

Hisense



K660HK3D series

USER MANUAL

Before using the TV, Please read this manual thoroughly, retain it for future reference.

RSAG2.025.3714SS

! 条形码定位框，长 35mm，高度请根
! 据长度等比例缩放。该定位框不做印
! 刷处理。物料号：1125043

www.hisense.com
www.hismarttv.com
00852-27811789

ENGLISH
Anyview

Dear Hisense Customer,

We appreciate for your buying Hisense products, and believe that this wholly new product can bring you infinite pleasure. Before using the TV, Please read this manual thoroughly, retain it for future reference. Our company does not assume any liability for any accident arising from violation of the matters of attention and instruction on use in this manual.



This product involves high voltage. The user may not open the cabinet without authorization. Any person other than the repairer may not repair and replace parts without authorization to avoid shock and fire accidents.



Please clean and maintain the entire TV set with clean and soft cotton cloths, and repeated forcible cleanings are prohibited.

The screen may not be scribed, tapped, impacted with hard objects or rubbed with any grinding materials.

During placement and use, the product should be kept from water droplet and splash. In case of adverse weather e.g. thunderstorm, the power plug and cable TV (or outdoor antenna) plug shall be rapidly pulled off to avoid damage due to lightning strike.

The TV set is a Type II equipment, and used without requiring grounding.

Attention:

Still images can result in permanent damage to TV screen.

1. The time for displaying static images on the LCD TV screen may not exceed 2 hours, otherwise it will result in residual image on the screen. To avoid this, you need to lower the screen brightness and contrast when displaying the still images.
2. When viewing 4:3 format program over long time, different traces will be left on the left and right sides of the screen and the edge of margin. So the user is advised not to use such pattern over long time.
3. Long-time display of electronic games and computer static images may result in local residual image, and the screen may get burnt and result in residual image on the screen. To avoid this, you need to lower the screen brightness and contrast during use.

For any image residual shadow, local residual image and trace problems with the TV screen due to the said reasons, the display screen is not within the range of warranty.

Tips for energy saving:

1. Please choose AC power off (turn off the TV through the power switch) when not viewing TV program to minimize energy consumption.
2. Under condition that the view quality is not impacted, reduce the brightness of display screen to minimize the energy consumption of TV during use.

Check the Symbol



Triangle enclosing a lightning arrow is a warning symbol, reminding you of the high voltage danger in the product.



Triangle enclosing an exclamation mark is a warning symbol, reminding you of the important notes related to the product.

● General notes.

The correct way.

✘ The wrong way.

- > Next step.

Characteristics

□ 3D Display

Apply latest 3D process technology and new 3D display technology , giving you ultra -comfortable 3D visual enjoyment.

□ Cloud Share

Apply cloud technology, own cloud background resource, share platform and rich application, provide each Hisense TV user with great Internet video resource, and make it easy to share and broadcast user side.

□ Dual Operating System

□ 3D Play

The device has 3D play function, it can provide with virtual and perfect 3D scenes, reproducing shocking presence experiences.

□ 2D/3D Compatible Display

Use menu to turn on or turn off 3D function, switch between 2D and 3D freely.

□ 3D UI Interface

Use 3D UI technology to show stereoscopic dynamic menus, provide with you more magnificent and personal operating experience.

□ High Quality LED Backlight 3D Liquid Screen

New generation backlight source with the 4 cutting edges of magnificence,energy saving, environment protection and slimness.

□ Built-in WiFi wireless network function

Capable to connect to wireless router directly for surfing on Internet.

□ Small to Big/Big to Small

Capable to interconnect between TV and mobile, Hisense I ' TV, meet family entertainment sharing needs.

□ Family share

Easy to share picture, music and video display with extern mobile terminal device installed with Hisense multi - screen interact software.

□ Hisense Community

Hisense “envelope” special forum consists of how to use the device, experiences exchange, resource sharing, happiness interchange and enjoy deposit.

□ Great Application

The device carries Hisense App store and gfan market, provide magnitude Apps for users to download.

□ SRS TruSurround XT sound effect

Make TV audio more real and more shocking.

□ Multi-Mode Widescreen Display

Provide with multiple aspect ratio choice: full screen, normal, zoom in one, zoom in two, intelligence panorama, point to point.

□ Power Saving Mode

The device will enter sleep or standby mode after there is no input signal 15 minutes later, thus extending the device lifetime and saving power.

□ Multimedia Port

There are several ports for antenna, VGA, HDMI, Video, Component, USB, head - sets, network interface and SD card.



is trademarks registered by SRS Labs,Inc..SRS Labs,Inc.have approved the product to apply TruSurround XT technology.

Special Statement: (This statement is applicable throughout this user manual)

The pictures and instructions in the user manual are only for reference, and may be different from appearance of actual products. Please make the object as the standard.

User manual is only part of the application guidance instructions, and other applications can refer to the prompt in the application instructions.

Any change to quality upgrade, product design and specification will not be subject to any prior notice.

Specifications

Model		LTDN42K660HK3D	LTDN46K660HK3D	LTDN50K660HK3D
Dimension (W × H × D) (mm)	Without stand	960 × 556 × 49.5	1050 × 605 × 49.5	1121 × 649 × 51
	With stand	960 × 628 × 242	1050 × 677 × 266	1121 × 722 × 275
Weight (kg)	Without stand	14	18	19
	With stand	16.5	20	22.5
LCD Panel Minimum size (Diagonal)		106	116	126
Screen resolution		1920 × 1080	1920 × 1080	1920 × 1080
Power supply		~ 50/60Hz 160 - 240V	~ 50/60Hz 160 - 240V	~ 50/60Hz 160 - 240V
Power consumption		90W	95W	95W
Audio power		8W+8W	8W+8W	10W+10W
Standard		Q/0202RSR 591 - 2011		
Receiving systems	RF	PAL/I, DTMB		
	AV	PAL, NTSC		
Channel range		C1 ~ C57 Z1 ~ Z35		
Environmental conditions		Temperature 5 ~ 35 Humidity 20% ~ 80%RH Atmospheric pressure 86kPa ~ 106kPa		
Antenna input		75		
DTV specification		Frequency: 474MHz-874MHz Transmission channel bandwidth: 8MHz Modulation : 64QAM, 16QAM, 4QAM Frame Header: Pn945 Symbol Interleaving: 720 Code Rate: 0.4, 0.6 Video decode Format: H.264, MPEG-2 Audio decode Format: MPEG-1, AC-3		
Analogue Tune		VHF-L:48.25 ~ 168.25MHz VHF-H:175.25 ~ 463.25MHz UHF:471.25 ~ 863.25MHz		
Component Input		480i, 480p, 576i, 576p 720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/50Hz, 1080p/60Hz		

Below is the list of video format compatible:

Encapsulation	Video decoding			Audio decoding
	Type	Resolution (max)	Bit rate (max)	
.avi	Xvid	1280 × 720	8Mbps	AC3, MPEG1(Layer1,2,3)
.avi .mpg .ts	MPEG2	1920 × 1080	25Mbps	AC3, MPEG1(Layer1,2,3)
.ts .mkv .avi	H.264 HP	1920 × 1080	25Mbps	AC3, AAC, MPEG1(Layer1,2,3)
.avi .mpg .mov	MPEG4 ASP	1920 × 1080	8Mbps	AC3, MPEG1(Layer1,2,3)
.dat	MPEG1	720 × 576	1.5Mbps	MPEG1(Layer1,2,3)
.rm .rmvb	Real 8/9/10	1280 × 720	1.5Mbps	Cooker
.flv	H.264 HP	720 × 576	1.0Mbps	MPEG1(Layer1,2,3)

The level characteristics of terminals:

Interface name	Interface type	Input signal	Level	Impedance
AV input	Composite video	Video	1.0Vp-p	75
Component input	Analogue component video	Y	1.0Vp-p	75
		P _B , P _R	0.7Vp-p	75
VGA Input	VGA	R, G, B	0.7Vp-p	75
		H _s , V _s	TTL	High impedance
Audio input	Analogue audio	L, R	1Vrms	> 10 k

Important Safety Instructions

Alerts: Before using the product, please read the following clauses carefully.

Power and signal

- ⚠ When it is rainy, please pull out the power plug, CATV plug or outside antenna plug to avoid any possible damage to the TV set. Do not touch the inducting wire of the antenna.
- ⚠ If you do not use the product for a long time, please pull out the power plug.
- ⚠ If you find abnormal sound or smell, or there is sound but no image, please turn off the TV and pull out the plug immediately and contact the professional technicians.
- Please do not press the power line and signal line with other things.
- Please do not make the power outlet overloaded, or it will result in the danger of fire.
- Keep the power line away from high temperature and heating things.
- There are some changes for the outdoor antenna if it stays outside for a long time, which may affect the picture quality of the TV, so please check the antenna or replace it regularly.

Maintenance

- Do not clean this unit with volatile oils or dilution, which may cause cabinet deterioration or damage its coating surface.
- If the cabinet becomes dirty, please clean it with a soft cloth which has neutral detergent wet with water.
- In the case where such substances that are painted with paint or organic solvent and grease, etc. on the surface of the TV cabinet, the chemical reaction may be occurred in between the rubber cushion on the base and such substances hereinbefore, which may cause a slight corrosion on the surface of the TV cabinet. Therefore, users are recommended to firstly put a layer of protective material (such as pressboard or glass sheet, etc.) on the TV cabinet and then place the TV set.

LCD display instruction and maintenance

- ⚠ LCD display panel is the advanced S&T product, composed of several millions of Movie transistors inside. There can be dark or bright spots appearing on the panel. please note that this is a normal phenomenon, which does not affect the overall performance.

The incorrect maintenance will lead to damage to the LCD screen, which will affect the image effect, so you must pay attention to the following items:

- ⚠ Don't clean the screen with the organic solvents, such as alcohol, gasoline, etc. or chemical reagents, such as acid, alkali, etc.
- ⚠ Do not clean the screen with any kind of detergent.
- ⚠ After the TV is turned off, you, when necessary, can clean the screen with a clean and soft cotton cloth to properly safeguard it, but repeatedly cleaning with force is prohibited.
- Please do not directly touch the screen with your fingers, which may damage the screen surface. What's more, the oil and fat on the screen is difficult to remove.
- Please do not put pressure on the LCD, for the LCD screen is delicate and vulnerable.
- The hard object is not allowed to touch the LCD screen, for it is easily scratched.

Product

- Please do not try to decompose any part of the product, which may cause damage to the product as well as harm to the human. And it will also make you face the product warranty failure.
- Please do not remove the back cover. The adjust and check inside the unit should only be carried out by the professional technicians.

- Please do not cover or block the heat - radiating holes in order not to hamper the unit to give off heat.
- Please do not stick the sharp objects, metal, or liquid into or use them to touch the signal interface or heat - radiating holes in case of short circuit or damage to the product.

Method of placement

Even and steady occasions.

- × Places under direct sunshine or close to heating devices.
- × Places with poor ventilation.
- × Places close to furnace or places to which water, oil or smoke is easy to enter.
- × Places where ventilating openings are closed.
- × Unsteady places.
- × Places suffering from easy vibration.
- × Places of lot of dust or moist places.
- × Places of high temperatures.

Watching TV

- Watch TV at a proper distance, and the best distance is 3 to 4 times the length of the vertical distance of LCD.
- Keep the lighting indoors bright enough to read newspaper.
- The volume should be properly set in order not to disturb your neighbors, esp. when it is during the night.

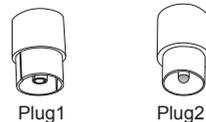
Others

- It is recommended that 2 or more people should load, unload and carry the unit; try to avoid any crash when carrying the unit, and protect the LCD screen in particular.
- If you touch the LCD screen when turning on or off the TV, you can feel the slight electric shock, which is the so-called electrostatic and does no harm to your health.

Antenna isolator

- As the difference between the power cord/ground cord and wired cable, it may cause the heat in the connection ports and may lead to serious accidents.
- The professional technicians will detect the situation when installing the TV set to decide whether to install the isolator, if installed, please never remove it.

How to install:



1. Connect the plug1 to cable signal.
2. Connect the plug2 to the antenna port in the rear of the TV. If the cable signal is connected with STB, please connect plug2 to the antenna input port in the rear of the STB.

NOTE

The isolator is not a accessory with the TV set. If there is heating for your signal cable, please contact with us and we will provide the service for detecting and installing.

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Accessories List

□ Please make sure the following items are included with your TV. If any item is missing, contact your dealer.



