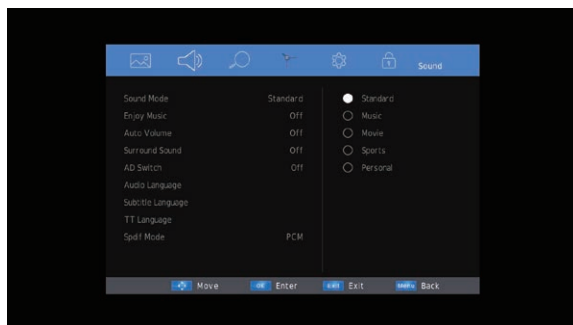
Aspect Ratio
Selects the picture size.

DCR
Selects On/Off to use the DCR function.

6.3.2. Sound

Sound mode
Selects a preset audio option optimized for different sounding conditions.

Enjoy Music
Selects On to enter Enjoy Music.

Auto volume
Selects On to reduce the annoying blasts in volume during commercial breaks and also amplifies softer sounds in program material. Eliminates the need to constantly adjust the volume.

Surround Sound
Selects On to open Sourround Sound function.

AD Switch
Press ◄/► to select On or Off. Amblyopia function for the blind, the tracks will be mixed describe the current screen. It need codestream to support.

Audio Language
Chooses from the list of languages available for the program you're watching.

Subtitle Language
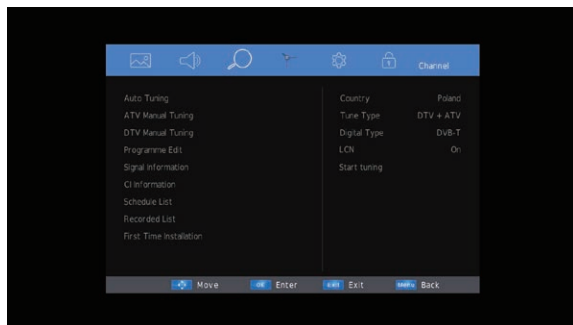Chooses the subtitle languages available for the program you're watching.

TT Language
Press ► or **OK** to enter submenu. Press ▲/▼ button to select TT Language.

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SPDIF Mode
This option is used to control the type of audio stream sent to the Digital Audio Output (SPDIF) socket.

6.3.3. Channel

Note:
This function is only available in DTV/ATV mode.

⚠ **WARNING:**
We strongly recommend that the antenna system is installed by an expert. A good quality installation will reward you with astable and trouble-free reception.

FASTSCAN M7
• Set manually correctly the DiSEqC switches for the Astra 23.5° east satellite. (Satellite settings / Dish Setup)
• Set the scanning mode to Fast Scan

Note on FastScan:
FastScan finds the appropriate operator channel table and saves it in the device list. The list taken by FastScan function, the position and the numbers of the individual channels are determined by the broadcast operator and the user can not change them. The list is stored in the device regardless of the current reception options, antenna settings, subscriptions etc. The user is guaranteed to have in the device all the channels the operator is transmitting.

Auto Tuning
Allows you to scan for all available analog and digital channels automatically.

ATV Manual Tuning
- Current CH: Set the channel number.
- Sound System: Select the Sound system.
- Fine-Tune: Adjust the frequency of the channel finely.
- Search: Start searching channel.

DTV Manual Tuning
1. Press **OK** button to enter submenu.
2. Press ◄/► button to select channel, press **OK** button to search program.

Programme Edit
Press **OK** button to enter submenu.
The four colored key is the shortcut key for programming the channel.
First press to highlight the channel you want to select, then:
- Press the Red button to delete the program in the list.
- Yellow button is setting the favourite channel.
- Green button is to move the channel.
- Press the Blue button to skip the selected channel.
  (Your TV set will skip the channel automatically when using CH+/- to view the channels.)

Signal Information
Press **OK** button to display the detail information about the signal. Only available when there is signal in in DTV and Satellite source.

CI Information
Put the CI card in and check CI Card Information.

Schedule List
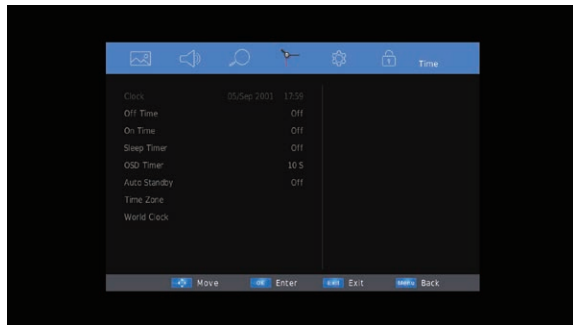Press **OK** button to enter submenu. It is available in DTV and Satellite source.

