



Hisense

LTDN42K680HK3DU
LTDN50K680HK3DU
LTDN55K680HK3DU

USER MANUAL

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

RSAG2.025.4322SS

┌ 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： ┘

English
Anyview

Preface

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.

❑ Smart 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.

❑ 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.

❑ Multi-screen Interaction

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

❑ Great Application

The device carries Himarket, provide magnitude Apps for users to download.

❑ SRS TruSurround HD Sound Effect

Make TV audio more real and more shocking.

❑ Multi-Mode Widescreen Display

Provide with multiple aspect ratio choice: Full Screen, Standard, Zoom1, Zoom2, Smart Zoom, Dot To Dot.

❑ 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, A/V, Component, USB, Headphone, Ethernet and TF card.

4Kx2K Ultra HD playback

The TV support 3840X2160 video playback and picture display under USB channel; support for dot to dot display of 3840x2160 / 24Hz, 25Hz, 30Hz under HDMI channel.



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



This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

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.

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

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

Specifications

Model		LTDN42K680HK3DU	LTDN50K680HK3DU	LTDN55K680HK3DU
Dimension (W × H × D) (mm)	Without stand	945 × 547 × 49.5	1125 × 656.5 × 56.3	1235 × 717 × 59
	With stand	945 × 598 × 210	1125 × 710 × 245	1235 × 770 × 285
Weight (kg)	Without stand	12.8	18	24.6
	With stand	15	21.3	28.6
Active screen diagonal size (cm)		106	126	138
Screen resolution		3840 × 2160	3840 × 2160	3840 × 2160
Power supply		~ 50/60Hz 160 - 240V	~ 50/60Hz 160 - 240V	~ 50/60Hz 160 - 240V
Power consumption		90W	130W	200W
Audio power		8W+8W	10W+10W	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-866MHz 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:

Formats	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	1920 × 1080	40Mbps	AC3, AAC, MPEG1(Layer1,2,3)
.avi .mpg .mov	MPEG4 ASP	1920 × 1080	8Mbps	AC3, MPEG1(Layer1,2,3)
.mp4	H.264	3840 × 2160	40Mbps	MPEG1(Layer1,2,3), AAC
.rm .rmvb	Real 8/9/10	1280 × 720	1.5Mbps	Cooker
.flv	H.264	720 × 576	1.0Mbps	MPEG1(Layer1,2,3)

NOTE

We can not promise that this set would support all the formats listed above, as the programming tools are different.

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.

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Getting Started

Accessories List

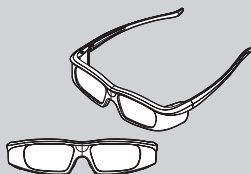
□ Please make sure the following items are included with your TV. If any item is missing, contact your dealer.



User Manual × 1



Warranty Card × 1



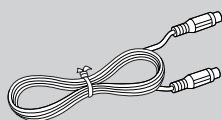
3D Glasses × 2



Remote Control × 1



AAA Batteries × 2



Antenna Cable × 1



AV Adapter × 1



Comp / Video Adapter × 1



Audio Adapter × 1



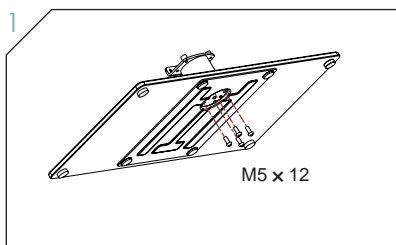
Screws

Installing the Stand

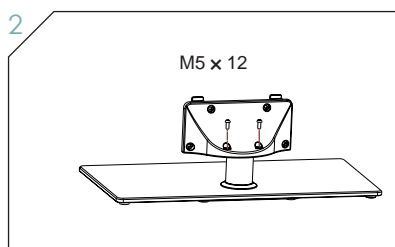
NOTE

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

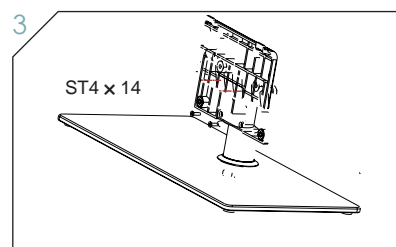
To install the base stand



Secure the stand column to the base with 4 screws (42" needs 3 screws) provided.