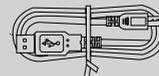
Manual Book x 1



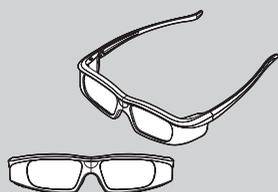
Warranty card x 1



Remote Control x 1



Charging cable for remote control x 1



3D Glasses x 2



AV Adapter x 2



HD Adapter x 1



Audio Adapter x 1

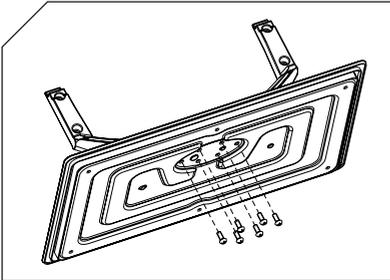


Screws (M5 x 12) x 10

Installing the Stand

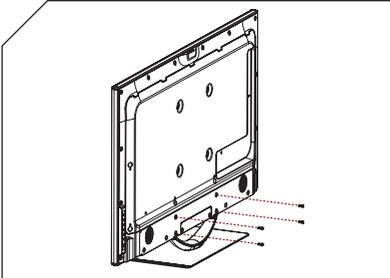
■ To install the base stand

1. Secure the stand column to the base plate with **the six** provided Screws. as figure below.



■ To install the stand

1. Lay the soft cushion on the table which can hold enough weight of the whole TV in case of causing damage to TV or person.
2. Put the TV on the cushion, with its back upwards and the LCD downwards.
3. To install the base stand, slide in the base stand until the screw holes are aligned. Secure the base stand to the TV with the four provided screws.



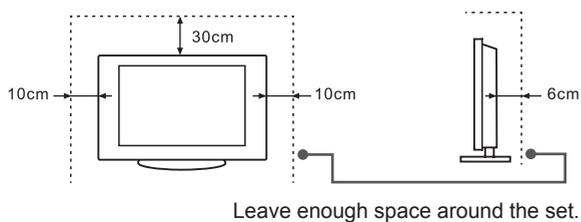
☑ NOTES

- Install the base stand with the provided screws in the accessory bag in case of causing damage to TV.

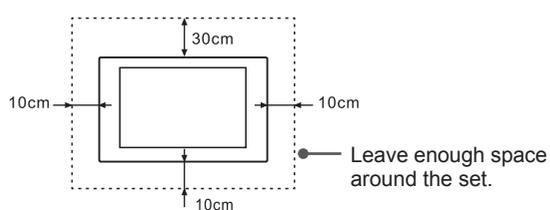
Securing the Installation Space

- Never cover or block the heat - radiating holes.
- Avoid operating the TV below 5 .
- Make sure that your TV has adequate air circulation. Allow enough space around the TV as shown below.

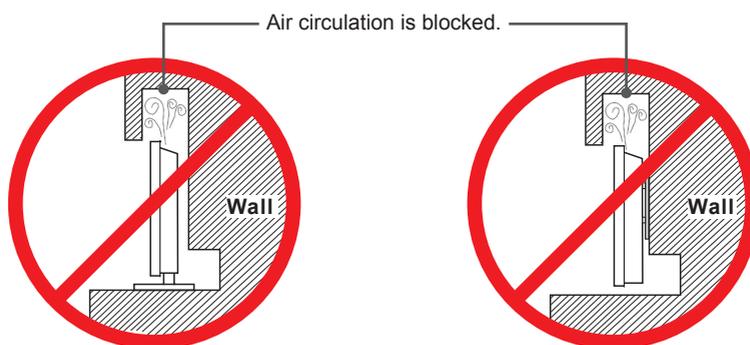
Install with stand:



Install on the wall:

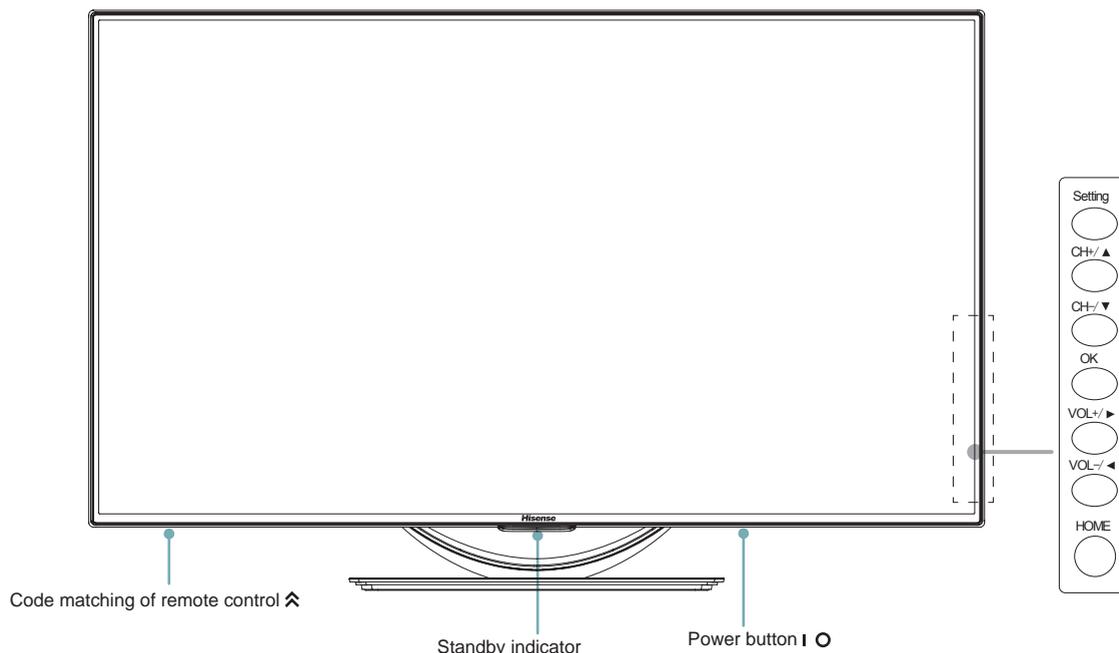


- Never install the TV set as follows:



Inadequate air circulation can lead to overheating of the TV and may cause damage to your TV or cause fire.

Control Panel



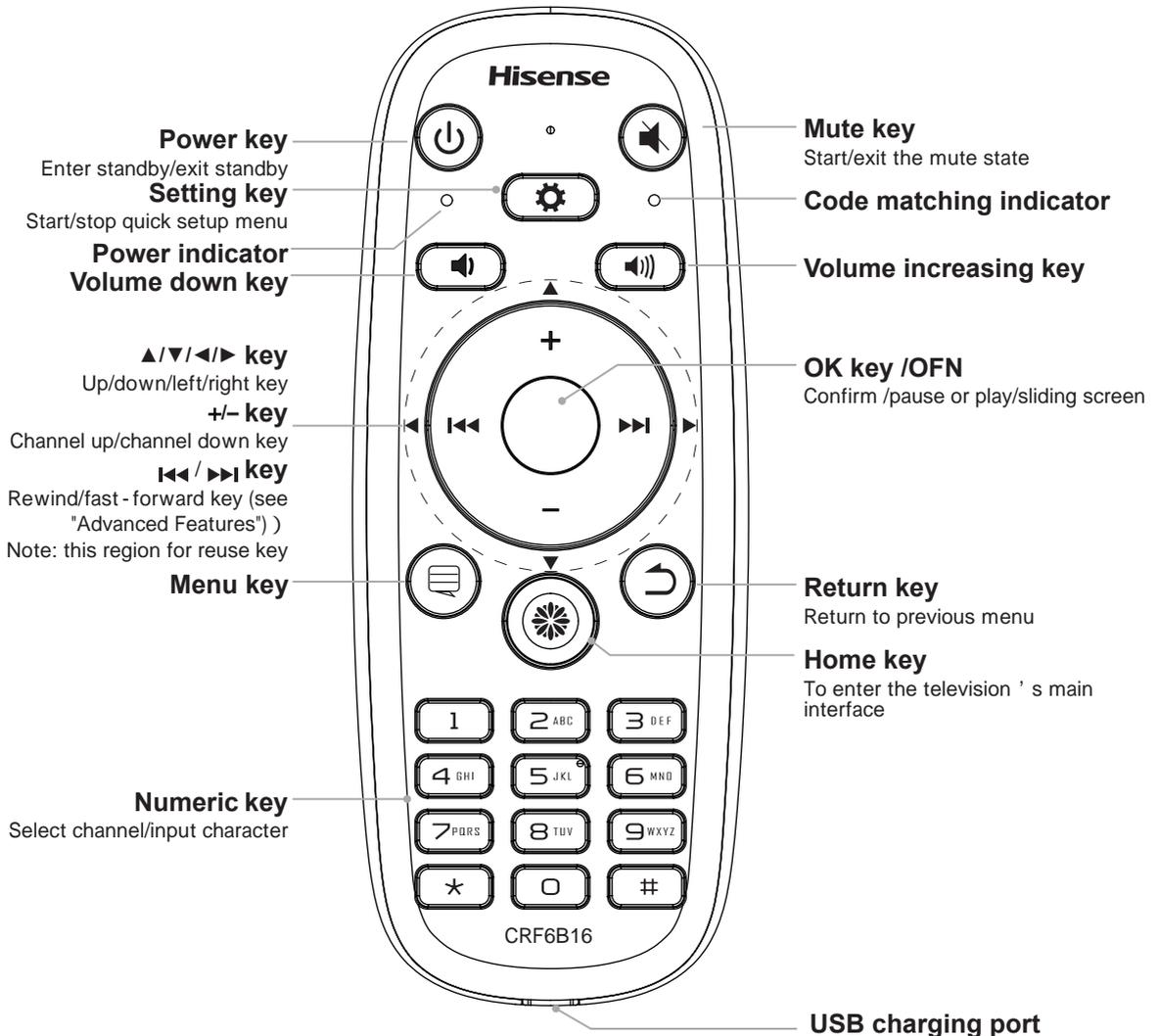
Item	Description	
Power button I O	Turn on or off the TV set.	
Standby indicator	Light up in standby mode.	
Code matching of remote control ⚡	Get the controller approach it, and match the code for remote control according to the operation method.(Please see the “ code matching ” of 'remote control')	
Side button	Setting	Open or set the menu.
	CH+/▲	Select the previous channel/Up key.
	CH-/▼	Select the next channel/Down key.
	VOL+/▶	Volume increasing/Right key
	VOL-/◀	Volume down/Left key
	OK	Confirm key
	HOME	enter the television ' s main interface ; Press the key to exit the standby mode .

NOTE

- Code matching of different models can be different, specifically it is based on to the position of symbol on the entity ⚡ (remote control code matching).
- In the home page and menu operation, you can use the arrow key to select, part of the interfaces and applications does not support the key for the time being.
- As a result of time consumption of power down of power supply and system processing, please don't switch on and off continuously and fastly, otherwise it may cause abnormal working.

Remote Control

CRF6B16 is a kind of multi-functional network remote controller for the network TV set as a complex of keyboard, air mouse and OFN touch panel. It is to control other functions through the RF (radio frequency) mode. RF receiving terminal (dongle) is embedded in TV set. The controller cannot be used before code matching. For the code matching operation 's detailed steps, please see "code matching" later.



Quantity description

When it is lack of electricity, the power indicator light (red) is shining, suggesting lack of electricity, please give timely charging of the battery, when the electricity shortage is serious, all indication lamps are off, and press any key, there will no any reaction.

Battery's charging method

The remote control is embedded with rechargeable lithium battery, while charging, please connect one end of power line to USB port 's external device, the other end is connected to the remote control 's USB port for charging. When charging, the power indicator light (red light) will be on for long,

after the completi on of charging, the power indicator lamp will be off.

Matters needing attention

- Because of the limitation of rechargeable battery charging cycle, after being used for a long time, if after the battery is fully charged, the time is obviously shortened, please call Hisense 's authorized service provider for replacement, the user cannot disassemble it automatically to replace the battery, if the battery replacement is improper, there will be danger of explosion.
- Range of charging voltage of remote control is DC 5V.

- When it is used for the first time, there is need to charge the device for 8 hours, then it will be charged as needed.
- If you do not use the remote control for long time or the battery runs out, please charge, the power indicator light (red) may be suspended for shining, during charging, please stop using.
- While charging or long time use of device, the surface may be heating, which is a normal phenomenon.
- If the remote control encounters malfunction, please re-match the code according to the explanation.

Remote Control

Indicator description

The remote control has three kinds of state indicating lamp: power indicator light (blue), the power indicator light (red), the code matching indicating lamp.