Recorded List
Displays the recorded list.

First Time Installation
Press ► or **OK** button to enter, press ▲/▼ button to select your desired option to adjust.

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6.3.4. Time

Clock
Selects the Clock and set the time.

Off Time/On Time
If you turn on this function, you should set a time period after which the TV automatically switches to off/on at Timer below this item.

Sleep Timer
Sets a period of time after which the TV set goes into standby mode, press to select the period, then press **OK** to set. To disable this function, select Off.

OSD Timer
Chooses the on-screen display timer. Press and **OK** to select.

Auto Standby
Options include **On/Off**. The TV will enter standby mode at the specific time that you set.

Time Zone
Selects the time zone you stay.

World Clock
Displays the World Clock.

6.3.5. Option
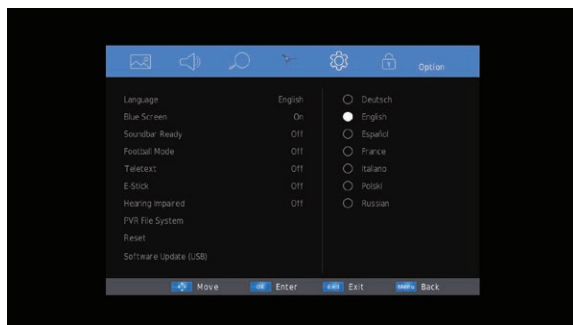
Language
Select an OSD menu language can be displayed.

Blue Screen
Press ► or **OK** button to select On or Off.

Soundbar Ready
Press ▲/▼ button to select On of Off.

Football Mode
Selects On to enter Football Mode.

Teletext
Toggles teletext between on and off.

E-stick
Select On to display the E-stikcer on screen.

Hearing Impaired
Press ▲/▼ button to select On or Off.

PVR File System
See Using PVR.

Reset
Resets all settings to the factory defaults.

Software Updated(USB)
Update the software by USB with downloading software.

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6.3.6. Lock

Password
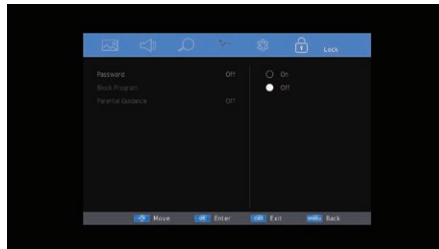Press ► or **OK** to enter the password. The default password is "**0000**".

Block Program
This option allows you to lock a certain TV channel.

Parental Guidance
Press ► or **OK** button to enter submenu to select the number of age which is suitable for your children.

6.4. Using EPG

EPG is an on-screen guide that displays scheduled TV programmes. You can navigate, select, view and programmes.
1. Press **EPG** button on the remote control, the Now and Next EPG menu will appear, which allows you to get information about the current or next programme playing on each channel. Navigate through the different programmes using the navigation buttons on the remote control.
2. Use the colour buttons to view the 7 Days EPG.
   – Recorder ▪: Record the programmes.
   – Reminder ▪: Remind the programmes.
   – Prev day ▪: List the previous day's EPG.
   – Next day ▪: List the next day's EPG.
   – Details (Info): Display the description of this programme if available.

6.5. Using PVR

Allows you to record your favourite TV programme to a USB device.Before you use the function, connect a USB memory device to the set first.
Press **Menu** to display the Main menu, select PVR icon and press **OK** button to enter.
1. Selects Disk
2. Adjusts the recording options
3. Press Rec button to play/stop PVR.
To watch the recorded programme, enter the **USB mode** > **Video**. Select the folder PVR, then select the related record file.
Press **OK** to play. (It is the same if you record a digital radio programme).

7. Advanced Functions

7.1. Attention and Frequently Asked Questions

⚠️ **ATTENTION:**
Some non-standard mobile storage device may not be recognized. Please change to use the standard device.

Note:
For coding files, there are many kinds nonstandard coding method, so this system can not be guaranteed to support the file formats using any coding method.