Secure the stand cover to the stand column vertically with the 2 screws provided.

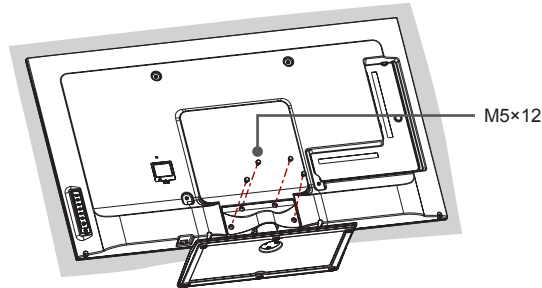


Secure the stand cover to the stand column horizontally with the 2 screws provided.

Getting Started

■ To install the stand

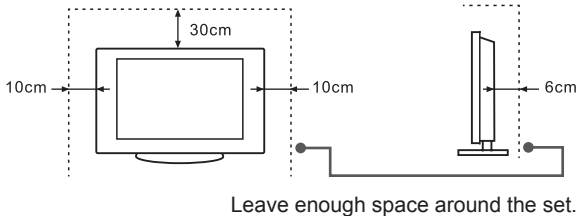
1. Lay the soft cushion on the table which can hold enough weight of the whole TV in case of causing damage to TV or person.
2. Put the TV on the cushion, with its back upwards and the LCD downwards.
3. To install the base stand, slide in the base stand until the screw holes are aligned. Secure the base stand to the TV with the 4 provided screws.



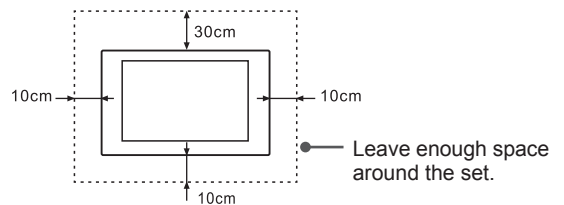
Securing the Installation Space

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

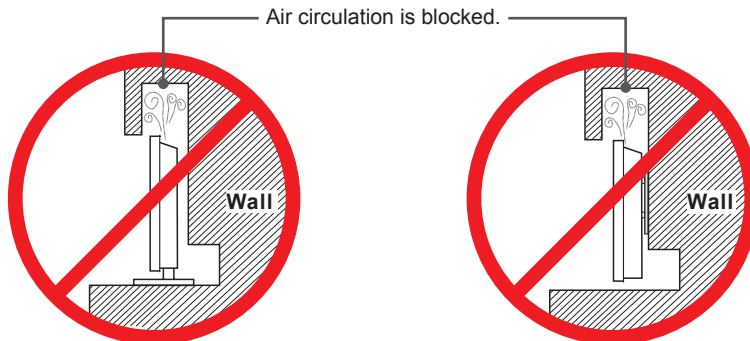
Install with stand:



Install on the wall:

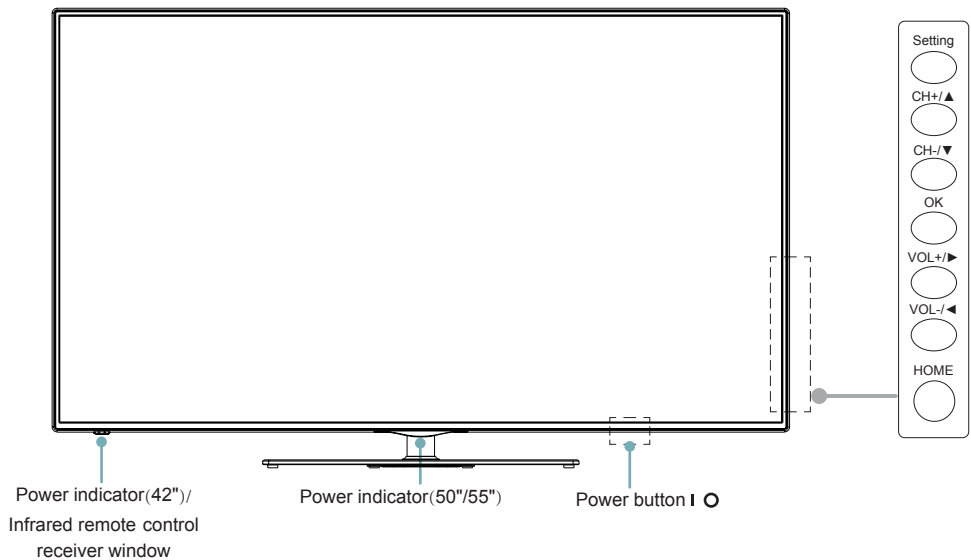


- Never install the TV set as follows:



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.
Infrared remote control receiver window		Receive infrared signal by remote control transmitter through the window.
Side button	Setting	Open the setting menu.
	CH+/▲	Select the previous channel/Up button.
	CH-/▼	Select the next channel/Down button.
	OK	Confirm button.
	VOL+/►	Volume increasing/Right button.
	VOL-/◄	Volume down/Left button.
	HOME	Enter the television's Home page ; Press the button to exit the standby mode.

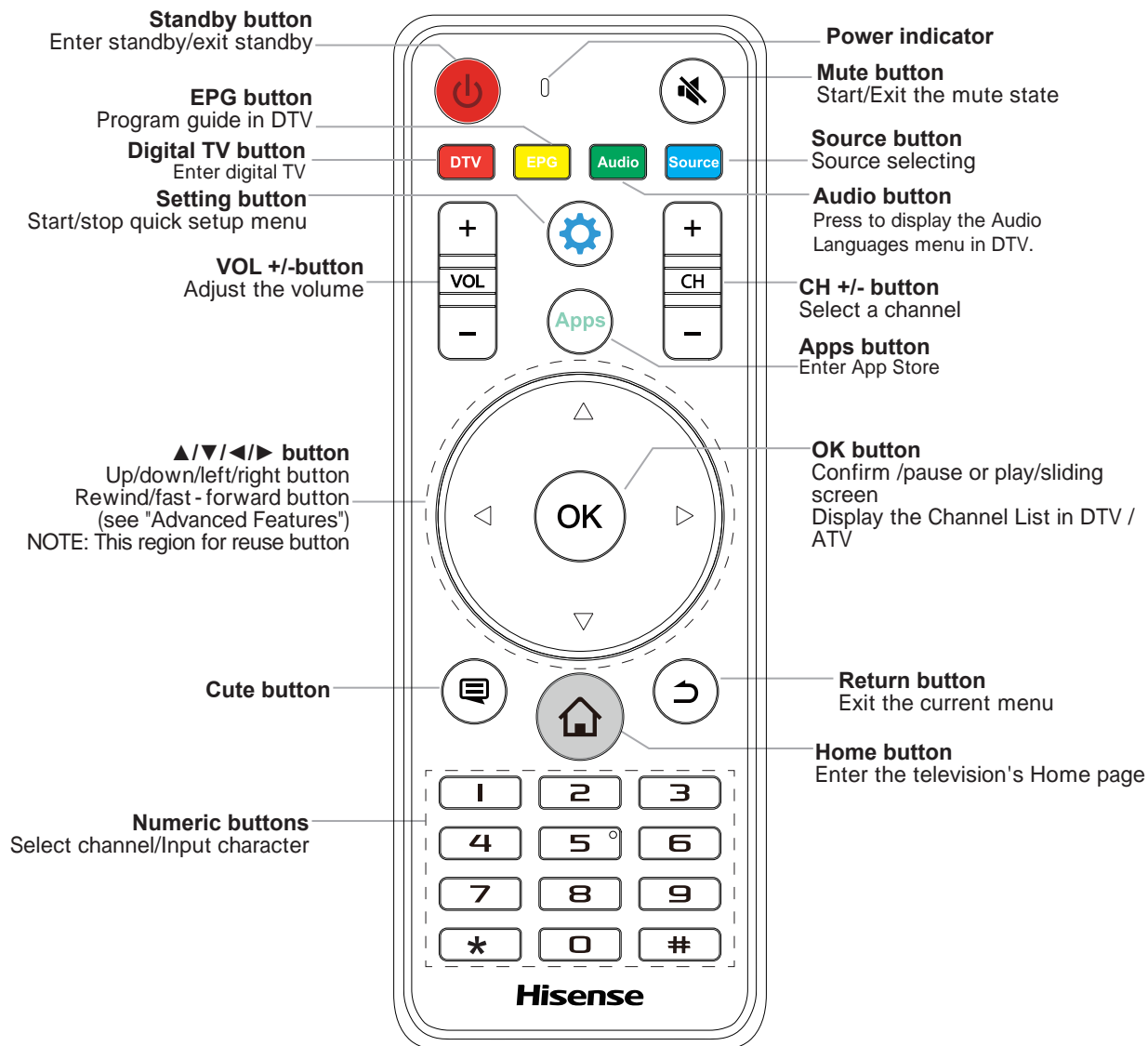
NOTES

- In the home page and menu operation, you can use the arrow button to select, part of the interfaces and applications does not support the button 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 fast, otherwise it may cause abnormal working.

Getting Started

Remote Control

CRF6B31 is a kind of multi-functional remote controller as a keyboard, air mouse. Signal is transported via infrared and Bluetooth two ways



Charging the battery

1. Open the battery cover on the back of the remote control.
 2. Install two AAA size (1.5V) batteries. Match the "+" and "-" signs on the batteries to the signs on the battery compartment.
 3. Close the battery cover.
- power indicator will be off.

Attention

1. If the remote control doesn't work normally, unstable, or cannot control the TV, please check as follows (Whether the TV is on/ the batteries polarity is matched/replace the batteries and so on)
2. If you do not use the remote control for a long time, remove the batteries.

The effective range of remote control

1. The remote control distance under Bluetooth status is 8 meters in front of the TV set, 6 meters under Infrared status.
2. The remote control angle: taking the television infrared light receiver window as an apex, 6 meters away, its controlled angle (left to right) is within 30 degrees, while the vertical angle (up to down) is within 15 degrees.

Indicator description

The remote control has different kinds of state indicating lamp, Reflect the current state.

- Under infrared state, a button is pressed, the indicator is red. Under Bluetooth status, a button is pressed, the indicator is blue.
- When the remote control to enter pairing mode, the light is solid red, It is extinguished if the pairing is not completed within 60S.
- Paired and when a successful connection, the indicator light turns blue, flashes 3 times off.