- Power indicator light (blue): in TV remote control, the remote control's power indicator light (blue) will be shining, when it is standby or the battery is removed, the indicator lamp will be off.
- Power indicator light (red): while charging, the light will be on continuously, and if there is electricity shortage, it will be shining.
- Code matching indicator: in the code matching, the code matching indicator light will be shining.

NOTE

In the corresponding mode, the corresponding indication light will be shining. After entering the standby state, all lights will be extinguished.

Code matching

While using the remote control for the first time, there is need to carry out the operation of the code matching. When the TV is on, make the remote control near the area within 5cm below the code matching portion of the TV, press and hold the "#" key on the remote control for more than 3 seconds, the remote control's power indicator (blue) will begin fast shiny (please release the "#" key, keep the remote control in the area of code matching), the remote control's power indicator (blue) and the code matching indicator will be slowly flashing for three times, which indicates that the operation is successful.

- After the success of code matching, the remote control will be back to the initial state of power.
- If the matching is not successful, the remote control's indicator light will be returned to normal shining, please repeat the operation again for re-matching the code.
- This machine can simultaneously support two remote control devices, the remote control matching the code for the first time is the main remote control; and the one second code matching is the auxiliary remote control, please use the "*" key for code matching operation.

NOTE

- The remote control's initial code matching will generally be completed by the service personnel when they get to your home for installing the TV set.
- If the remote control encounters an unknown error, the receiver's signal may probably be disturbed, at this time, please remove the interference, and conduct the code matching.
- In the standby mode, it will not support the code matching for the time being.

Key pressing

After the code matching is completed, press the remote control's keys for the corresponding operation. In the key operation, the power indicator light (blue) will be shining.

Standby description

When the remote control device is in a quiescent state, it will automatically enter a state of dormancy. After entering a state of dormancy, the light will be shut off, press any key to wake up the operation, after waking up, it will be back to the state before the standby state.

Air mouse

For the convenience of the user operation, the remote support supports the air mouse function.

- Switch on the air mouse: shake the remote control gently to activate the air mouse. At this point, you can hold the remote control with one hand in the vertical direction, through the wrist movement, you can control the mouse.
- Switch off the air mouse: press any direction key (up, down, left and right), you can stop the function.
- If the air mouse appears to drift phenomenon, please place the remote control statically to the standby state, then reuse it.

NOTE

- When the air mouse is in the running state, press the OK key with the left mouse button to achieve single-clicking operation.
- In the home page operation and browsing the webpage, you can use air mouse, and part of the interfaces and applications cannot be supported temporarily.

OFN

The remote control has OFN (touch panel), it is available for the fingers to slide the touch panel to control the television.

- You can achieve leftward sliding and rightward sliding on the OFN, and the TV screen will produce the corresponding sliding effect to achieve fast screen cutting.

NOTE

- Some application programs cannot support the sliding operation.
- When using OFN, please keep fingers dry, once it is wet, it may affect its sensitivity.

Others

- As the wireless device, the remote control device and receiver's signal may be under interference and shielding; the wireless card inserted in the USB port may interfere with the normal work of receiver; and the television wall may lead to attenuation of receiver's signal.
- When the battery is normal in electric quantity, if the remote control encounters an unknown error, the user can insert the reset hole at the bottom of back of remote control with a needle-shaped object and press for 1 ~ 2 seconds, the remote control can work normally.

Remote Control

▣ Setting key

Press the key to switch on/off the setting menu interface, the interface includes: Input Source, Saving Mode, 3D Mode, Sleep Timer, Audio/Language, Audio, Audio Track and Subtitle Language.

- After press the ▲/▼ key to select the function item, press the **OK** key to enter the corresponding interface for setting.

✔ NOTES

In the different application modes, the menu of setting key will vary, according to the specific functions supported by different application scenes, press the key for decision.

□ Input Source



- Select the current input signal in the manner of menu, the menu is to provide all signal input modes for the TV set, including: DTV, ATV, AV1, AV2, Component, HDMI1, HDMI2, HDMI3, VGA.
- After press the ▲ / ▼ key to select the input mode, press the **OK** key to confirm the operation.

✔ NOTES

If you want to appreciate the program from the external equipment, you should choose the connection mode corresponding to the device, and use the remote control to select the correct signal source. (See "Connections")

□ Saving Mode

Enter into the energy saving setting interface, you can choose different energy - saving mode, including: Bright, Soft, Auto, Dynamic and User. (See the part of PWSave in the basic operation)

□ 3D Mode

Enter the 3D Mode interface, you can set the 3D format. (See the 3D in the basic operation)

□ Sleep Timer

You can set the time for the television to automatically enter the standby state, by pressing ◀/▶ key, you select appropriate sleep mode, the sleep timing will prompt the time of the television to enter the standby mode, and the time mode is as follows: off - 10 minutes - 20 minutes ... - 240 minutes.

□ Audio/language

In a digital television signal, enter into the Audio /Language interface, you can set the television ' s language.

□ Audio

In analog television signal, if there is audio channel, switch to the audio.

□ Audio Track

In the digital television signal, enter into the Audio Track interface, you can choose different audio track, different audio track show a different sound effects

□ Subtitle Language

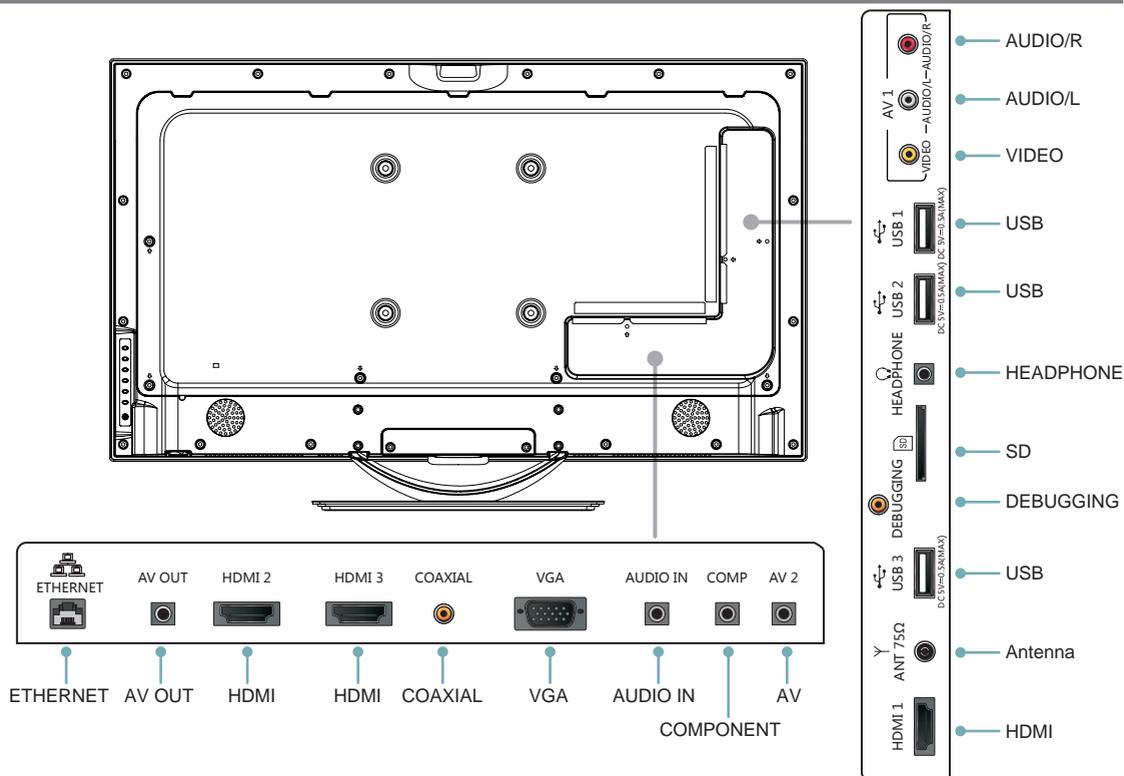
In the digital television signal, enter into the Subtitle Language interface, you can set the television subtitle language.

▣ Channel list

- In analog television signal, press the **OK** key to display all the channel lists.
- In the digital television signal, press the **OK** key to display the list of Common channel, All Channels and Favorite Channel.
- Press ▲/▼ key to select the channel; press the ◀/▶ key to select Common, All and Favorite Channels; press the **OK** key to enter the channel to watch the program.

Common Channels	All Channels	Favorite Channels
1	001	
2	002	
3	003	
4	004	
5	005	
6	006	

TV Terminal



NOTES

- Some external devices are in possible insert into this set. Please replace with appropriate external signal cable or increase the adapter to match with the port in such case.
- Illustrations for reference only.

Item	Description
Antenna	Connect an antenna or cable TV to this jack.
USB	This set has the USB standard interface, which can be connected to standard equipment with USB1.1, USB2.0 , including hard disk, U -disk and so on.
VGA	Connect to a PC or other devices with a VGA interface.
HDMI	HDMI (High - Definition Multimedia Interface) provides an uncompressed signal, all digital audio/video interface between this TV and any HDMI -device, such as a set -top box, Blu - ray disc player, and A/V receiver.
COMPONENT	Connect to a DVD player, Digital Set - Top - Box, or other devices with component video jacks.
ETHERNET	Connect to a router to surf the Internet. (For more information, see "Applications" -> "Net Settings")
AV OUT	Connect to external devices with audio / video input function, and transmit the video signals being played to these devices.
COAXIAL	Connect to external speakers. It can provide digital audio signal transmission.
HEADPHONE	Connect to headphone.
SD	Insert the SD card (The supported maximum capacity is 32G)
AV1/AV2	Connect to a DVD player, Digital Set - Top - Box, or other AV output devices.
AUDIO IN	Connect to audio output jack of external devices with HD signal or VGA jack.
DEBUGGING	Only for factory adjusting.

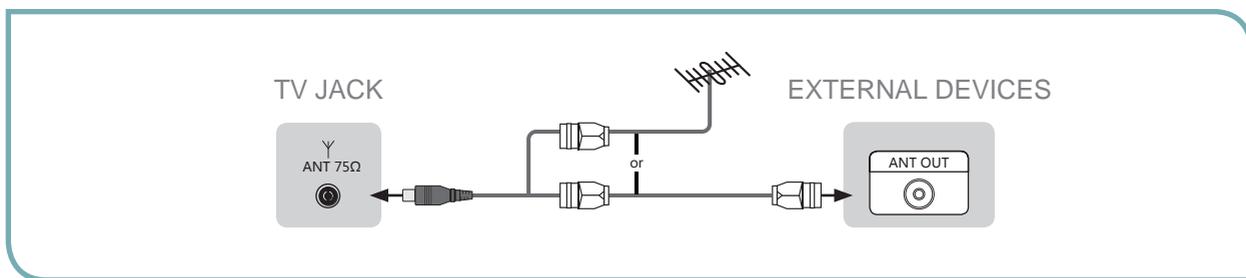
Connecting an Antenna or Cable

▣ Making Connections

- The TV must receive the signal from one of the following Sources: antenna or CATV network.
- Antenna should be placed away from roads, power distribution lines, neon signs and other places, so as to avoid disruption of television signals, this can prevent accidents from happening. In addition, as long-term exposure outside, antenna prone to degradation, if the image is not clear, you should first turn off the power, and then check the antenna.

☑ NOTES

- When using the outdoor antenna, please unplug the cord of the indoor antenna (if any) from the antenna terminal outlet.
- It is recommended that coaxial cable (75 Ω) be used to eliminate the interference caused by the mismatched impedance.
- The antenna cable should not be bound together with the power cord.
- When using the CATV or closed circuit TV, please insert the plug of the coaxial cable (75 Ω).



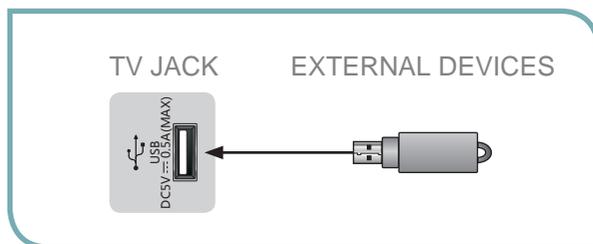
Connecting a USB Device

▣ Making Connections

- Connect to the USB jack in the TV with USB cable or directly USB port.