7.1.1. Frequently Asked Questions:

1. Under the following conditions, this system cannot decode the file and the file cannot be play normally:
   - The parameters of file, such as the pixel of picture, code rate of audio and video file, sampling rate of audio file, exceed the limit of the system;
   - The format of file is not matched or the file is harmed.
2. Hot plug: Do not disconnection when the system is reading or transmitting data, avoid damaging the system or the device.
3. Pay attention to the power supply of the device when you are using a mobile hard disk or a digital camera.
   If the power supply is not sufficient or not stable, you may encounter problems during operating or can not operate at all. In this case, please restart the device, or unplug the device and plug it again, and ensure that its power supply is normal.
4. The system supports standard USB2.0 and USB3.0 devices, such as standard U-disks, MP3 players, mobile hard disks, etc.
5. For obtaining better audio and video quality, suggests to use the external device which accords with USB2.0 standard.
6. When playing the video with high compression ratio, these phenomenons, such as picture standstill and menu long time response, are normal.
7. For some USB device with power supply, such as large size hard disk, MP4, etc., suggests using it with power to avoid electric power shortage.

8. Troubleshooting

⚠️ **NOTICE:**
Under no circumstances should you try to repair the appliance yourself, the device does not contain parts that could be repaired by the user. Always take the device to an authorized service center if a repair or adjustment are necessary other than regular maintenance. Unauthorized interference with the device is considered a breach and the loss of warranty claim. The importer, supplier, distributor or vendor shall not be liable for any losses caused by a violation of regulations listed in this manual. Do not open the device, there is the danger of electric shock. In the case of device failure, first check the following list of problems and their solutions. If you fail to remove the defect according to the following tips, contact your vendor.

Problems	Possible solutions
No picture, no sound.	1. Check if the fuse or circuit breaker is working. 2. Plug another electrical device into the outlet to make sure it is working or turned on. 3. Power plug is in a bad contact with the outlet. 4. Check the signal source.
No color.	1. Change the color system. 2. Adjust the saturation. 3. Try another channel. Black-white program may be received.
Remote control does not work.	1. Change the batteries. 2. Batteries are not installed correctly. 3. Main power is not connected.
No picture, normal sound.	1. Adjust the brightness and contrast. 2. Broadcasting failure may happen.
Normal picture, no sound.	1. Press the **Vol +** button to increase volume. 2. Volume is set to mute, press the mute button 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.

Problems	Possible solutions
Snowy dots and interference	If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception. 1. Adjust the position and orientation of the indoor/outdoor antenna. 2. Check the connection of 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.

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9. Technical specifications

Model	SLE 22F60TCS
Panel size	22" (55 cm)
Power consumption	40 W
Standby consumption	<0.5 W
Rated voltage	AC 180–240 V ~ 50/60 Hz
Remote controller	Yes
VESA wall mount	100 × 100 mm
Dimensions with stand (w × h × d)	505 × 341 × 134 mm
Dimensions without stand (w × h × d)	505 × 303 × 80 mm
Net weight with stand	2.2 kg
Connection	
RF IN	1×
HDMI	1× (ARC)
SPDIF coaxial	1×
USB	1×
MINI AV in	1×
Supported USB formats	HEVC, MKV, AVI, MP4, MPEG, FLV, MP3, WMA, JPEG, JPG, PNG, BMP
CI slot	1×
Other functions	
Resolution	1920 × 1080
Brightness (cd/m^2)	165 cd/m^2
Response time (ms)	6.5
Viewing angle	178°/178°
Embedded tuner	DVB-T/T2, DVB-C, DVB-S2
Video system	PAL/SECAM BG/DK/I
PVR recording to USB	Yes
Progressive scan	Yes
Timeshift	Yes
EPG	Yes
Comb filter	Digital
OSD menu	EN, CZE, POL, HUN, SVK, GER, FRE, ITA, SPA, GRC, HRV, SRP, BUL, SLV, LIT, RUS, ROM
Zoom	Yes
Noise reduction	Yes
Timer OFF / ON / SLEEP	Yes
Subtitles	Yes
Audio language	Yes
Channel list	Yes
Favourites list	Yes
Radio	Yes
Lock	Yes

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Parent lock	Yes
Hotel mode	Yes

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

Manufacturer address: FAST ČR, a.s, Černokostelecká 1621, 251 01 Říčany, Czech Republic

Information sheet

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

Symbol	FAST
Model	**SLE 22F60TCS**
Energy efficiency class	A
Screen diagonal in cm / inches [cm/"]	55/22
Electric energy consumption when on [W]	22
Annual electric energy consumption* [kWh]	33
Electric energy consumption in standby mode [W]	<0.5 W
Screen resolution [pixels]	1920 × 1080

* Electrical energy consumption 33 kWh for SLE 22F60TCS per year is based on the electricity consumption of a Tv set operating 4 hours per day for 365 days. The actual electric energy consumtpion will depend on how the television is used.

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.

Hereby, FAST ČR a.s. declares that the radio equipment type SLE 22F60TCS is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.sencor.eu

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

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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.