- If there is electricity shortage, you press remote control button, the indicator is red and flashes 3S off.

NOTE

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

Code matching

To use the blue function of this remote control, please pair the remote control with TV set first.

- Simultaneously hold the cute key and the “0” key for more than 3 seconds until power indicator becoming red and lighting long time. After that, loosen your finger from remote control and wait a minute to complete the pairing process.
- When the power indicator light became blue and flash slowly for 3 times, indicates that the devices have paired successfully, meanwhile the successful hint message will be showed on TV.
- If you have been paired in the past, but the connection is not successful, you need to re-pair, the TV set in a previous pairing information should be deleted before re-paired.

NOTES

- 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.

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 button or pick up action 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 control 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 buttons (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.
- In infrared mode, air mouse invalid; After Bluetooth connection is successful, the default mode for the remote control mouse is off the air, the air can be opened by shaking the mouse remote control, you can turn off the air mouse by pressing the /▼/◀/▶ button.

NOTES

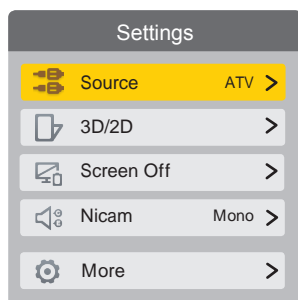
- When the air mouse is in the running state, press the OK button with the left mouse button to achieve single-clicking operation.
- In the home page operation and browsing the webpage, you can use air mouse, and part of the interfaces and applications cannot be supported temporarily.

Others

- Bluetooth stopped working when TV in standby , only respond to infrared signals, so when you press the standby button boot, please pay attention to the front - end alignment of the infrared remote control receiver window.
- 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.

Setting button

Press the button to switch on/off the settings menu, including: Source, 3D/2D, Screen Off, Nicam, More.



NOTE

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

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.

