

Hisense

LED Backlight TV

USER GUIDE

Read the manual carefully and ensure you have fully understood its contents before operating this device for the first time.

English

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Welcome

Thank you for purchasing a Hisense TV.

This device lives up to the highest standards, innovative technology and high user comfort.

Home

Using apps, surfing and enjoying videos has never been this easy. With this Hisense TV you can do it fast and simple, whilst in the comfort of your living room.

Media Player

Media player — access your music, pictures and videos from your network or USB storage media and play them directly on your TV.

PVR/ T.Shift


Connect a hard disk to your TV and use the PVR function to record your favorite shows and movies. With the T.Shift function, you can watch a live broadcast while recording it, enabling you to pause the viewing at any time, skip commercials and replay important scenes.

Digital Tuner

Everything works with one remote control now. Connect your TV directly to your terrestrial, satellite antenna or cable and enjoy contents in high quality without loss.

Important Notice

This guide only contains detailed information about the menus and the explanation of different settings, how to use the functions of this TV, etc. For detailed instructions on how to install this TV, please refer to the quick setup guide.

Paragraphs beginning with the symbol  indicate important instructions, tips or conditions for the following settings.

 **For your own safety and the optimal performance of your TV, ensure to read the safety instructions before performing any installation.**

Hisense does not guarantee operation and performance of peripheral devices made by other manufacturers. We disclaim any liability or damage that may arise from operation and/or performance from usage of such other maker's peripheral devices.

The recording and playback of content on this or any other device may require permission from the owner of the copyright or other such rights in that content. It is your responsibility to ensure that your use of this or any other device complies with applicable copyright legislation in your country. Please refer to that legislation for more information on the relevant laws and regulations involved or contact the owner of the rights of the content you wish to record or playback.

The Index/Glossary explains certain terms used in this user manual and in the TV menu.

Declaration of Conformity (DoC)

This TV is CE marked and complies with EU directives. The complete declaration of conformity is included in this manual, and can also be downloaded from the Hisense homepage.

Hisense declares that this TV is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EG. It may be operated in all countries in the EU and also Iceland, Norway and Switzerland. In France and Italy it may only be used indoors.

Read these instructions
Follow all instructions
Heed all warnings
Keep these instructions

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Important Safety Instructions

Safety Instructions

To ensure safe and correct use of this product, always comply with the following precautions to avoid dangerous situations and damage to your unit:

| | | |
|--|---|---|
|  | CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN |  |
| CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. | | |



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The intended use and ambient conditions for this TV

This TV is intended for the rendering of video and audio signals, on a table-top or wall-mounted, in a home or office environment. It must not be used in rooms with a high level of humidity or dust concentration. The warranty is only valid if used as intended by the manufacturer.



WARNING

High humidity and dust concentration may lead to current leaks in the device. To reduce the risk of fire or electrical shock:

- Do not expose this unit to rain, moisture, dripping or splashing water, and do not place objects filled with liquids, such as vases, cups, etc. on or over the unit.
- Do not touch the TV with wet hands.
- Do not expose to direct air-conditioning and keep candles or other naked flames away from the TV at all times.

If the TV is moved from a cold environment to a hot environment, leave it switched off for at least an hour to avoid condensation. If used outside, make sure it is protected from moisture.

If you notice anything unusual, immediately turn off the main power supply switch and remove the power plug.

In case of fire, use preferably a CO₂ gas or powder fire extinguisher. If such extinguishers are not accessible, try to isolate the electrical supply before using a water fire extinguisher.

■ Moving/Transportation

Before moving this TV, disconnect all cables and move in the vertical position only. Grasp the device on the upper and lower edges of the frame.

- Do not press or put stress on the front panel of the TV. It may take two or more people to carry larger TVs.

If you have to briefly lay down the TV, place the unit with its entire front surface lying flat on soft material.

The LED screen is made of glass and can break if is not handled properly. Always wear rubber gloves to carry the unit. If the LED screen is damaged, liquid crystal might leak out. In case of skin contact, immediately rinse thoroughly with water.

■ Power Supply

Incorrect voltages can damage the TV. Only connect this unit to a power supply with the correct voltage and frequency noted on the type plate, using the supplied power cable.

The power plug must be easily accessible so that the device can be disconnected at all time. The unit is live, even if the I/O button is switched off, as long as the unit is connected to a power outlet.

It is recommended that this unit is placed on a dedicated circuit.

- Do not overload the power outlets by connect too many appliances to the same outlet. Overloaded wall outlets, extension cords, etc. are dangerous and can result in electric shock and fire.

After power off, don't turn it on again in 5 seconds. Frequent switching power supply in a short period of time can cause abnormal TV.

■ Power plug and power cable

- Do not touch the power plug with wet hands.
- Do not place heavy objects on the power cable. Route the cable so that it is not kinked or laid over sharp edges, walked on or exposed to chemicals. A power cable with damaged insulation can cause electric shock and fire.
- Pull the power plug, NOT on the cable when disconnecting. The cable can become damaged and cause a short circuit if pulled on.
- Do not place the power cable near a high temperature object.
- Do not move the TV with the power cable plugged into a socket.
- Do not use a damaged or loose power cable, or a damaged socket outlet.
- Do not use any power cords other than the one supplied with this unit.

■ Set-up

Check that the location is suitable to bear the load of the TV. Place on a level, sturdy and horizontal base. Ensure that the unit does not hang over the edge of the base when placed in or on furniture. If placed on a cart, use caution when moving to avoid the unit from tipping over.

- Place the unit in a normal upright horizontal position. It must never be operated vertically, lying flat or hanging overhead from the ceiling.
- Place the unit where it is not exposed to direct sunlight or other sources of heat

When mounting the TV on a wall, follow the instructions supplied with the wall-mount, make sure not to install the TV by hanging the power and signal cables on the back of the TV.

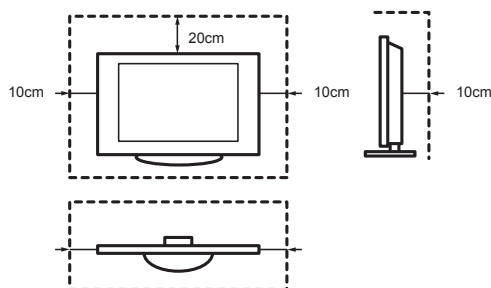
■ Air ventilation and high temperatures

Install your TV only where there is proper ventilation, and ensure that there is at least 10 cm free space on the sides and 20 cm above the unit for air circulation. Excessive heat and obstruction of ventilation could lead to fire or early failure of some electric components.

- Do not block any ventilation openings with newspapers, tablecloths, curtains, etc.
- Do not dry clothing etc. on top of the unit.
- Take care not to touch the ventilation openings since they may become hot.
- Do not insert foreign objects into the TV through the vents.