☑ WARNING

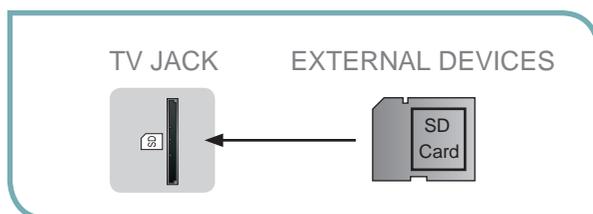
The total current should be no more than 1200mA when all the USB jacks are connected with external devices. Hisense warranty does not cover the TV damages and issues caused by the current overload. (The USB3.0 device is not support)



Connecting a SD Card

▣ Making Connections

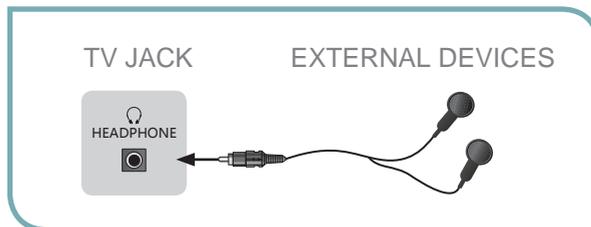
- Connect to the SD jack in the TV with SD card (According to illustration: keep the unfilled corner up and toward the jack).



Connecting a Headphone

■ Making Connections

- While the headphone is connected, the sound from the built-in speakers will be disabled.
- Headphones can be connected to the HEADPHONE output on the TV.



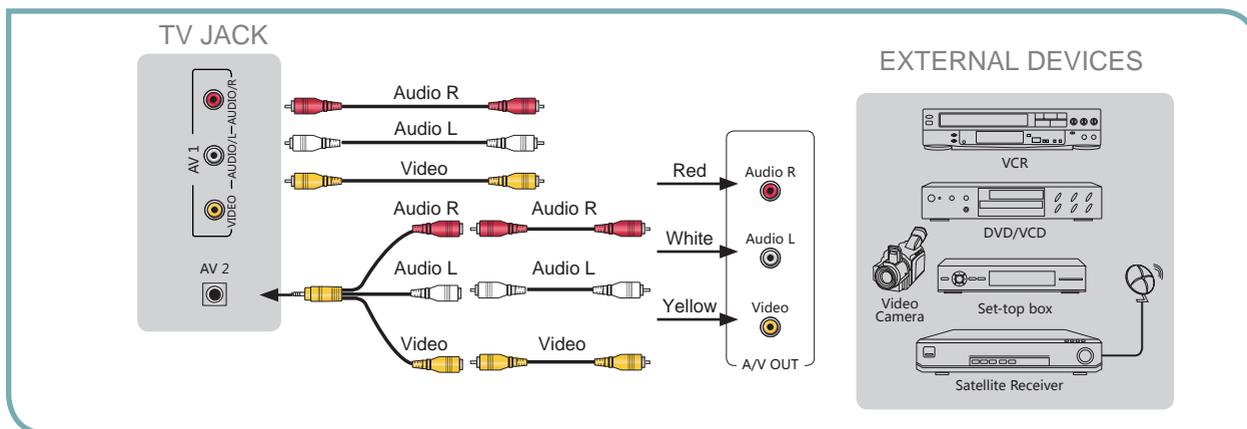
Connecting an A/V Device

■ With the AV Cable

- Connect the TV's AV1/AV2 jack to video output jack of the external A/V devices (VCD, DVD, VCR or Camcorder).
- Connect the TV's AV1/AV2 jack to audio output jacks (Audio Left/Right) of the external A/V devices.

✓ NOTE

AV2 signal, AUDIO/L and AUDIO/R signal are connected to external devices with AV Adapter provided.



■ With the Component Cable

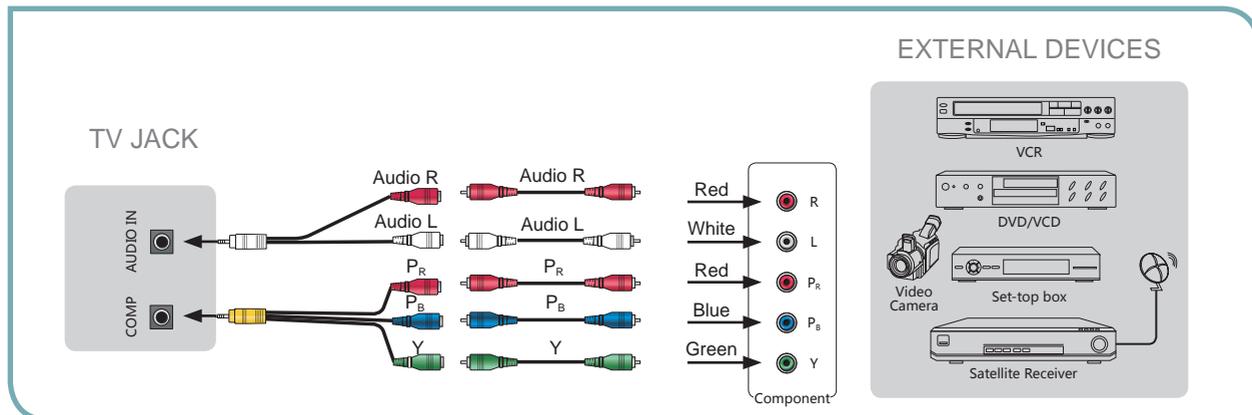
- Connect the TV's COMP jack to component video output jack (Y, P_B, P_R) of the external A/V devices (VCD, DVD, VCR or Camcorder).
- Connect the TV's AUDIO IN jack to audio output jacks (Audio Left/Right) of the external A/V devices.
- Component output jacks in VCD/DVD may be marked with Y, B-Y, R-Y or Y, C_B, C_R.

✓ NOTES

- The component video signal are connected to external devices with HD Adapter provided. Please make sure that the audio connects, otherwise the sound will be abnormal.
- The audio signal are connected to external devices with AV Adapter provided.
- For video format supported by component input, refer to the table.

Component Input
480i, 480p, 576i, 576p
720p/60Hz, 1080i/50Hz, 1080i/60Hz, 1080p/50Hz, 1080p/60Hz

Connections



Connecting an A/V Device

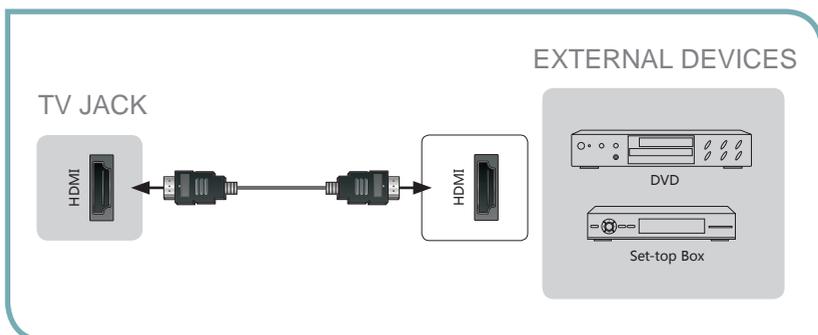
With the HDMI Cable

- The set has HDMI jack. It can be connected with other devices such as DVD, Set - top Box, AV Receiver, DTV and so on.
- The connection between sending and receiving equipment don't need separate audio cable.

NOTES

- Be sure the signal format are supported by HDMI when connected with other devices(see the table above). otherwise it may lead to the image distortion or non - image.
- Devices with lower version may be compatible supported by this machine, but it may not be able to achieve the best visual effects.
- Some lower versions of the HDMI cables may result in screen flashing or no display, it is proposed to use the latest version (HDMI 1.3) high - quality cables.
- If the external devices lack of HDCP or HDCP poorly designed, it may disturb the high - defination image presented.
- HDMI is compatible with DVI (Digital Visual Interface). In accordance with HDCP copy - protected requirement: Both HDMI and DVI should support HDCP to properly view video content. So make sure DVI in the external devices can support HDCP.

HDMI Input	
RGB/60Hz	640×480, 800×600, 1024×768
YUV/50Hz	576i, 576p, 720p, 1080i, 1080p
YUV/60Hz	480i, 480p, 720p, 1080i, 1080p



Connecting a PC

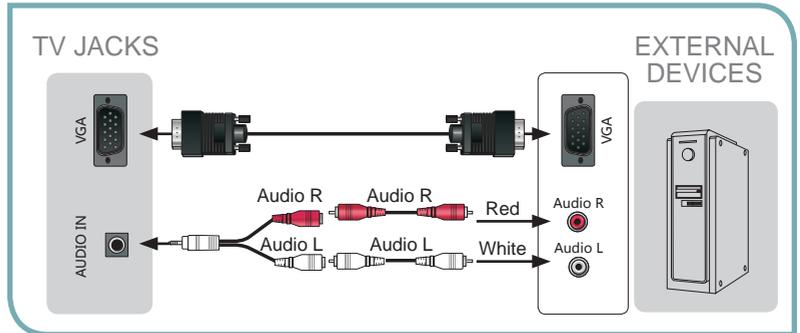
■ Making Connections

- The TV set has D-sub15 pin RGB computer standard jack, connect the TV VGA jack to the PC.
- Connect the TV's AUDIO IN jack to audio output jacks (Audio Left/Right) of PC.

☑ NOTES

- The VGA audio signal are conneted to PC with Audio Adapter provided. Please make sure that the audio connects, otherwise the sound will be abnormal.
- For video format supported by VGA input, refer to the table.

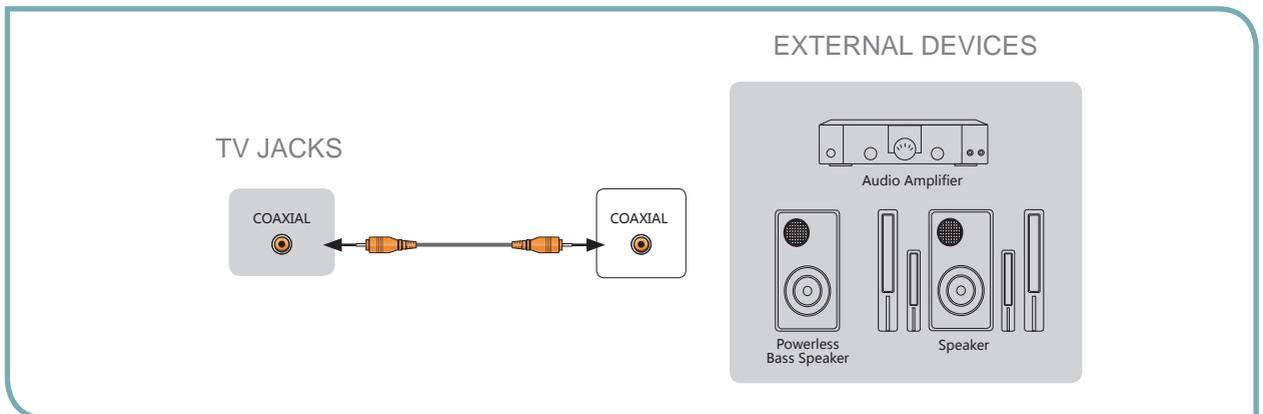
VGA Input		
Format	Resolution	Frequency
VGA	640 × 480	60Hz
SVGA	800 × 600	60Hz
XGA	1024 × 768	60Hz
SXGA	1280 × 1024	60Hz



Connecting an Ex-Speaker

■ Making Connections

- Use a coaxial cable to connect the TV's COAXIAL jack to the Audio Amplifier's coaxial jack, or use the AV Out Adapter to connect the TV's AV OUT jack to the Audio Amplifier's coaxial jack, then connect the Audio Amplifier to the external speaker.
- (COAXIAL output digital signal, AV OUT output analog signal.)
- When connect an external speaker, the TV sound send to other external speakers through the audio cable (recommend you for the Hisense Strip audio products), There's no sound from the built -in speaker. So make sure that the external speakers is switched on.
- Before connecting external speaker, please turn down the volume of the TV and the external speaker.