NOTE

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")

3D / 2D

In DTV/ATV mode, you can switch the video between 3D and 2D display.

NOTE

3D mode options vary depending on the source of the video varies.

Screen Off

If you selected "Screen Off", the TV screen will be closed. In this state, the TV is still running, you can reduce power consumption when listening to the music. You can press the **Home button**, **Direction buttons**, **OK button** and **Return** button etc. to recovery the screen.

Nicam

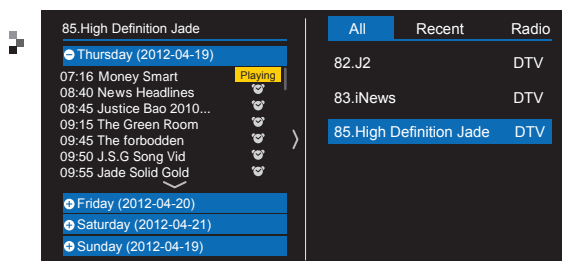
In DTV/ATV mode, if the program has Nicam function, you can switch the tracks.

More

You can use this menu to set the TV, including: General, Picture, Sound, 3D, Channel, Network, System, About.

Channel list

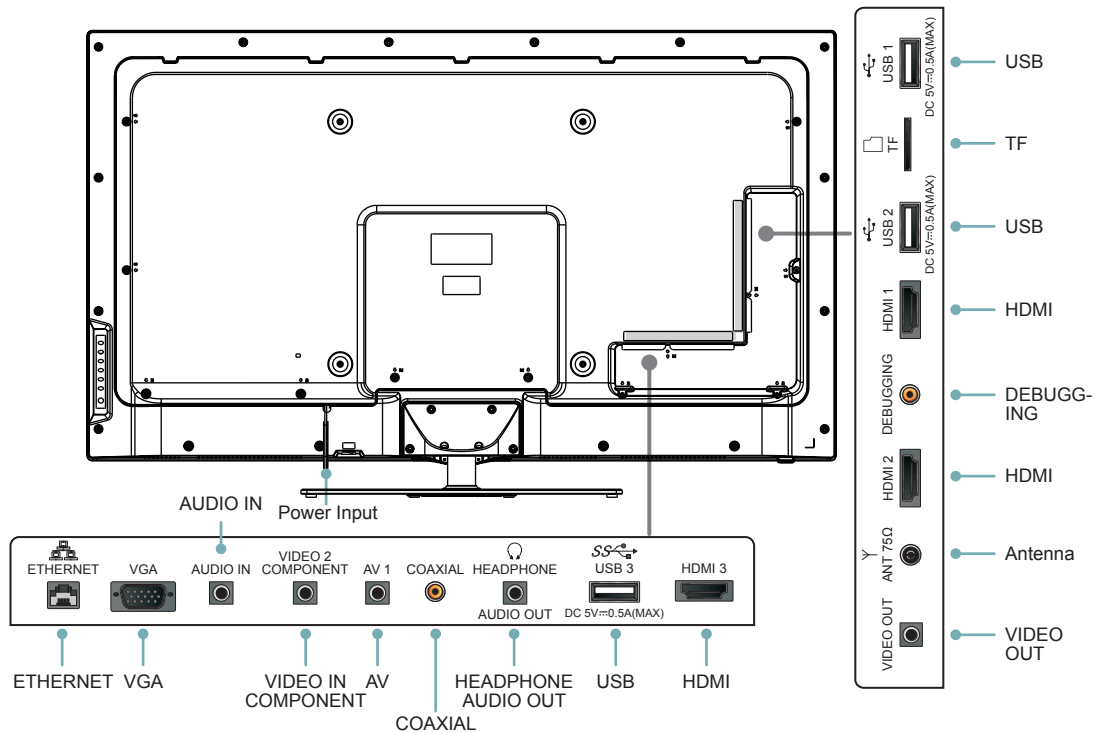
- In ATV mode, press the **OK** to display the All channel list.
- In DTV mode, press the **OK** to display the All, Recent, Radio list.
- Press the **▲/▼ button** to select the channel, press the **OK** to enter the channel to watch the program.
- When the focus is on the channel, press **◀ button** to open the EPG interface.
 - When the focus is on the day, press **▲/▼ button** to select the day of the week.
 - When the focus is on the program, press **▲/▼ button** to select program and press **OK** to book it, re-press **OK** to undo it.