■ The Stand

- Do not use any stand other than the one supplied with this unit.
- Do not modify or use the stand if it becomes warped or physically damaged.
- During setup, make sure that all the screws are securely tightened.
- Ensure that the TV does not suffer any impact during the attachment of the stand.
- Ensure that children do not climb onto the stand.
- Attach or remove the stand with at least two people.
- Install the TV following the specific procedure in the Quick Setup Guide.



Prevent small items from getting into the interior of the device through the ventilation slots. Such objects may cause short circuits, which may cause fire.

If something should get inside the unit, immediately unplug the power plug of the device and contact service support.

■ The LED screen

Despite thorough care when manufacturing this display, it cannot be 100% guaranteed that no sub-pixel defects will occur due to technical reasons. These cannot be considered as a device defect in terms of the guarantee. They will not affect the performance and reliability of the TV.

To prevent “image burn”, avoid displaying still images for long periods of time, there is a possibility that a copy of the image may remain. If the aspect ratio is set to 4:3 for a long period of time, image burn may occur on the black areas. Image burn is not covered by the warranty.

- Do not apply strong force or impact on the display panel.

Avoid touching the LED screen or touching it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

■ Radio waves

- Do not use the TV in any medical institutions or locations with medical equipment. Radio waves may interfere with medical equipment and cause malfunction.
- Do not use the TV near any automatic control equipment such as automatic doors or fire alarms. Radio waves may interfere with automatic control equipment and cause malfunction.

If you have a cardiac pacemaker, keep a distance of at least 22 cm from the TV. Radio waves may interfere with the operation of a pacemaker.

■ Built-in wireless LAN

- Do not connect to wireless networks that you do not have the usage rights for. Data transmitted and received over radio waves may be intercepted and monitored.

The built-in wireless LAN uses 2.4 GHz and 5 GHz frequency bands. To avoid malfunctions or slow response caused by radio wave interference, keep the TV away from devices such as other wireless LAN devices, microwaves, mobile phones, and other devices that use 2.4 and 5 GHz signals.

Important Safety Instructions

■ Supervision

- Do not let children play unsupervised close to the TV. It could tip over, be pushed off or pulled down from the stand surface and injure someone.
- Do not allow a switched-on TV to run unattended.

■ Volume

Loud music and noises can lead to irreversible damage to your ears. Avoid extreme volume, especially over long periods and when using headphones.

If you hear a drumming noise in your ears, turn down the volume or temporarily stop using headphones.

■ Thunder Storms

Pull out the power plug and all connected antenna cables from the TV during a thunderstorm. Overvoltage caused by lightning strikes can damage the TV via the antenna system, as well as the wall socket.

■ Long periods of absence

As long as the power plug is connected to a live socket outlet, the TV will consume power even in "OFF"-mode. The power plug and all connected antenna cables should be disconnected out during long periods of absence.

■ Cleaning and care

CAUTION:

Unplug the power cord prior to cleaning the TV.

Clean the TV, the screen, and the remote control with a soft, moist, clean and color-natural cloth only. Do not use any chemicals.

- Do not subject the surfaces to insect repellent, solvent, thinner or other volatile substances. This may degrade the surface quality.
- Do not spray water or other liquids directly on the TV. Liquid inside the TV could lead to product failure.
- The surface of the display panel is treated and may be easily damaged. Take care not to scratch it with fingernails or other hard objects.
- Also wipe the power plug with a dry cloth at regular intervals

■ Service/Repair

Never remove the cover/back of the TV; there are no user serviceable parts inside. Refer all service to qualified service personnel.

■ Packaging

Keep the anti-moisture materials and plastic bags out of reach of children.

Plastic bags can cause suffocation and the anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital.

■ Modification

Do not attempt to modify this product in any way. Unauthorized modification could void the warranty of this unit, cause electric shock and fires.

■ Remote Control batteries

- Incorrect installation may cause battery leakage, corrosion and explosion.
- Replace only with the same or equivalent type.
- Do not mix old and new batteries.
- Do not mix different battery types
- Do not use rechargeable batteries
- Do not burn or break up batteries.
- Do not expose batteries to excessive heat
- Be sure to dispose of batteries correctly

■ Outdoor Antenna Grounding

If an outdoor antenna used, be sure the antenna system is protected against voltage surges and built-up static charges.

■ Disposal

Refer to the recycling section of this manual.

■ Using the 3D function

Read the following safety instructions before using the 3D function of your TV.

The function is only applicable to the products which support it.

WARNING

People that have a visual disorder may not be able to perceive 3D effects or may only be able to perceive them to a limited extent.

Only watch 3D images after consulting your doctor if you have a history of oversensitivity to light/flickering images, heart problems, are pregnant and/or any other medical condition such as epilepsy, cardiac disorder, blood pressure disease, etc.

Do not watch 3D content if you feel nauseous, are fatigued from lack of sleep, overwork or intoxication.

3D content is not recommended for those who suffer from stereo blindness or stereo anomaly. Double images or viewing discomfort may be experienced.

If you are cross-eyed, weak sighted or have astigmatism, you may have trouble sensing depth and easily feel fatigue due to double images. It is advised to take more frequent breaks than the average adult.

If you experience any of these symptoms, stop using/watching 3D video immediately and get enough rest until the symptoms subside: headache, eyeball pain, dizziness, nausea, palpitation, blurriness, discomfort, double image, visual inconvenience or fatigue. Consult your doctor if the symptoms persist.

CAUTION

Viewing Distance – Maintain a distance of at least twice the screens diagonal length when watching 3D content. If you feel discomfort in viewing 3D content, move further away from the TV.

Have longer pauses when watching 3D images than regular movies. Failure to do so can result in headaches, fatigue, dizziness, eye strain or discomfort.

Position yourself comfortably in front of the TV and ensure that you are seated firmly. When viewing 3D images your sense of distance may be fooled or go wrong. Be careful not to hit the TV screen or other people unintentionally. Ensure there are no breakable objects around you to avoid any accidental damage or injury.

Infants/Children

- Children under the age of 5 should not view 3D images, as a guideline.
- Children under the age of 10 may overreact and become overly excited because their vision is in development. All children must be fully supervised by parents or guardians to ensure their safety and health while they are watching 3D images.
- Children perceive more stereoscopic depth compared to adults because the distance between the eyes is shorter.

Teenagers

- Teenagers under the age of 19 may be stimulated to light coming from 3D images. Advise them not to watch 3D videos for a long time when they are tired.

Elderly

- The elderly may perceive less of a 3D effect than the youth. Do not sit closer to the TV than the recommended distance.