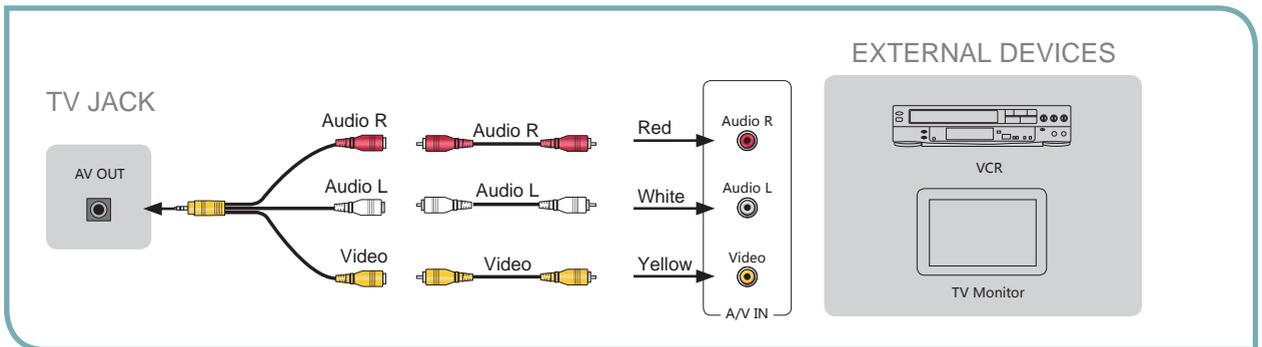
Connecting a TV Monitor or VCR

▣ Making Connections

- Connect the TV's AV OUT jack to video input jack of the external A/V devices (VCR or TV Monitor).
- Connect the TV's AV OUT jack to audio input jacks (Audio Left/Right) of the external A/V devices.

☑ NOTES

- The signal are connected to external devices with AV Adapter provided.
- When used as TV monitor, please read the Attention on still images of the TV carefully.



Selecting the Input Source

You should connect to the corresponding equipment and select the right input source with remote control when you want to watch the program from external devices. (For more information, see "Remote Control" -> Input Source button)

Input Jacks	Input Source
ANT	ATV
ANT	DTV
VGA/AUDIO IN (share input with COMP)	VGA
HDMI1/2/3	HDMI1/2/3
AV1	AV1
AV2	AV2
COPM/AUDIO IN (share input with VGA)	Component

Using the TV for the First Time

Turning the TV On or Off

1. Use an AC cord to connect the TV's Power input jack to AC outlet.
2. Press the **Power button**  on the TV set. When the TV is on, press the **Standby button**  on the remote control, and the TV will enter Standby mode. Press this button again, and you can watch TV normally.
3. Press the **Power button**  again to turn off the TV.

NOTES

- In order to save power consumption, set the TV in Standby mode if you do not watch TV for a short time, if you do not watch TV for a very long time, shut down the main power of the TV.
- If the TV is turned off, to turn it on again, please wait 5 seconds at least in case the abnormal phenomena occurred.

Changing the Channel and Volume

1. Press the **CH +/-**(or **CH +/▲**, **CH -/▼**) on the remote control / TV to change the channel.
2. Press the **▲/▼** (or **VOL+ /▶**, **VOL- /◀**) on the remote control / TV to adjust the volume.
3. Press **0~9 buttons** on the remote control directly to select the channel.

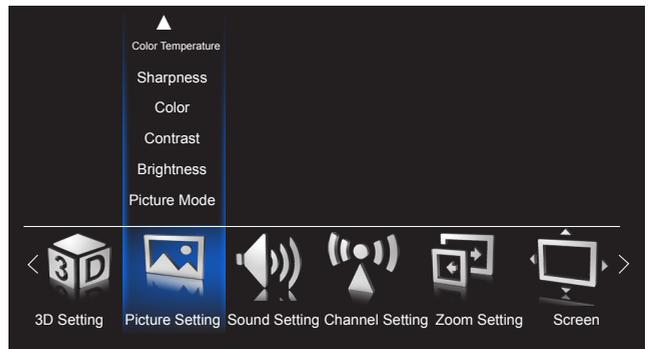
NOTE

Changing the channels can also be achieved by directly pressing the programme No. If you want to choose the programme No. from 1 ~ 9, press **numeric buttons** directly. If you want to select a programme No. that double-digit or three-figure, the time between twice pressing the numbers should not be more than 3 seconds.

Using the Menu

Menu is a easy interactive window to achieving most of the basic functions of the TV.

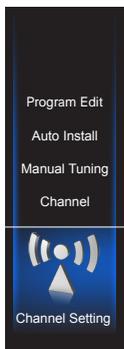
- 1 Press **Menu button** to open the main menu.
- 2 Press **▲/▼/◀/▶** to select a menu option, then press **OK** to enter the menu.
- 3 In each level of menu, you can select the following operations according to different menus:
 - Press **◀/▶** or **▲/▼** to select an item
 - Press **OK** to confirm operation or enter the submenu.
 - Press **◀/▶** to adjust the value
 - Press **▲/▼** to select the item
- 4 Press **Menu/Return button** to return back the previous menu, re-press **Menu button** to exit the menu.



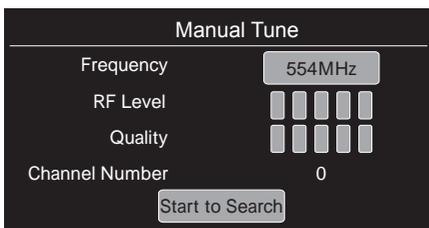
Channel

Search channel can be divided into in DTV signal and in ATV signal.

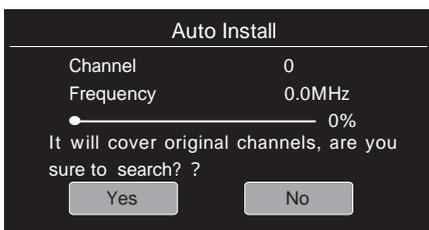
Search channel in DTV signal - Search for digital television signal before the Input Source is set up as "DTV". (For more information, see "Remote Control" -> "Input Source button")



- Channel:** Select the channel number.
- Manual:** You can press **Numeric key** to manually set the frequency, then press **Start to Search** to scan for channels that have signals.



- Auto Install:** Press **YES** to scan for Channels that have signals automatically and store the channels information in the channel list.

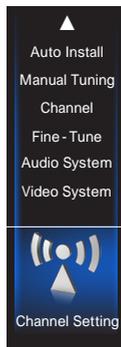


Program Edit:



- 1 **Functions:** Edit your TV programmes. You can add a channel into favorite list, skip a channel in DTV mode.
- 2 **Operations:** Press **Menu** to enter channel setting, then select program edit.
 - **Fav.:** Set the selected channel as one of the favorite programmes.
 - **Skip:** Skip the selected channel. To recover the skipped channel, select the icon and press **OK** to confirm.

Search channel in ATV signal - Search for analog television signal before the Input Source is set up as "ATV". (For more information, see "Remote Control" -> "Input Source button")



- Channel:** Select the channel number.
- Video System:** Set the video pattern for local channels, including PAL, NTSC, SECAM and AUTO
- Audio System:** Set the audio pattern for local channels, including BG, DK, M, I.
- Fine-Tune:** Adjust the current frequency band.
- Auto Install:** Automatically scan for Channels that have signals and store the channels information in the channel list.
- Manual Tuning:** Manually scan for channels in current frequency. Press **◀/▶/OK button** to search the channel.

Program Edit:



- 1 **Functions:** Edit your TV programmes. You can move the location of a channel, rename a channel, skip a channel in ATV mode.
- 2 **Operations:** Press **Menu** button to enter menu.
 - **Move:** Move the location of the selected channel. Press **/▼** to select the location to be inserted, and then press **OK** to confirm.
 - **Rename:** Change the name of the selected channel.
 - **Skip:** Skip the selected channel. To recover the skipped channel, select the icon and press **OK** to confirm.

Picture



- Picture Mode:** The picture modes including Standard, Stadium, Game, Cinema, Concert, Studio and User.
- Brightness:** Adjust the brightness of the picture.
- Contrast:** Adjust the contrast of the picture.
- Color:** Adjust the level of color in the picture.
- Sharpness:** Adjust the sharpness level for clearer picture or smoother picture.
- Color Temperature:** Adjusts the color components independently to achieve a warm or cool feeling.
- Tint:** Adjust flesh tones so they appear natural.

NOTE

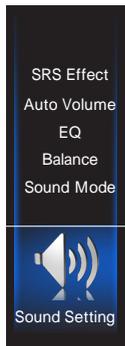
Adjust the Tint for NTSC signal reception in ATV/AV mode.

- 3DNR:** It can optimize the picture signal from time and space; reduce the outside noise interference and return the pure initial signal.

NOTE

If the TV has no signal, this option is unadjustable.

Sound



- Sound Mode:** The sound modes including Standard, Live1, Live2, Music, Theater, Speech and User.
- Balance:** Adjust the relative volume of the speakers in a multiple speaker system.
- EQ:** Adjust each sound component. Press ◀/▶ to select the frequency, then press ▲/▼ to adjust the values.
- Auto Volume:** According to different audio signal, it can adjust volume automatically.
- SRS Effect:** Enhance the surround sound and bass sound effects.

Screen

NOTES

- Only Display Area is available in HDMI.
- When no signal or DVI/RGB signal in HDMI, the Screen menu is not available.
- The Screen menu is not available in 3D mode.
- Phase/Clock/Auto Adjust is only available in VGA.

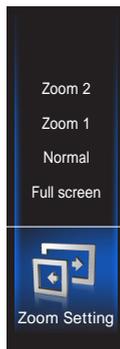


- H.Position:** Adjust the horizontal position of image.
- V.Position:** Adjust the vertical position of image.
- H Size:** Adjust the horizontal amplitude of image.
- V Size:** Adjust the vertical amplitude of image.
- Display Area:** Control the repetition rate of HDMI, including Full and Zoom.
- Phase:** Control the signal phase, which can improve focus clarity and image stability.
- Clock:** Control the signal clock, which can improve the image stability.
- Auto Adjust:** Adjust the position and size of picture automatically.

NOTE

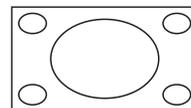
H.Position/V.Position/H Size/V Size menus are not available in VGA mode.

Zoom

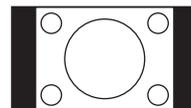


- Functions:** Press **Zoom button** to set the zoom mode: Full Screen, Normal, Zoom1, Zoom2, Smart Zoom and Dot To Dot.

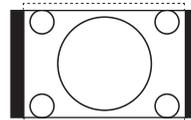
- **Full screen:** This selection will allow you to adjust the picture horizontally, in linear proportion, to fill the entire screen.



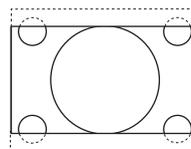
- **Normal:** This selection will allow you to view a picture with an original 4:3 aspect ratio, black bars will appear on both the left and right of the screen.



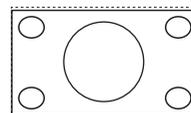
- **Zoom 1:** This selection will allow you to view a 16:9 picture with a 14:9 aspect ratio. Black bars will appear on both the left and right of the screen and clips off part from the top and bottom.



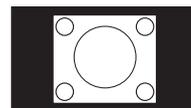
- **Zoom 2:** This selection will allow you to view the picture without any alteration, while filling the entire screen. However, the top and bottom of the picture will be cropped.



- **Smart Zoom:** This selection is similar to 16:9 mode, but shows more of the horizontal sides and clips off a little from the top and bottom.



- **Dot To Dot:** This selection will detect the resolution of the HDMI signal and display an image with the same number of pixels.



NOTE

The options of the Zoom varies with different source.

3D

To enjoy the 3D effect, the TV set needs to use in combination with the Hisense special PR 3D glasses

NOTES

1. Some picture functions may not be available in 3D mode, such as Energy Setting/Zoom Setting/Screen is not applicable In the 3D mode.
2. If lie on the side, there may not be 3D effect.
3. The set supports automatic identification of common 3D format in HDMI1.4. Other 3D signal format needs manual setup.

NOTE

According to signal, the TV set can select the corresponding format.



- 3D Mode:** You can set the 3D format.
 - **Off:** When viewing 2D video, this option must be selected.
 - **Auto:** Automatically identify 3D mode.
 - **2D to 3D:** The TV can convert ordinary 2D program to 3D program. When wearing 3D glasses, you can view the 3D video effect.
 - **L-R:** Select left-right 3D format according to video source signal.
 - **T-B:** Select top-bottom 3D format according to video source signal.
- LR Swap:** To different signal, you may feel dizzy. Make left/right eyes exchange on 3D video source signals.
- Deep:** Adjust the focus depth hierarchy sense of picture in 3D mode.
- Convergence:** Adjust the presence effect of picture in 3D mode.
- 3D to 2D:** If the option is set up as On, the TV can display all 3D format signals in 2D form.

NOTES

- LR Swap, Deep and Convergence is unavailable in HDMI1.4 format.
- Convergence is unavailable in 3D mode.
- LR Swap, Deep and Convergence is unavailable when 3D switch is Off or "3D to 2D" is enable.