■ Cautions when using 3D glasses

- Only use the 3D glasses for the intended purpose and nothing else. Do not use 3D glasses instead of your normal glasses, sunglasses or protective goggles.
- Do not move around while wearing 3D glasses to avoid falling or accidental injury.
- Be careful of the tips of the frame in relation to your eyes when putting on the 3D glasses.
- Be careful not to trap your fingers in the hinge section of the 3D wear.
- Do not use 3D glasses if they are physically damaged.
- Using modified 3D glasses may cause eye strain or image distortion.
- Do not keep your 3D glasses in extremely high or low temperatures. It will cause deformation.
- The 3D glasses are fragile and are easy to scratch. Use a soft, clean piece of cloth when wiping the lenses. Do not scratch the lenses with sharp objects or clean/wipe them with chemicals.
- Do not drop, exert pressure, or step on the 3D glasses.
- If you suffer from eyesight problems (short-/ farsighted, astigmatism, eyesight difference between left and right), ensure that you correct your vision before using the 3D glasses. The 3D glasses can be worn over vision correction glasses.
- Stop using the 3D glasses immediately if you experience any redness, pain or skin irritation around the nose or temples. In rare cases, the materials used in the 3D glasses may cause an allergic reaction.

■ Notes

- Use only approved 3D glasses. Otherwise, you may not be able to view 3D images properly.
- It may take some time for you to get used to the 3D glasses, and before you can perceive the 3D effects properly.
- Switch of any artificial light sources between the 3D TV set and the 3D glasses. These could interfere with the infrared reception or the TV picture may flicker as a result.
- To prevent interference with other TVs or wireless devices, the 3D glasses needs to be paired with the TV. Press the power key on the 3D glasses to start pairing, when the indicator light flashes, the pairing is complete.
- Certain functions like Zoom are not available when watching 3D images.
- This TV automatically identifies 3D formats when connected to a HDMI v1.4 compatible source. Other sources require manual setup.

Shortcuts Instructions

You can use shortcuts on the remote control for fast operation. Refer to the “ Quick Setup Guide ” for more information.

1.1 Turning your TV on or off

To turn your TV on or off :

1. Plug the AC power cord into a socket outlet of AC power supply.
2. When the TV is powered on, press the [⏻] button on the remote control, it goes into standby mode. Press the [⏻] button again to turn on your TV.

📌 NOTES

- When your TV is in standby mode, it is still consuming power. To completely disconnect power, please remove the mains plug from the mains socket.
- If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

1.2 Selecting the Input Source

Select the Input Source depending on the video device you have connected to your TV.

To select the input source:

1. Turn on your TV, then press the [INPUT] button on the remote, the list of Source appears.
2. Press the [< / >] buttons to select the input source.
3. Press the [OK] button to confirm your selection.

1.3 Live TV

Channel search guide

When switching to Live TV, the TV detects the presence of the channel list information (Channel scan must have been completed). If the scan has not yet been completed, a prompt will appear to begin scanning for channels. Press the **Begin scanning** button to enter the channel search interface.

Launch Live TV

Upon first use, the screen will display Live TV operating tips, including: how to show the channel list, how to start the PVR / T.Shift, how to view channel info and more.



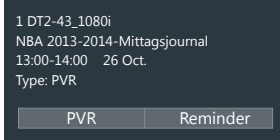
- OK** Call out Channel List
- V** Call out PVR/T.Shift
- ^** View channel info
- BACK** View recent channels

1.4 EPG

The EPG (Electronic Program Guide) provides a clear and easy to navigate list of TV programs available within the next 7 days. The information is provided by commercial television networks for digital channels only. The EPG also provides a simple way to record your favorite programs and a reminder function which can change the channel automatically at the correct time so you do not miss any programs of interest. (The availability and amount of programme information will vary, depending on the particular broadcaster).

- Press the **[EPG]** button on the remote control to display channel information on program guide list.

| | |
|------------------------|---|
| Watch | When a currently airing program is selected, press the [OK] button to watch in full screen mode. |
| PVR/Reminder | <p>Press the [^ / v] buttons to select the channels. Press the [< / >] buttons to select the program based on the time schedule.</p> <p>Press the [OK] button on the remote control to select PVR or Reminder.</p> <p>Press the [^ / v] buttons to change and set a different options.</p> <ul style="list-style-type: none"> • Time: Manual stop: If you select Manual stop, you need to manually stop recording. (The function is only available for PVR) Select and set Start time/Stop time: Press the [0~9] buttons to input the desired numbers. • Repeat: Choose either Once, Everyday or Weekly. <p>☒ NOTES</p> <ul style="list-style-type: none"> • Reminder is only available for programmes that haven't aired yet. • A storage device must be attached to the television for recording(PVR) purposes. • The TV will record the program even in standby mode. |
| Page Up/Down | Press the [CH+/CH-] buttons to move programme listing page up/down. |
| Schedule | Press the [RED] button to view a list of scheduled reminders and recordings. |
| Day | Press the [GREEN] button to select a day. |
| CH.List | Press the [YELLOW] button on the remote control jump to the Channel List Selection. |
| Program Details | Press the [BLUE] button to display detailed information on the selected program. |



1.5 PVR/T.Shift

PVR

The PVR function allows you to easily record digital television content for later viewing. The function is only available in DTV source only. The format of the storage disk must be either FAT32 or NTFS. The PVR will not function if a data storage device has not been connected.

There are three options for recording, the first option is to use Electronic Program Guide (EPG), the second option is to press the [v] button to select PVR or T.Shift, and the third option is to press the [PVR] button.

Press the [■] button to stop recording and a *.PVR file will be saved. The files can be played back in the Media Player.

T.Shift

This option allows you to pause and rewind live TV. This function operates by recording temporarily to a storage device. Please ensure your storage device is connected and there is enough free disk space (1GB). Otherwise the recording will not commence.

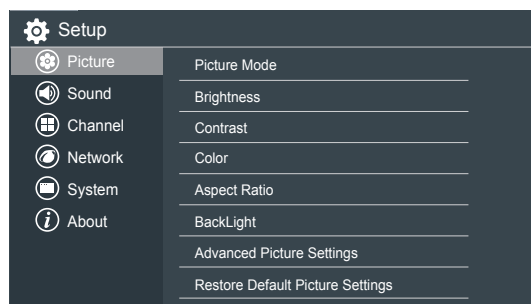
Press the [v] button on the remote control to select T.Shift and then the menu will appear, press the [III] button to pause the live broadcast and press the [▶] button to play. Press the [◀◀] button to watch reverse and press the [▶▶] button to watch advance playback rapidly. Press the [■] button to exit the function and watch the current broadcast.

📌 NOTES

- When connecting external hard disk drives please use an external power supply where possible. Exceeding a total current consumption may result in damage. The maximum current consumption of USB3.0 is 1A and The maximum of USB1.1 and USB2.0 are 500mA.
- The USB port supports a voltage of 5V.
- The maximum supported storage space of the hard disk is 1TB.
- If you want to store the video streaming of a DTV program, the transfer rate of the hard disk must not be less than 5MB/s.
- The PVR function is not supported for analogue channels.
- The PVR functions are disabled for channels locked with Channel Lock or scrambled channels (CI module or password needed).

2.1 How to use the Menu

1. Press the [⚙️] button to open the Quick Setup menu.
2. Press the [➡️] buttons to view the full menu settings.
3. In each menu, you can:
 - Press the [⏪ / ⏩] buttons to select an item,
 - Press the [◀ / ▶] buttons to adjust the value,
 - Press the [➡️ / OK] buttons to enter the submenu,
 - Press the [BACK] buttons to return to the previous menu.
4. Press the [EXIT] button to exit the menu.

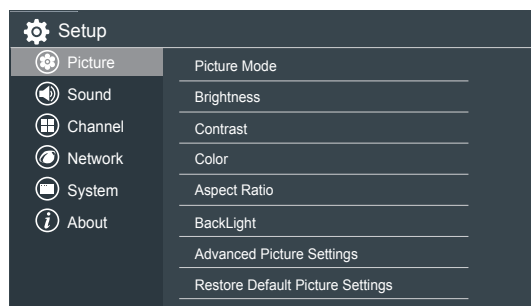


NOTE

- The menus in the user manual may vary slightly from the actual screen.

2.2 Using the Picture Menu

The picture setting allows the user to optimize the output picture quality of the TV.



| | |
|---------------------|--|
| Picture Mode | For setting up the picture mode and improving the TV picture quality. If you'd like to configure the settings for your picture, select the correct picture mode from the following options: Standard, Dynamic, Natural, Theater, Game, Sport. |
| Brightness | Adjust the Brightness level to generate lighter or darker images. |
| Contrast | Adjust the Contrast level to increase or decrease how bright images appear. |
| Color | Adjust the color intensity of the picture for a more vibrant image. |
| Aspect Ratio | Adjust the Aspect Ratio to stretch or zoom in on your picture. You can choose from the following settings: Normal, Zoom, Wide, Cinema, 1:1 PIXEX MAP, Panoramic, Direct or Auto. |
| Backlight | Certain models feature a Dynamic Backlight Control setting that can be set to either 'Off', 'High' or 'Low'. Certain models only partially support Local dimming . On these models the available options are either 'On' or 'Off' The Backlight option can set the overall brightness of the screen. |

Here you can change the settings for the 3D mode of your TV. To use this mode, you need the 3D content and the compatible glasses. For details of these glasses, please contact the customer service of your country. (The 3D function is only applicable to the products which support it)

NOTES

- Switch off any artificial light sources between the 3D TV set and the 3D glasses. These could interfere with the infrared reception or the TV picture may flicker as a result.
- To prevent the interference with other TVs or wireless devices, syncing shall be performed between the 3D glasses and the TV. To perform this action, press the Power key to start pairing, when the indicator light flashes, syncing is completed.
- Sit upright facing the TV when watching 3D movies and TV shows.
- Other brands 3D glasses may not be supported.

- **3D Mode:** Select a preset 3D MODE: Off/Auto/2D to 3D/Side by Side/Top and Bottom/Line by Line/Vertical Stripe/Checker Board/Frame Sequential.

NOTES

- When watching 2D video, please ensure 3D mode is switched off.
- When 3D signal format is Frame Packing, the image will be displayed according to the resolution of the incoming signal.
For example: when the input signal is 1280×720, a 720p image will be displayed. A 1920 x 1080 input signal will be displayed in 1080p.
- When 3D signal format is Side to Side, Top and Bottom, the image is displayed full screen in half resolution (960 x 1080 or 1920 x 540 respectively).

- **L-R Switch:** 3D glasses change to the left or right eye depending on the option you select (Not available when 3D Mode is Off)
- **3D Depth:** Determines how many layers are shown in 3D mode. Increasing the depth will increase the effectiveness of the 3D effect.
- **3D to 2D:** Converts a 3D source to 2D. (Not available when 3D Mode is Off)

NOTES

- Watching TV by wearing active 3D glasses for long periods of time may cause headache or fatigue. If you experience headaches, tiredness or dizziness then please stop watching TV and have a rest.
- Some 3D images may be stimulating and frightening to the viewer. It is suggested those who are pregnant, epileptic or young children should avoid using the 3D function of this device.
- When watching 3D content, please ensure the safety of the surrounding environment as this product may make you feel personally on the scene and cause disorientation. Please don't use this product between open staircases, cable wires, balcony or near other objects which may be turned over, knocked into, knocked down or broken.
- Except watching 3D video, please don't wear active 3d glasses for any other purpose. Wearing active 3D glasses as common glasses, sunglasses or protective glasses may cause damage to your eyesight.
- The ideal viewing distance is more than 3 times the height of the screen.

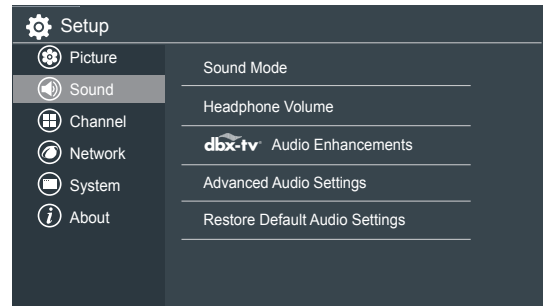
| | |
|--|---|
| <p>3D</p> | <ul style="list-style-type: none"> • If any one of the following symptoms is occurring, please stop watching and have a rest. (If the symptoms continue, please consult your doctor.) • Eyesight change, a dizzy head and blurred eyes, involuntary movement, eyes or muscle twitches), unconscious movement, mental confusion, psychic disarray, direction problem or feeling sick. • Parents should monitor and check that their children are not experiencing any of these symptoms as children are more likely to experience symptoms. • Usage/Viewing 3D contents for children under the age of 6 are prohibited. |
| <p>Advanced Picture Settings</p> | <p>Adjust advanced picture settings based on your viewing preference.</p> <ul style="list-style-type: none"> • Display: Adjust advanced picture settings in the component source. • OverScan: Change the video size settings to slightly crop the edges of the displayed image. • Tint: Adjust the colors from a green to magenta tint to view the natural skin tones of people on the screen. • Sharpness: Adjust how sharp or soft edges of images appear. • Ultra Smooth Motion: This setting minimizes afterimages that are left on the screen when viewing fast-moving objects. You can adjust it from Off, Low, Middle, High. A high setting will produce a smoother picture whereas a low setting will result in a picture that has more judder (shaking). • Noise Reduction: Improve how clear the picture appears by reducing noise. • Adaptive Contrast: Automatically darken dark areas and lighten light areas of images to see more details. • Color Temperature: Select a preset color temperature. • White Balance: Adjust the intensity of red, green and blue lights to view the true colors of all images in the picture. • Color Tuner: Adjust the Hue, Saturation and Brightness of color settings. |
| <p>Restore Default Picture Settings</p> | <p>Restore all the picture settings in the current picture mode to the factory default values.</p> |

NOTE

- The 3D function is only applicable to the products which support it.
- For Motion Smoothing, the input video's frame rate played by player needs to be in accordance with the frame rate of the video itself.