Before you or your child uses 3D function, please read the following alarm:

WARNING

1. Watching TV at short range for a long time may weaken your eyesight.
2. Watch TV by wearing active 3D spectacle for a long time may cause headache or fatigue. If you feel headache, tired or dizzy, please stop watching TV and have a rest.
3. Some 3D pictures may be stimulating and frightening the looker-on. The pregnant, young child, epileptic and unhealthy people are suggested avoiding using 3D function of this device.
4. The unhealthy people, sleep insufficient people or drinker are suggested not watching 3D picture.
5. When watching 3D picture, please ensure the safety of the surrounding environment for the design principle of this product may make you feel personally on the scene. Please don't use this product between open staircases, cable wires, balcony or near other matters which may be turned over, knocked into, knocked down, broken or falling down. If you are frightened or think 3D image is true, it may make you crash the matters nearby or injured when you are trying moving your body.
6. Except watching 3D video, please don't apply active spectacle in other usages. Wearing active 3D spectacle (such as common glasses, sunglasses and vision protective glasses) in other situations may damage your body or reduce your eyesight.
7. The video frequency making you immersed may exert potential negative influence on the users including motility disorders, orientation obstacle, eye fatigue and decreased stature stability. Please have a rest frequently to reduce the liability of these influences. If the above any symptom is occurring, please stop using this device at once and consider continuing to use after the symptom is decreased at least for 30 minutes.
8. The ideal viewing distance shall be above 3 times over the height of screen.
9. Photosensitive epilepsy alarm and other healthy risks.
 - Some watcher may catch unexpected epilepsy or stroke when they are watching some flicker image or light of video picture or video games. If you have family medical history of epilepsy or stroke, please consult the medical experts before using 3D functions.
 - Even those persons without personal or family medical history of epilepsy or stroke may have the possibility to induce undiagnosed photosensitive epilepsy.
 - If any one of the following symptoms is occurring, please stop watching and have a rest at once. (If the symptom is continued, please consult the 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.

The parents shall watch and consult whether the child has the above symptoms for the children and youth may be easier to have those symptoms than the adults.
10. When the children or youth are watching TV, the parents shall pay special attention that children below 6 years old shall not watch 3D video.

EPG

Functions: You will get to know the programs of different channels by using this menu, then you can book these programs.

NOTE

The E-program guide information is provided by the broadcasting company. Because the broadcasting information is provided on the specified channel, the program entries are possibly displayed as null or the date fails to be displayed. The display will automatically renew when new information are available for use.



- Enter the EPG:** In DTV, You can select the EPG option of main menu to enter this menu.
- Book Manage:** You can browse and manage the reserved program in this menu.
- Program Weekly:** Browse the TV program in the day or the next six day.
- Interface Instructions:**



- 1 Channel List
- 2 Program List
- 3 Date List: Select day of the week, the day's program information will display on the Program List.

Operations:

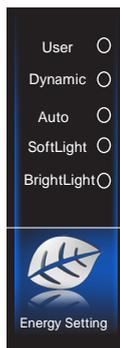
- **Select Channel:** press ▲/▼ to select the Channel.
- **Select Program:** Press ► to select the Program List, press ▲/▼ to select the Program.
- **Select the day:** After entering program list, Press ◀/▶ to select the day, and then press **Return** to return channel list.

- **Book:** Select the program then press **OK** to display the Book menu. Select then Book option then press **OK** to confirm.
- **Book Manage:** Press **OK** to display the Book menu after selected program. Select Book Manage then press **OK** to enter the Book Manage menu. You can check and manage the reserved program in this menu.
- **Return:** Complete booking or reservation management, select the icon, press the **OK** or **Return** to return to the program.

NOTE

The only way to booking the program successfully is the start time of the program you have booked must be later than the Current time. The same time period can only respond to one program. When booking conflicts, it responds the highest priority program, according to the priority you have chosen.

Energy



- Bright Light:** Maximum backlight brightness, with optimum picture expression.
- Soft Light:** Minimum backlight brightness, suitable for use in night time.
- Auto:** The backlight brightness increases with the increase of picture image brightness. The backlight brightness decreases with the decrease of picture image brightness.
- Dynamic:** The backlight brightness decreases with the increase of picture image brightness. The backlight brightness increases with the decrease of picture image brightness.
- User:** The function enables any adjustment of backlight brightness

Using the Home Menu

Illustrations for reference only.

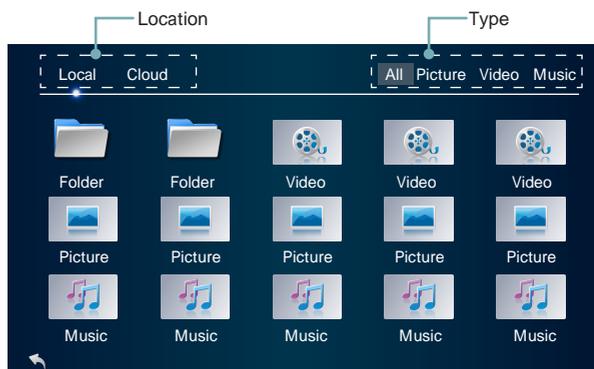


- **Functions:** You can enter the TV via Home Menu, and all other functions and applications.
- **Interface Instructions:**
 - ① The TV desktop consists of 5 screens. Screen 3 is the default screen. Press ◀/▶ to switch to other screens. The white point indicates the current screen.
 - ② The TV window displays the contents in the current source.
 - ③ Applications, including Browser, Media, Hi Market Hicircle, and etc.

NOTE

Recommend you to download applications from the Hi Market, as any problem with applications at stores not designated by Hisense is not in the scope of warranty.

Media



- **Functions:** You can enjoy video, picture or music in USB devices or Cloud.
- **Interface Instructions:** You will enter the interface when selecting video, picture or music applications and pressing **OK** to confirm.
 - **Select the DMP location:** Press ▲/▼/◀/▶ to select Local or Cloud, then press **OK** to confirm.
 - **Select the DMP type:** Press ▲/▼/◀/▶ to select the multimedia type, then press **OK** to confirm.

Menu is an easy interactive window to achieving most of the applications of the TV.

- **App Management:** You can move or delete app icons in screen 4 and screen 5. (For more information of add App to screen, see "Applications")
 In screen 4 or screen 5, press ▲ / ▼ / ◀ / ▶ to select the icon, press **Menu** to display the OSD, and select the option and then press **OK** to confirm.
 - **Move to another:** You can change the location of selected icon within screen 4 and screen 5.
 - **Delete:** Delete the selected icon.

NOTE

You can find the deleted icons in App.

Advanced Features

Music

□ **Functions:** You can enjoy the music in external devices or Cloud by this tool.

□ **Operations:**

- **Enter the Music:** You can click the music files in the media.
- **Ticked:** Press ► to tick the music, and re-press ► to undo it.
- **Play/Pause:** After selection, press **OK** to play music, and re-press **OK** to pause music. Press **Return** to exit this application.

□ **Menu Instructions:** Press **Menu** to display the menu.



- 1 **Loop mode:** Adjust the loop mode of music, including all loop, single loop and marked loop. Marked loop refers to repeat of all ticked songs.
- 2 **Sound mode:** You can achieve the specific sound effect by setting sound mode.
- 3 **Previous:** Play previous music.
- 4 **Play/Pause:** Play or pause music.
- 5 **Next:** Play next music.
- 6 **Cloud:** You can upload music to Cloud. (The uploaded file bytes is limited, if it exceeds the limit, the OSD will prompt upload failed.)
- 7 **Details:** View the music information.

Picture

□ **Functions:** You can enjoy the picture in external devices or Cloud by this tool.

□ **Operations:**

- **Enter the Picture:** You can click the picture files in the media.

□ **Menu Instructions:** Press **Menu** to display the menu.



- 1 **Enlarge:** Enlarge the size of picture.
- 2 **Shrink:** Reduce the size of picture.
- 3 **Setting:** Adjust the BGD Music settings and Playback Speed.
- 4 **Pre:** Play previous picture.
- 5 **Play/Pause:** When playing pictures, press ◀/▶ to select the icon on the control bar, press **OK** to set auto play and manual play control on slides.

6 **Next:** Play next picture.

7 **Rotate:** Allows the picture to rotate in clockwise.

8 **Cloud:** You can upload pictures to Cloud. (The uploaded file bytes is limited, if it exceeds the limit, the OSD will prompt upload failed.)

9 **Details:** View the picture information.

Video

□ **Functions:** You can enjoy the video in external devices or Cloud by this tool.

□ **Operations:**

- **Enter the Video:** You can click the video files in the media.

□ **Menu Instructions:** Press **Menu** to display the menu.



- 1 **Backward:** After selection, press **OK** repeatedly to select different reverse rate.
- 2 **Forward:** After selection, press **OK** repeatedly to select different forward rate.
- 3 **Setting:** Press ▲/▼ to select an item, then press ◀/▶ to adjust the option. After adjustment, press **Return** to exit the menu. You can set 3D Setting, Picture Mode, Sound Mode in the submenu.
- 4 **Pre:** Play previous video.
- 5 **Play/Pause:** Play or pause video.
- 6 **Next:** Play next video.
- 7 **Play List:** Press ▲/▼ to select the video name. Press **OK** to confirm.
- 8 **Point Play:** Press ◀/▶ to move the cursor. Press ▲/▼ to adjust time. After adjustment, click **OK** icon, then the video skips to the time point you specify to play.
- 9 **Cloud:** You can upload video to Cloud. (The uploaded file bytes is limited, if it exceeds the limit, the OSD will prompt upload failed.)
- 10 **Information:** View the video information.

NOTES

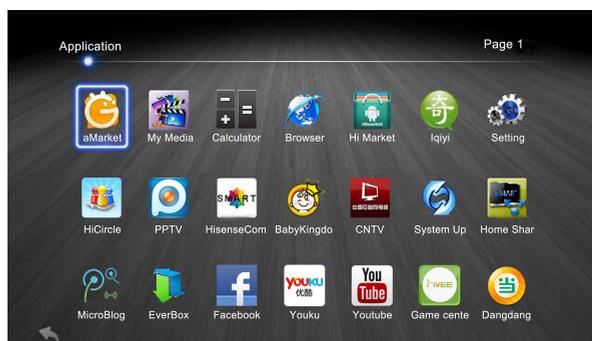
- If you use the USB 1.1 device to play the video, the image may not be very smooth. So you'd better use the USB 2.0 device.
- We can not promise that this set would support all the formats listed above, as the programming tools are different. (For more information, see "Specifications")
- USB3.0 device is not supported.

NOTES

1. Most of the hard disks/U-disks are supported by the USB port of the set. If the disks can not be identified, it is the problem of the devices drivers but nothing with the TV set.
2. The USB port supports the voltage of 5V and the maximum current of 500mA. Some storage devices are different from standard USB protocols, so it will affect the correct identification for the digital multimedia player, which is normal.
3. The time digital media player spends to read the information is different from the devices and the storage capacity. It is normal that there may be a temporary slow speed to read the information.
4. Do not plug in or pull out the USB devices during reading the files, or this may damage your system files.
5. Don't press other buttons repeatedly when the system is processing your last operation, otherwise it will affect the processing speed.
6. Multi-system works on this set. As the difference of the devices' compatibility and stability, the picture may freeze or the function may not work during reading the files.
7. As the system is constantly upgraded, there may be some difference between the real situation and the instruction without prior notice.
8. When the system can not work for a long time or there is a prompt for the abnormal system, the current system may be in an abnormal operation condition. You'd better retry the current operation or restart the TV.
9. If the hard disk can't be identified, try to supply the disk with external power or replace with the standard USB2.0 cable shorter than 65 centimeters.
10. When user uses USB devices, we recommend that the total partition number of all devices does not exceed 11, otherwise the information on partition is possibly not to display.

Applications

Illustrations for reference only.



- Functions:** You can find all the applications in the TV from this interface.
- Operations:**
 - **Enter the App:** You can click the App icon on the desktop.
 - **Basic Operations:** Press **◀/▶** to turn the previous page or next page. Press **Home** or **Return** to exit App.

NOTE

Certain application only supports mouse operation.

- **Add to screen 4/5:** You can add the selected application icon to screen 4/5 of the desk. Press **▲/▼/◀/▶** to select an icon, press **Menu** to display OSD, and select the option and then press **OK** to confirm.
- **Share:** You can share the selected application. Press **▲/▼/◀/▶** to select an icon, press **Menu** to display OSD, and select the share option and then press **OK** to confirm.