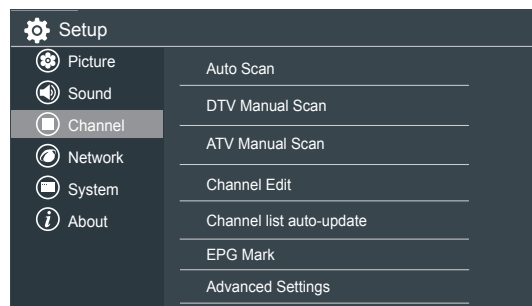
2.3 Using the Sound Menu

The sound settings allows the user to optimize the output audio sounds of the TV.



| | |
|--------------------------------|---|
| Sound Mode | Select a preset sound mode to suit the type of content you are listening to: Standard, Theater, Music , Speech and Late Night. |
| Headphone Volume | Adjust the headphone volume Individually when you set the Separate control to On(I). |
| dbx-tv Audio Enhancements | <p>Total Technology delivers the best possible audio experience from your TV.</p> <ul style="list-style-type: none"> • TotalSonics® Total Sonics: Optimizes overall sound quality by increasing bass, making dialog clear and natural, and widening the sound field. • TotalSurround® Total Surround: Provides surround sound experience with psycho-acoustic processing to place sounds beside, behind, and above the viewer. For best results use with Total Sonics. • TotalVolume® Total Volume: Maintains consistent loudness levels from wide dynamic range programs, too-loud commercials, and channel or input changes. |
| Advanced Audio Settings | <p>Tune the audio settings and quality of the TV.</p> <ul style="list-style-type: none"> • Equalizer: Boost the volume at different frequencies. • Lip Sync: Synchronize the displayed image with the audio output. • Balance: Adjust the left and right speaker strength to optimize audio for a specific location. • Digital Audio Out: Select the digital audio output format that best suits the audio device type. For example, choose RAW (which is uncompressed audio in RAW form) if you have 5.1 Channel Surround Sound Speaker set up. Choose PCM if you have an amplifier that does not support Dolby Digital technology. • Digital Audio Delay: Adjust the digital audio output delay time to sync sound from an external speaker with the images on the TV. • TV Speaker & ARC: Select the TV speaker or an external speaker for sound output. • Voiceover Out: You can select All, Speaker or Headphone. • Voiceover Volume: Adjust the Voiceover Volume. (Only available when Audio Type is Visually Impaired) • Audio Type: You can select Normal or Visually Impaired. |
| Restore Default Audio Settings | Restore all of the audio settings in current audio mode to the factory default values. |

2.4 Using the Channel Menu

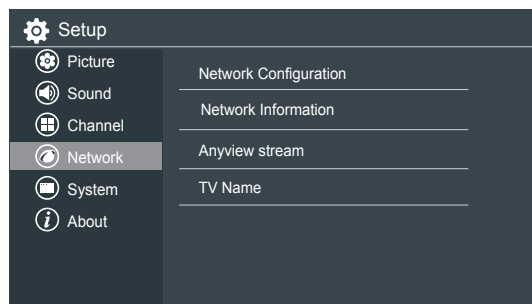


| | |
|-------------------------------|--|
| <p>Auto Scan</p> | <p>Automatically scan for channels to view programming from your TV source.</p> <ul style="list-style-type: none"> • Tuner Mode: Satellite <p>You can select Satellite Mode: Single satellite, Tone Burst, Diseq, Unicable.</p> <p>Then setting the selected items, when you enter the Auto Search interface, then press “Start” enter the Search Channel interface to scan for channels.</p> <ul style="list-style-type: none"> • Tuner Mode: Cable <p>Operator: You can select UNITYMEDIA, TELECOLUMBUS or Others.</p> <p>Channel: You can select All Channels or Free Channels.</p> <p>Scan Mode: You can select ATV, DTV or ATV+DTV.</p> <p>Search Mode: You can select Frequency Scan, Quick Scan or Advance Scan.</p> <p>Frequency: Input the channel frequency which you desired.</p> <p>Network ID: You can select auto or 0.</p> <p>LCN: You can select on or off.</p> <p>Press “Done” enter the Scan setup interface, then press “Start” enter the Search Channel interface to scan for channels.</p> <ul style="list-style-type: none"> • Tuner Mode: Antenna <p>Scan Mode: You can select ATV, DTV or ATV+DTV.</p> <p>Channel: You can select All channels or Free channels.</p> <p>LCN: You can select on or off. (Only available in certain countries)</p> <p>Press “Done” enter the Scan setup interface, then press “Start” enter the Search Channel interface to scan for channels.</p> |
| <p>DTV Manual Scan</p> | <p>Allows you to make manual fine tuning adjustments of the channel under DTV mode.</p> <p>When the DTV Manual Scan screen appears, press the [< / >] buttons to select Antenna, Cable or Satellite and then press the [OK] button to commence the search of that channel. When the signal has been tuned, signal strength will be displayed on the screen.</p> |
| <p>ATV Manual Scan</p> | <p>Allows you to make manual fine tuning adjustments if the channel reception is poor under ATV mode.</p> <ul style="list-style-type: none"> • Tuner Mode: You can select Antenna or Cable. • Frequency: Input the channel frequency which you desired. • Picture System: Select the Color System: Auto, SECAM, PAL, NTSC. • Sound System: Select the sound system: B/G, D/K, L, L', M (L only for SECAM). |

Menu

| | |
|--------------------------|--|
| Channel Edit | <p>Display the channels: Click to check the need to display or hide channels.</p> <p>Edit the channels:</p> <ul style="list-style-type: none"> • Rename: Press the [YELLOW] button to rename the selected channels. • Filter: Press the [BLUE] button, the filter screen will pop up. Press the [OK] button to select Options, the channel list can be updated. <p>Edit the favorite channels:</p> <ul style="list-style-type: none"> • Add/delete: Press the [RED] button to add the selected channel to the favorite list or delete the channel from the favorite channel list. • Move: Press the [GREEN] button to move the selected channel. • Rename: Press the [YELLOW] button to rename the selected FAV list. • Filter: Press the [BLUE] button, the filter screen will pop up. Press the [OK] button to select Options, the channel list can be updated. |
| Channel list auto-update | This mode allows the users to automatically update the channel list. This option is available by setting the Channel List Update Switch to ON(I). |
| EPG Mark | Users can choose colors to indicate different genres in the EPG for quick and easy viewing. |
| Advanced Settings | <ul style="list-style-type: none"> • Export to USB: Allows you to export the current channel list to a USB storage device. • Import from USB: Allows you to import a previously exported channel list via a USB storage device. • Common Interface: View the CI card information. <p><input checked="" type="checkbox"/> NOTE:</p> <ul style="list-style-type: none"> • CI Card is not supported in all regions so this option may not be available. <ul style="list-style-type: none"> • CI Card PIN: Set the CI CAM pin. <p><input checked="" type="checkbox"/> NOTE</p> <ul style="list-style-type: none"> • CI Card is not supported in all regions so this option may not be available. <ul style="list-style-type: none"> • CAM Profile Search: Operator profile search. |

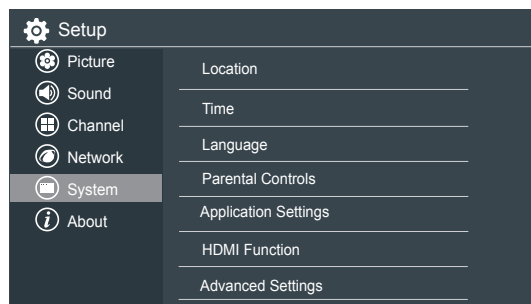
2.5 Using the Network Menu



| | |
|-------------------------------------|--|
| <p>Network Configuration</p> | <p>You can set the TV network by selecting Configuration and press the [OK] button to enter the submenu.</p> <ul style="list-style-type: none"> • Internet Connection: Turn the Internet connection On or Off. • Connection Type: Choose between a wired or wireless network connection to access the Internet. • Wireless Settings: Configure the advanced wireless network settings for the TV. • IP Setting: Configure the IP setting for your network connection. • Connection Test: Start a network connection test. |
| <p>Network Information</p> | <p>View information about your network connection.</p> |
| <p>Anyview Stream</p> | <p>Share video, music or other content from another device on to your TV screen.</p> |
| <p>TV Name</p> | <p>Choose a name for your TV. The name will be shown to devices that are available for sharing data.</p> |

Menu

2.6 Using the System Menu

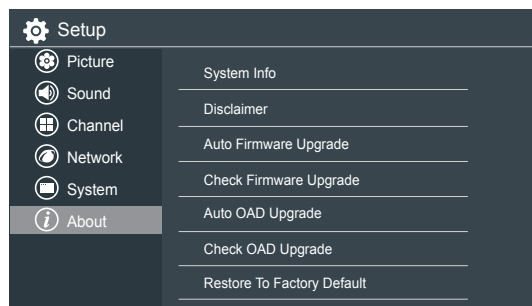


| | |
|--------------------------|--|
| Location | Choose the location from where you will watch your TV. |
| Time | <p>Set the current time based on your location.</p> <ul style="list-style-type: none"> • Time Zone: Select your time zone. <p>NOTES</p> <p>Some countries have only one time zone, this option does not allow adjustment.</p> <ul style="list-style-type: none"> • Time Format: Set the time to display in a 12 or 24-hour format. • Date/Time: Set the Date and Time. • Daylight Savings: Select whether to apply Daylight Savings Time to the TV. • Power On Timer: Enable the Power On Timer to Off, Once or Daily. • Power Off Timer: Enable the Sleep Timer to Off, Once or Daily. • Sleep Timer: Set the Sleep Timer to automatically turn the TV Off within a specified time: Off, 10 Minutes, 20 Minutes, 30 Minutes, 40 Minutes, 50 Minutes, 60 Minutes, 90 Minutes and 120 Minutes. |
| Language | Adjust the default language settings for the TV. |
| Parental Controls | <p>Turn On Parental Controls to block children from being able to view certain programs. The default password is 0000.</p> <ul style="list-style-type: none"> • Locks: Enable or disables all locks. All selected locks can be turned off for parental viewing and easily turned on again. • Block Time: Block certain channels and programs during certain periods of time. • Channel Block: Block programs by channels when you turn On the Parental Controls feature. • Program Block: Block certain programs when you turn On the Parental Controls feature. • Input Block : Block content from devices that are connected to certain TV ports. • Change PIN: Change your PIN that you use to access Parental Controls. If you want to change your parental control password, first enter the new password then enter the same password again. <p>NOTE</p> <p>If you forget your password, call the relevant customer service number for your country.</p> <ul style="list-style-type: none"> • Restore Parental Control Defaults: Restore Parental Controls back to the factory default setting. |

Menu

| | |
|-----------------------------|---|
| Application Settings | Only for built-in application models, this menu you can adjust the settings applied. |
| HDMI Function | <p>Configure how to control CEC-enabled devices with your TV remote.</p> <ul style="list-style-type: none">• CEC & MHL Control: Allow HDMI devices to control each other.• Device Auto Power Off: Automatically turn off HDMI CEC devices when the TV is turned off .• TV Auto Power On: Allow the TV to turn On with CEC-enabled devices.• Device Connect: Allow CEC-enabled devices to communicate with each other when connected through an HDMI cable.• CEC Device Lists: View a list of all CEC-enabled devices. <p>NOTE</p> <p>HDMI cables must be used to connect HDMI CEC-compatible devices to your TV. The HDMI CEC feature of the connected device must be turned on.</p> <p>If you connect an HDMI device that is not HDMI CEC-compatible, all the HDMI-CEC control features do not work.</p> <p>Depending on the connected HDMI device, the HDMI-CEC Control feature may not work.</p> |
| Advanced Settings | <p>Access the Advanced Settings menu.</p> <ul style="list-style-type: none">• Menu Timeout : Set the amount of time that you'd like for the menu to display : 10s , 20s , 30s , 60s or Off.• User Mode: Select your Mode Setting: Store Mode, Home Mode or Premium Mode.• PVR&T-Shift: Set the disk partition and storage space size where you want to store your PVR/T.shift contents.• Subtitle Mode: Allows you to select the subtitle mode.• Input Labels: Edit the input labels.• Setup Wizard: Use the Setup Wizard for instructions to help you set up your TV.• Auto Sleep: Select the auto sleep On or Off.• Power Indicator: Set the Power Indicator light to stay On or Off in standby mode. <p>NOTE</p> <p>The Power Indicator function is only applicable to the products which support it.</p> |

2.7 Using the About Menu

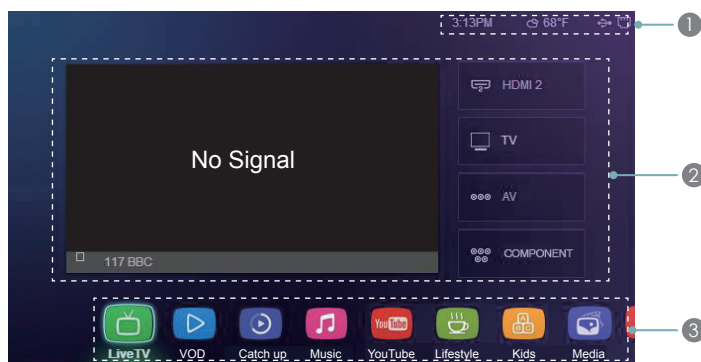


| | |
|-----------------------------------|--|
| System Info | View system information. |
| Disclaimer | Read the company Legal Disclaimer. |
| Auto Firmware Upgrade | Set your TV to automatically receive the latest firmware. |
| Check Firmware Upgrade | Check to ensure that your TV has received the latest firmware. |
| Auto OAD Upgrade | Set your TV to automatically receive the latest OAD. |
| Check OAD Upgrade | Check to ensure that your TV has received the latest OAD. |
| Restore To Factory Default | Restore your TV back to the factory default. |

3.1 Getting familiar with the Home screen

The simple design of the **Home** screen menu makes it easy to navigate. It serves as the central location to access **Live TV**, **VOD**, **Media** or **Apps** and inputs on the back of the TV that you've connected external devices to.