Setting

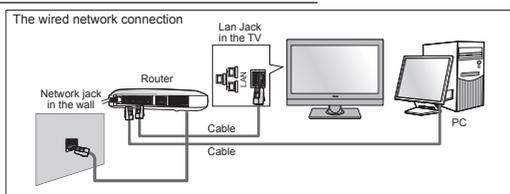


□ **Functions:** You can set the TV system.

□ **Net Setting:** You can set the TV network.

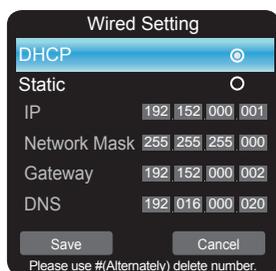
- **Wired Setting:** There are two options: DHCP and Static.

The wired network connection



- **DHCP:** The network address will be searched automatically (router set up as Allow Auto Access) and the address will display on the following options.
- **Static:** You should input the network address by manual.

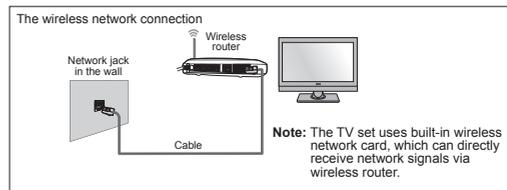
Press ▲/▼ to select the address location, press the corresponding **Numeric button** on the remote control to manually enter the network address. After entering, click Save icon to save the information entered by the user.



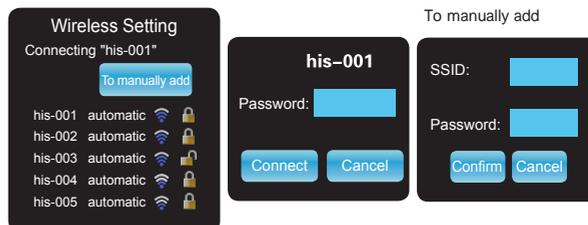
NOTES

- When using wired network, make sure the network cable is in good condition and connected to the TV's LAN jack. Any proxy server is not supported.
- The set can not support the ADSL dial-up by inputting the user name and password.
- **Wireless Setting:** Auto search or manually add wireless network resource in current area.

The wireless network connection



- Enter Wireless Setting interface, press ▲/▼ to choose one wireless network, press **OK** to confirm. Then an input password OSD will pop up, if the network is encrypted, please input password first, after selecting "Connect" icon, press **OK** to connect; otherwise, select "Connect" icon and press **OK** to connect directly.
- **To manually add:** For networks without broadcasting SSID in current area, you can add them by manual. Select "To manually add" icon and press **OK**, you will be prompted with inputting SSID and password, please select Confirm icon and then press **OK**, then manually added network will display in the wireless network list.
- **Added network management:** Connect or delete added wireless network. Concrete operation method: Press ▲/▼/◀/▶ to choose wireless network and then press **OK**, you can connect or delete wireless network after inputting password.



- **WLAN Direct:** Enter WLAN Direct menu, you can set following items: SoftAp and Wi-Fi Direct. Select "Off" icon will close this function. Select "SoftAp" will open this function. If the set has already connected to the network (wired/wireless), other devices supporting Wi-Fi function can connect Internet using this function. The default SSID is set randomly, and the password is "12345678", you can modify SSID and password by "Modify" icon (Modify native SSID and password is recommended, or else others may access network resource by default SSID and password). Select "Wi-Fi Direct", click "Search" icon search devices supporting Wi-Fi direct connection, device found will display in the list. Press ▲/▼ to choose one device, press **OK** will prompt confirm connection interface, please select "Yes" to connect.
- **Net State:** Display current network connection information.
- **Network Test:** Connect website and test network status. If manually input website to test, you can press **OK** in website input box to open soft keyboard, click Test icon to test after input.

- ❑ **Language Keyboard:** Set the OSD language and keyboard input method.
- ❑ **TV Channel:** Signal input source set up wizard. Click TV Channel icon on the desktop to enter corresponding input source after selecting input source.
- ❑ **Applications:** Includes manage applications and running services. You can stop or uninstall download applications or terminate running application services.
- ❑ **City Setting:** Display weather forecast of selected city.
- ❑ **Wallpaper:** You can enter this menu to change wallpaper.
- ❑ **Voice Setting:** Set Loudspeakers and Fiber Optic.
 - **Loudspeakers:** Adjust the method for audio output.

NOTE

When the speaker is set to External flat speakers, the television sound send to other external speakers through the audio cable, There's no sound from the built-in speakers. So make sure that the external speakers is switched on.

When set to Built-in flat speakers, the sound is directly from the built-in speaker; However, if an external speaker is connected and in normal working condition, the sound will also be from the external speaker and the volume will suddenly increase (as when set to "Built-in flat speakers", the audio output of this machine will be set to maximum volume). **In order to avoid interfering with other people, it is strongly recommended that you should turn off the external speakers.**

- **Fiber Optic:** Set the audio format of the coaxial, including PCM and Auto.
- ❑ **Market Model:** Set open market mode or not.
- ❑ **Other Settings:** You can restore to the factory settings.

NOTES

- When the TV is in abnormal states, or restores to the factory setting, you can use this function.
- After restoring to factory setting, all installed Apps will be uninstalled.

- ❑ **About TV:** You can check information about System Version, Software Version, Service HotLine (00852-27811789), Service URL, Auto Upgrade and etc.

NOTE

Product information is only for reference, actual product may vary in appearance.

- **Auto Upgrade:** If you ticked Auto Upgrade, the set will start system automatic detection function. If new version is detected when booting, the device will prompt "new version is detected, upgrade or not?", selecting "Yes" will upgrade to latest version.

System Upgrade

Functions

Update system software to latest version through Internet.

Operations

- ❑ **Enter the App:** You can click the System Upgrade in the App. 

Version Check

- If the server updates system files, native device will prompt "detects new version, upgrade or not?" If upgrade files is large, you will be prompted "Disk space is not enough!" and "Please insert U disk or SD card!"
- If you are willing to upgrade, select "Yes" icon and press **OK** to confirm.

NOTES

- U disk or SD card only supports FAT32 format.
- When the network upgrades and it prompts insufficient memory, please insert U disk or SD card. If U disk is used, it must be the first inserted one after booting and there is sufficient space in it.

File Download

- While downloading files from server, please make sure the network is smooth.
- While downloading, you can select "Run in Background" mode. If you press **OK** to choose Run in Background, the screen will quit system upgrade interface without affecting TV usage.

File Verification

- When file downloading finishes, the system will verify downloaded files, which also can run under background mode.
- After files verifying, you will be prompted "New version downloading finishes, please prepare to restart for completing update". If pressing **OK**, the device will restart.

Reboot and Recovery

After restarting, the device will automatically enter system to upgrade.

NOTES

- Prohibit turning off power, pulling out U disk or SD card when upgrading, or else the system will be destroyed, such as unable to boot. If similar problems happen to you, please contact Hisense customer service for home service.
- Product information is only for reference, actual product may vary in appearance.

Browser

Functions

You can browse Hisense preset news, entertainments, finances or sports media website.

NOTES

- As the network technology updates frequently to result in enable to support part of the contents in the web pages, the phenomenon is normal when audio/video contents in the web page is unable to play due to upgrade to higher versions.
- If you use wireless transceiver, when browser is not used, recommend taking off the wireless transceiver to avoid operation of the set.
- If you can't return to previous page when browsing website, it may be caused by network flow limitation, server or other network problems, which is normal phenomenon.
- Certain video website needs to download or use its own player, if video websites don't support the player, it is the normal phenomenon that videos can't play.

Operations

Enter the App: You can click the Browser icon  on the desktop in the App.

- Access the recommended website of Hisense preset. Press **Menu** or  icon, then the Browser function bar will pop up.
- Choose browse websites:
 - You can change website types between Hisense preset websites:
 - Press **▲ / ▼ / ◀ / ▶** to choose website, press **OK** to confirm entering.
 - Use external mouse to choose and enter website.

NOTE

Certain website only supports mouse operation.

- Press **▲ / ▼ / ◀ / ▶** on remote control to move cursor to website address input box, press **OK** to open soft keyboard. Clicking the  icon on soft keyboard after input will directly enter corresponding website.
 - Move cursor into the website address input box, clicking left button of mouse will open soft keyboard. Clicking the  icon on soft keyboard after input will directly enter corresponding website.
- Press **Home** to quit website directly.

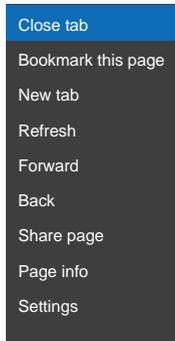
Wireless keyboard and mouse use description:

- To ease operation, the device supports wireless keyboard and mouse, Logitech wireless keyboard and mouse is recommended. If there are compatibility problems when using wireless mouse and wireless keyboard, please call Hisense hotline for technical support. Please plug wireless transceiver into USB port in the side of TV first when using wireless mouse and keyboard.

- After accessing the Browser, when the cursor is in the website input box, press the **Enter** on the keyboard, and the keyboard can be used to enter alphabet, number and symbols when the mouse changes into shape I.

Introduction to the Browser function bar

- Close tab:** Close current webpage.
- Bookmark this page:** You can add current webpage into bookmark. You can manage bookmark by clicking the  icon on the right top of browsing website interface.
- New tab:** You can open new homepage on the interface.
- Refresh:** You can refresh webpage.
- Forward / Back:** Move forward to the next page. / Return to the previous page.
- Share page:** Share current webpage with other friends.
- Page info:** Show current webpage information.
- Settings:** Set normal, privacy and safety, supporting function, advance, broadband management and lab contents.



Browser soft keyboard



Hi Market

Functions

- Enter the App: You can click the Hi Market icon  in the App.

Menu Instructions

- Home page:** Display recommended ranking and cooperation zone.

Specific operation:

- Press ▲ / ▼ / ◀ / ▶ to select the application, then press **OK** to confirm.
- Click the download icon for downloading.
- When log - on interface appears, input the user name and password, and click the log - on icon.

NOTES

- The first time downloading application from Hi Market requires registration. Click the registration icon in the log - on interface and the registration interface appears. Input information -> Click registration icon.
- The user name is in 3~30 digits consisting of alphabets and numbers. Password is in 6~15 digits consisting of characters.
- After downloading, click the installation icon for install operation.
- Press **Home** to exit the Hi Market.
- Latest:** Display the application of the latest online.
- Recommendation:** Display the recommended applications.
- Ranking:** Rank the purchase times of application. The application with the most purchase times is ranked in the front.
- Type:** Classify the applications in the store by cooperation zone or time. The user can buy as demand. Each application shall be priced, and press ▲ / ▼ / ◀ / ▶ to select these applications. Press **OK** to confirm purchase. The amount of golden bean as required for buying the application is deducted from the account balance.
- Search:** Find the corresponding application in accordance with the inputted name.
Specific operation: Select the search input box, press **OK** to pop up the soft keyboard, and input the name of application. Move the cursor to search icon , press **OK** to confirm.
- Service Menu** : You can set the corresponding service in accordance with demand.
 - Log-on:** Input the registered new user name and password.
 - Registration:** Input the information and register new user.
 - Password Setting:** Input the old password and the new password for password modification.
 - Application management:** You can upgrade, install and delete the applications being upgraded, downloaded and installed.
 - Self-service:** You can operate the user account accordingly in light of demand.
 - Check upgrading:** Upgrade the Hi Market.
 - About:** You can view the relevant service information e.g. version information and contact method.
 - Exit:** Exit the Hi Market.

NOTES

- Parts of the temporary files, data or downloaded files generated from operation of application procedures are saved in the USB disc. If prompt on inserting USB disc appears, please insert USB disc in accordance with the prompt, or otherwise the application is unable to run normally.
- During installation of application procedure, if the system space is insufficient, the prompt wording Unable to Install will appear. Recommend deletion of certain application procedure to save adequate space for new application procedure.
- Failure with USB disc may cause abnormality of the application procedure. This is not attributable to the application procedure itself, recommend change of USB disc.

aMarket

Functions

The amarket provides magnitude App download, installation and TV software.

Operations

- Enter the App: You can click the amarket icon  in the App.
 - After entering the amarket, press ▲ / ▼ / ◀ / ▶ to select each option. Then press **OK** to enter the option.
 - Enter the selection dialogue box, and click  icon to download applications.
 - After click for downloading applications, select My Apps Option to Show download status. Upon downloading, click the downloaded procedure to appear the dialogue box for Install or Delete. Select Install and the procedure can be used. Select Delete to remove the downloaded task.