To access the **Home** screen, press the [🏠] button on your remote control and use the arrows buttons to make your selection.



The menu may vary slightly from the actual screen.

1 Indicators and Icons on the top of the Home screen

You can always view the current time in the top right corner of the **Home** screen.

If your TV is connected to the Internet through a wireless connection or an Ethernet cable, then an icon will display in the top right corner of the screen. This location makes it very convenient for you to determine if you still have Internet connectivity as you use the TV.

In addition, if you have connected a device (such as a thumb drive) to a USB port and your TV recognizes it, then a device icon will also display in the same area.

2 Names of icon images that appear on the side of the Home screen

Each time you access the **Home** screen, the icons for your inputs will display on the right side of the screen. Inputs that you have connected an external device to will be highlighted. Inputs that do not have an external device connected to are greyed out.

3 Names of icon images that appear on the bottom of the Home screen

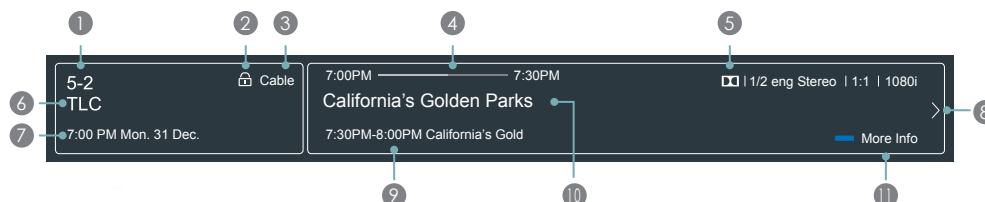
Click on the icon to enter the corresponding function.

3.2 LiveTV

To view broadcast programs, select the **Live TV** icon on the screen.

Viewing Channel information

As you use the [CH+/CH-] button on your remote to scroll through channels, an information banner appears on the top of the screen.



The information banner displays the following information:

- 1 Channel number
- 2 Lock status
- 3 Input
- 4 Start/Stop time progress bar of the current program
- 5 Show identification
- 6 Channel name
- 7 Current date and time
- 8 Prompt
- 9 Beginning and end time of the next program
- 10 Program name
- 11 More info

If you are watching a particular channel, you can also press the up arrow button of your remote to view channel information.

Viewing a channel list

After you have done an automatic channel scan (if you're using an Antenna) or are receiving your channels through a cable provider, you can view your list of channels by pressing [OK] on your remote. You will see the channel list display on the right side of the screen.

Creating a 'Favorites' list

To quickly access your most-watched channels, you can create a **'Favorites'** list.

To create your 'Favorites' list:

1. Press the [Settings] button on your remote.
2. Select **Channel > Channel Edit > FAV > Edit**
3. Using the up/down arrows of your remote, select a channel and press [RED].

A heart-shaped indicator will appear beside the channel as confirmation that it has been successfully added.

Viewing your 'Favorites' list

To view channels that you've added to your Favorites list simply press [OK] on your remote to call out the Channel list.

The channel list appears on the right side of the screen and heart-shaped icons are shown next to the channels that make up your Favorites list.

3.3 Media

Media is a central location for you to upload and view or listen to different types of content (for example, your photos, music and movies) through the following methods:

- A USB thumb drive or hard drive
- Your mobile phone, tablet or other personal device: You can stream movies, pictures and photos that are stored on your personal device and play or view the content on your TV.

When you connect your thumb drive or other personal device to the TV, the **TV** automatically detects it and displays a device icon in the top right corner of the screen.

Panels that appear on the Media screen

The **Media** screen displays three panels: **Picture**, **Video**, **Music**.

File formats that may be supported

NOTE: Due to differences in programming tools and other factors, some of the file formats that are listed may or may not be supported.

| Medium | File Format |
|---------|--------------------|
| Videos | TRP, M2TS, MKV |
| Picture | JPG, BMP, PNG, GIF |
| Music | MP3 |

Viewing Videos

While viewing videos you will see a number of icons appear at the bottom of the screen. You can use the [D-pad] button of your remote to select these icons that will control the video.

Browsing Content

To browse through content based on the type that you wish to access:

1. Navigate to the appropriate menu tab on the left side of the screen and select **Music**, **Video** or **Picture**. The library of items displays on the right side of the screen.
2. Navigate to the right side of the screen and click on the name of the folder that contains your content.
3. Make your selection to play or view the content.

If you want to close out of the Media center, then press the **[Exit]** button on your remote.

Viewing Pictures as a Slideshow

To view pictures in a slideshow:

1. Navigate to the **Pictures** tab.
2. Click on **Start the Slideshow**.

The slideshow of your pictures begins to play. To stop the slideshow, press the **[OK]** button on your remote and press it again to restart it.

An **Edit Picture** window displays.

3.4 Apps

Numerous factory-installed apps are available for you to choose from for your entertainment preferences.

'Hot Apps' section

The most popular apps appear at the top of the **Apps** Home screen in the 'Hot Apps' section. The second part of the screen (under the 'All apps' section) provides a collective view of them to browse and select from.

All Apps

Opera TV Store™

Opera TV Store contains cloud-based apps optimized for your TV. The apps range from Video, Music, Social Networking, Games and News Information.

To begin using Opera TV Store, you simply need to accept the End-User License Agreement and then select the app that you want to use.

Opera TV Browser

The Opera TV Browser allows you to surf the Internet on your TV and provides quick access to the Google™ search engine.

To view a website or search using the Opera TV Browser:

1. Using the Navigation buttons on your remote, navigate to the **Opera** web browser icon.
2. Press **[OK]** on your remote.
The browser window displays.
3. Using the navigation buttons on your remote, navigate up to the URL bar to place your cursor there.
4. Press **[OK]** on your remote to bring up the on-screen keyboard.
5. Type the website address or search term on the text field.
6. Press the **[Blue]** special function button towards the top of the remote (under the number pad).
The website address or search term you've typed populates in the URL bar window.
7. Select the forward arrow (to the right of the URL bar) and press **[OK]** on your remote to load the page or start the search.

Installing an App

Even though your TV has numerous factory-installed apps, there may be others that you'd like to download.

To install an app:

1. From the **Apps** screen, click on the **App Store** icon.
2. Search: Press the **[RED]** button to search what you'd like to download.
3. Install: Press the **[GREEN]** button to install an app.
4. Settings: Press the **[BLUE]** button to set the relevant information.

Removing an App

You can only delete apps that you've downloaded to the TV. Factory-installed apps can not be deleted.

To delete an app:

1. From the **Apps** screen, use the directional arrows on the navigation buttons of your remote to select the app that you want to remove.
2. Press the **[Red]** special function button underneath the numerical keypad of your remote.
A dialog message displays that asks if you're sure you want to remove the app.
3. Press **[OK]** on your remote.
A confirmation message displays and the icon is removed from the **Apps** list screen.

☒ **NOTE:** If an app is deleted, the information related to that app is also removed.

Moving App Icons around

Apps can not be moved around on the screen.

Customizing the name of your TV

If you have several TV's in your home then you may want to customize the name of your TV. By giving your TV a name, it will make it easier for you to identify it when connecting devices to the TV to stream or mirror content.

To customize the name of your TV:

1. Press the **[⚙️]** button on your remote to open the Quick Setup menu.
2. Go to **Full menu settings > Network > TV Name**.
3. Select **User Input** and press **[OK]** to bring up the keyboard and begin typing the name.
4. When you are finished, power off the TV and power it back on for the change to take effect.

☒ **NOTES**

- Hisense does not take responsibility for application services provided by third-party companies, for example their errors or termination.

3.5 Software updates for your TV

The software (also referred to as firmware) is part of what powers your TV. We will provide software updates to continuously enhance your TV and correct any issues that may impact your user experience; therefore, we recommend that you keep your TV connected to the Internet to automatically receive updates when they are available.

You can choose to receive updates automatically or check for software updates and install them manually.

Checking for updates automatically


In order for your TV to receive software notification updates automatically, it must be turned 'On' and connected to the Internet or broadcasting signal. The **Auto Firmware Upgrade / Auto OAD Upgrade** setting (which enables your TV to receive the updates automatically) is turned to 'Off' by factory default. If you turn the **Auto Upgrade** setting 'Off', it will disable this functionality of your TV.

NOTE

While your TV is on and checking for updates, the program that you are watching will not be interrupted.

Disabling the Auto Firmware / OAD Upgrade feature

If you do not want your TV to automatically check for updates and to receive notifications when they are available, then:

1. Using your remote, press the  button.
2. Go to **About > Auto Firmware Upgrade / Auto OAD Upgrade** and turn the feature 'Off'

By doing this, you will have to manually check to see if you have the latest software update.

Checking for the latest firmware / OAD

To manually check for the latest firmware:

1. Using your remote, press the  button.
2. Go to **About > Check Firmware Upgrade / Check OAD Upgrade**.

Manually installing software updates

If you have not kept your TV connected to the Internet / broadcasting signal or you turned the **Auto Firmware Upgrade / Auto OAD Upgrade** feature 'Off' then you'll need to manually install the software.

If the **Check Firmware** screen shows that an updated package is available, then:

1. From the Check Firmware submenu, select **Download upgrade pack**.
2. Follow the rest of the steps that display.

4.1 Troubleshooting

If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit Germany: www.hisense.de

Italy: www.hisenseitalia.it

Spain: www.hisense.es

UK: www.hisense.co.uk

Then click on Support, or contact the call centre listed in this manual.

| SYMPTOMS | POSSIBLE SOLUTIONS |
|---|--|
| No sound or picture. | <ul style="list-style-type: none"> ● Check if the power cord is plugged into a powered AC outlet. ● A power switch on the right side bottom edge of the front panel must be turned on. Press the [POWER] button in the remote control to activate the unit from Standby. |
| I have connected an external source to my TV and I get no picture and/or sound. | <ul style="list-style-type: none"> ● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal. |
| When I turn on my television, there is a few second delay before the picture appears. Is this normal? | Yes, this is normal. That is the TV searching for previous setting information and initializing the TV. |
| Picture is normal, but no sound. | <ul style="list-style-type: none"> ● Check the volume settings. ● Check if Mute mode is set "on". |
| Sound but no picture or black and white picture. | <ul style="list-style-type: none"> ● If black and white picture first unplug TV from AC outlet and re-plug after 60 seconds. ● Check that the Color is set to 50 or higher. ● Try different TV channels. |
| Sound and picture distorted or appear wavy. | <ul style="list-style-type: none"> ● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet. |
| Sound and picture is blurry or cuts out momentarily. | <ul style="list-style-type: none"> ● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel. |
| Horizontal/vertical stripe on picture or picture is shaking. | Check if there is interfering source nearby, such as appliance or electric tool. |
| The plastic cabinet makes a "clicking" type of sound. | "Click" sound can be caused when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK. |

Other Information

| | |
|---|---|
| Remote control does not work. | <ul style="list-style-type: none"> ● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed. |
| Smart Television with wireless network capability Wi-Fi fail to join a local network. | <ul style="list-style-type: none"> ● Configure the local wireless router or access point for WPA-PSK security before attempting to connect the TV to the Wi-Fi network. ● Follow instruction in the User Manual of the television to setup a wireless connection. |

NOTES

- This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.
- Some features of function (eg PIP, channel list, recently viewed) will be disabled when you watch 4K × 2K video.
- Images throughout this document are for illustrative purposes only and may differ from the actual product.

4.2 Service Contact

| Country | Hotline Number | Website |
|-----------------|---------------------|---------------------------|
| Austria | +43-0820420411 | www.eseco.at |
| Belgium | +32 (0)11 281780 | www.servilux.be |
| United Kingdom | +44 0345 610 4199 | www.hisense.co.uk |
| Denmark | +45-44503039 | www.elektronik-centret.dk |
| France | +33 1 76 49 05 05 | www.hisense.fr |
| Germany | +49-(0)0800 9000169 | www.elesco-europa.com |
| Hungary | +36-614772070 | www.aagservice.hu |
| Ireland | +44 28 3832 6119 | www.craigavon.tv |
| Italy | +39-800 321 999 | www.hisenseitalia.it |
| Norway | +47-815 81 333 | www.infocare.no |
| Spain | +34-902027419 | www.hisense.es |
| Sweden | +46 911 21 14 50 | www.assistkedjan.se |
| Switzerland | +41 (0) 900782400 | www.stagipc.ch |
| The Netherlands | +31 (0) 77-3060708 | www.technorep.nl |
| Portugal | +351 707 780 368 | www.hisense.es |

www.hisense-europe.com www.hisense.com/en

For more information, please contact the service company of Hisense in your country.

Recycling/Licenses

WEEE (Waste Electronic Electric Equipment) European Directive 2002/96/EC



This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Batteries



In accordance with the Battery Directive, used batteries should not be disposed of in the domestic waste. Dispose your batteries in the collection containers specific for this purpose in retail stores.

ROHS (Restriction of Hazardous Substance) European Directive 2011/65/EU



This European directive limits the use of dangerous and hazardous substances which are difficult to recycle.

This allows recycling easily the EEE and contributes to the safeguard of the environment. Substances included in this product match to the RoHS directive.



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