- OSD prompt information shall control other information.

PC to TV

Functions

The product accomplishes screen transmission function by Hisense I'TV products or computer - side operation.

The intelligent and personalized design of the device needn't TV-side operation, so the function won't embody in the application.

Operations

Basic Operations:

- For several Hisense I'TV products (such as M1101), TV side will display the contents of I'TV screen after clicking the "Small to Big" icon at the bottom of I'TV product screen and operating according to prompts. Clicking "Small to Big" icon again will stop screen transmission.
- Double click the PC to TV software on the computer side, and click the Setting option on the PC to TV software operation interface to set the corresponding performance parameters. Click button of Looking for Device, and then the names of TV waiting for wireless screening in the same network in LAN will be displayed in the device list. The name is composed of device + IP 3digit in the end. HISENSE_TV126 means IP in the end is TV of 126. Select the device found, and click beginning screening, and then later, PC screen will appear in TV. Then Beginning Screening button changes into Stopping Screening. For exit from PC to TV state, click the Stop Send Screen button on the computer side.

NOTES

- PC and TV must ensure to be in the same network segment (such as 172.16.25.xx) and connect physically. Or else, the screen can not be shared.
- PC and TV have some delay by reason of network.
- The use of this function requires the opening of PC to TV application on the computer end, and then opening the player software. If such phenomenon as no sound from TV but with sound from computer is found during use of this function, please reboot the player software on the computer side. Likewise, when the user uses the computer upon exit from PC to TV function and the computer is found without sound, then close the PC to TV software, and restart the player on the computer side. Then the problem is solved.
- Resolution ratio set up in wireless screening projecting according to the program setup will dynamically alter the resolution ratio of PC. If user manually alters the resolution ratio of PC during the transmitting process and causes abnormal TV shared video and no image for playing, so please don't change PC screen resolution ratio during the process of transmission.
- Abnormal exit during using wireless screening (power-off and closing the process) will cause failure in sound cards dismissing binding and then the sound cards used by user PC are still kumbaya. If sound cards needs to recover normal, manual configuration needs to be made in sound properly to change to the sound card as required for playing.
- If the user finds any image blocking during screen transmission, firstly check if the network is in good conditions, and then check the CPU use conditions. If the computer is in lower configuration, please change the Image Quality in the interface for setting the PC to TV to General or Relatively Good in accordance with the application scene. In case of without sound requirements, then cancel the tick in front of the option of Sound Capture. Then the hardware requirements for computers can be minimized to ensure smoothness of screen transmission process.
- The computer software for PC to TV can be downloaded from the following addresses:
<http://tvlst.dnet-home.net/nettv/samescreen/>
 Please select the corresponding procedure version for download and installation in accordance with the operating system on the computer side. It is normal to result in procedure incompatibility due to different versions of operating system.
- The I'TV model of support PC to TV function for reference only.

Home Sharing

Functions

Achieve remote operation and local sharing of TV with other devices. It can play the pictures, music and video resources in the shared directory.

Operations

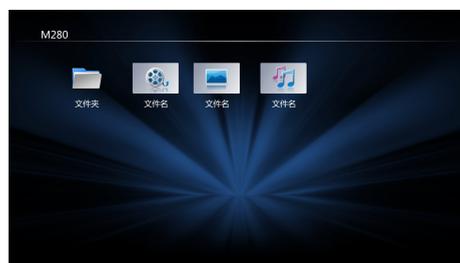
- Enter the App:** You can click the Home Sharing icon in the App.



After enter the Home Sharing, press ◀/▶ to select Local Share or QR Verification. For enter to other device resources in the LAN, please select Local Share. For remote operation on TV with external hand-held devices, please select QR Verification.



- Local Share:** Access to resources of other devices in LAN. Press ◀/▶ to select the Local Share, Press **OK** to enter the shared files.



NOTE

Make sure that the shared files are available in the same LAN of the TV.

- QR Verification:** Achieve remote operation of TV with external handheld devices.

NOTE

Certain hand-held device doesn't support QR Verification. The function for reference only.

Ever Box

Functions

Ever Box application can upload audio, video or picture files stored in external storage devices (connected to TV) to the cloud side, you can access these files anywhere anytime using devices with Ever Box application installed.

Operations



Enter the App: You can click the Ever Box icon in the App.

Login/Register:

Click **OK** in text input box to open soft keyboard, input the Ever Box account and password, then click login icon.

Click register icon, press **OK** in the text input box to open soft keyboard, and input account and password according to prompts, then click register icon.

Basic operation: Directory structure and file list will be loaded into the main interface after entering Ever Box. After selecting files or directories, press **OK** to open menu. You can view pictures, audios or videos, download files and manage directories.

- Selected files have been downloaded into storage devices.
- You can control display styles (grid and list) using the right top icon.

NOTE

Ever Box supports image thumbnails function if there are external storage devices (such as U disk, mobile disk).

Browsing:

- Online browse:** Ever Box provides file online browse function to recognizable picture, audio and video files. Please select the object file and select **在线浏览** command from the pop-up menu.



- Browse file:** Ever Box provides browse file function for unrecognizable files. If there is no application to open object files on user TV, it will prompt information.
- Browse folder:** Select the folder to open, press **OK**, then select **浏览文件夹** command from the pop-up menu.

- Download:** To download file, please select the object file and press **OK**, then select **下载到本地** from the pop-up menu. Downloading needs external storage device, such as U disk, mobile disk and etc.

- Copy/Move/Rename/Delete file:** Select the object file and press **OK**, then select corresponding item from the pop-up menu.

- Copy/Move:** After selecting copy/move command, it will pop up paste, cancel icon, please select the object folder and click paste icon.

- Rename:** After selecting rename command, you can pull out soft keyboard by pressing **OK** in text input box, and then click confirm icon after inputting name.

- Function bar:** After entering Ever Box interface, you can pull out function bar by pressing **Menu**, and then select corresponding item.

Add:

- Upload file:** You can easily upload files from storage device to Ever Box. Select the object file from storage device, press **OK** to confirm operation, and then the object file begins to upload and an information box prompts user the file has already been in the transmission queue, you can view file in the transmission management page.

- New folder:** Select **新建文件夹** item, then input folder name in the text input box.

- Transmission management:** You can see the transmission process in the transmission management page while downloading or uploading.



- For failed transmission file, you can choose to retransfer in the pop-up menu by clicking the object file.

NOTE

Ever Box supports resume broken transfer function, when the file retransfers, it will resume from the last broken point, so transmission process speeds up.

- For file transferred successfully, you can delete transmission record from pop-up menu by clicking the object file.

- Refresh:** Update information shown in current Ever Box.

- Setting:** You can view current account, memory information, and log off current account by clicking Setting.

- Exit:** Exit Ever Box.

Hicycle

Functions

You can share information on certain social platform, such as Sina blog, Tencent blog, which will be sent to Hisense social platform. Other Hisense smart TV user can see your shared information in Hicycle application, and you can see other Hisense smart TV User' shared information in Hicycle application.

Operations

- **Enter the App:** You can click the Hicycle icon  on the desktop or in the App.

You can browse shared categorized information on Hisense smart TV social platform by applying Hicycle function on smart TV.

- Press ▲ / ▼ / ◀ / ▶ to select item.
- Press **OK** to confirm operation and browse information.
- Press **Return** to go back to onlooker main interface, press **Home** to quit directly.
- OSD prompt information shall control other information.

□ Login / Register:

If login interface pops up when entering "My micro-blog", "Favorite" or "Setting", you should press **OK** in the text input box to pull out soft keyboard, input Hisense cloud account and password, then click the login icon.

If you have no account, please click register icon and press **OK** in the text input box to pull out soft keyboard, input account and password according to prompts, and then click the confirm registration icon.

- **My micro-blog:** Show all information you shared on Hisense social platform, including videos, pictures, web pages and applications. You can delete information published by yourself by pressing **Menu** and choosing 删除 icon command from pop-up menu, you can't delete information published by others.
- **Favorite:** Show all the collected share contents on Hisense social platform, including video, picture, webpage and application. After choosing a message from video, picture, webpage or application, press **Menu** to pull out menu, select 收藏 to collect specified message. If the message is collected, press **Menu** to pull out menu, select 取消 to cancel collecting.
- **Setting:** Provide social platform account binding function, you can bind other social platform accounts (such as Sina micro-blog, Tencent micro-blog) with Hisense cloud account. After binding, cloud account can send shared information to bounded social platform after logging on TV, there is no need logging in repeatedly. You can unbind the third party social platform account.

Game Center

Functions

Game Center is a network game hall with game and motion sensing game in a body. Game Center collects mainstream network game, single game, motion sensing game on the market, you can play any games after entering Game Center.

Operations

- **Enter the App:** You can click the Game Center icon  in the App.

- **Game Center:** Module for user viewing game categories, downloading selected games or entertainment.

☑ NOTE

On the Game Center interface, choosing Motion Sensing will enter 17Vee official website directly.

- **Personal center:** Module for user view personal information, credits grade, payment information and etc.
- **System set:** Module for user viewing downloads and customizing personalized system sets.
- Press **Home** to quit Game Center directly.
- OSD prompt information shall control other information.

☑ NOTES

- It prompts "To guarantee you play normal, please install preset game." when you enter Game Center at the first time. Click OK to install default games, it will go into Game Center main interface after installation.
- Temporary files, data produced when game running or downloaded files will be stored into SD card, please make sure SD card inserted before downloading games, or else applications won't normally run.
- SD card malfunction will lead application abnormal. It is not caused by application itself, you are recommended to change SD card.
- Native machine needs keyboard, mouse or other remoter with air mouse to control games when game running, see 17Vee official website for detailed information.

Hisense Community

▣ Functions

Hisense community is a website community built for Hisense user communication and discussion by Locoso. You can share products using experiences with others in the community.

- **Enter the App:** You can click Hisense Community  icon in the App.
- **Studio entertainment:** Hisense Studio Letters introduce new movies in Hisense Movie Theater, hot movies and entertainment gossip.
- **Envelope teahouse:** Come here to have a rest or relax if you say or play tired. A joke or a beautiful picture may let you relax completely.
- **Game world:** Share game guideline, game experience on intelligent device. Introduce which game is classic or which game is amusing.
- **Apply discussion:** Products cannot leave without contents, intelligent app is the core of intelligent products, you can see what others say.

CNTV

▣ Functions

CNTV app provides TV program, movie, TV series and other videos.

▣ Operations

- **Enter the App:** You can click the CNTV icon  on the desktop or in the App.
 - Press **▲ / ▼ / ◀ / ▶** to select item after entering CNTV.
 - Press **OK** to confirm operation.
 - Press **Return** to go back CNTV main interface, press **Home** to quit directly.
 - OSD prompt information shall control other information.

✔ NOTES

- Please make sure network normal before starting applications.
- When there are network faults or the speed is too slow, it may cause application malfunction, such as user cannot enter webpage, wait for too long or cannot play movie smoothly.
- When server updates, the picture or text in the page may differ from that in the instruction, online display shall control concrete business information.

Trouble Shooting

When there is something wrong with your TV, you can try turning off the TV and then restart it. You can also operate according to the following chart. If the problem still cannot be solved, please contact the professional technicians.

SYMPTOMS	POSSIBLE SOLUTIONS
No sound or picture	<ul style="list-style-type: none"> ● Check if the power cord is in the AC outlet and if it has electricity. ● Check if you have pressed Power button on the TV or Standby button on the remote control. ● Check the setting of picture brightness and contrast. ● Check the volume.
Picture is normal, but no sound.	<ul style="list-style-type: none"> ● Check the volume. ● Check if Mute mode is set "on".
No picture and white or black picture	<ul style="list-style-type: none"> ● Adjust Picture Setting. ● Check Color System.
The sound and picture are interfered	<ul style="list-style-type: none"> ● Try to find the appliance affecting TV set, and move it far away from the TV set. ● Try to insert the power plug of the TV set into another outlet.
Unclear picture or picture with snow	<ul style="list-style-type: none"> ● Check the direction, position and connection of your antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
H/V strip or the picture shaking	Check if there is interfering source nearby, such as appliance or electric tools.
The cabinet of the TV makes "Click" sound	Sometimes the room temperature change can cause the television cabinet to inflate or contract, which makes the sound. This does not mean the TV breaks down.
3D images not shown	<ul style="list-style-type: none"> ● Check the mode of 3D video source, access 3D setting and select suitable 3D format for the video source. ● If you use the active 3D glasses, check if the glasses are powered on.