NOTES

- 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.
- 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.

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.
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.
AV	Connect to a DVD player, Digital Set - Top - Box, or other devices with AV output jacks.
VGA	Connect to a PC or other devices with a VGA jack.
AUDIO IN	Transmit audio signals to external devices, can be used with COMPONENT / VIDEO IN / VGA and other ports.
VIDEO OUT/ AUDIO OUT	Connect to external devices with audio / video input jacks, and transmit the ATV and A/V signals being played to these devices.
COAXIAL	Connect to external speakers. It can provide digital audio signal transmission.
HEADPHONE	Connect to headphone.
ETHERNET	Connect to a router to surf the Internet. (For more information, see "Network" of Advanced Features)
USB	This set has the USB standard interface, which can be connected to standard equipment with USB1.1, USB2.0, USB3.0, including hard disk, U disk and so on.
TF	Insert the TF card, the supported maximum capacity is 32G.
DEBUGGING	Only for site commissioning service personnel use.

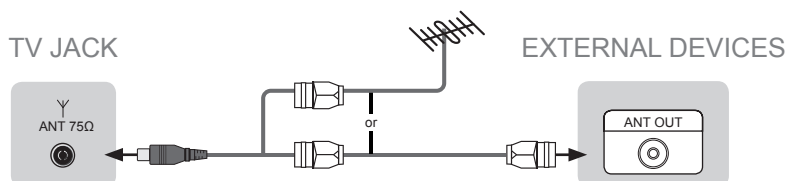
Connecting an Antenna or Cable

■ 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 (75Ω) 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 (75Ω).



Connecting an A/V Device

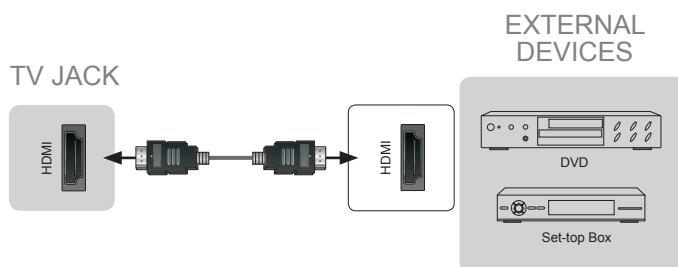
■ With the HDMI Cable

- 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 HDMI 1.3 high-quality cables.
- If the external devices lack of HDCP or HDCP poorly designed, it may disturb the high-definition 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



Connections

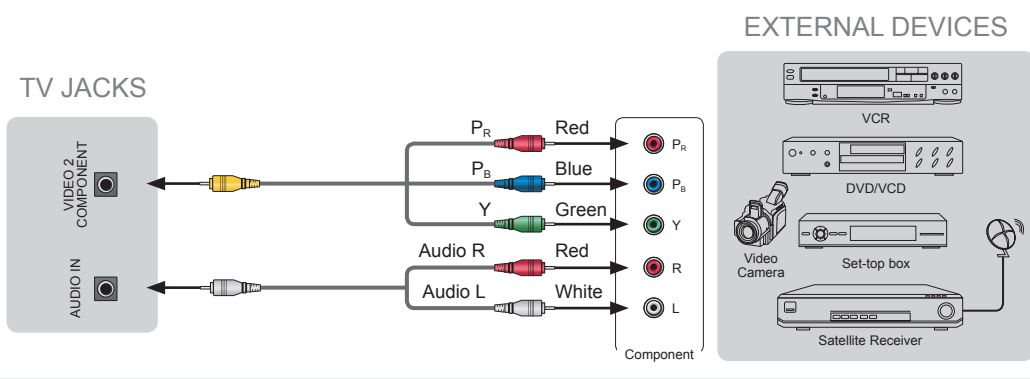
With the Component Cable

- Connect the TV's COMPONENT 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 "Comp / Video Adapter" provided. Please make sure that the audio connects, otherwise the sound will be abnormal.
- The audio signal are connected to external devices with "Audio 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

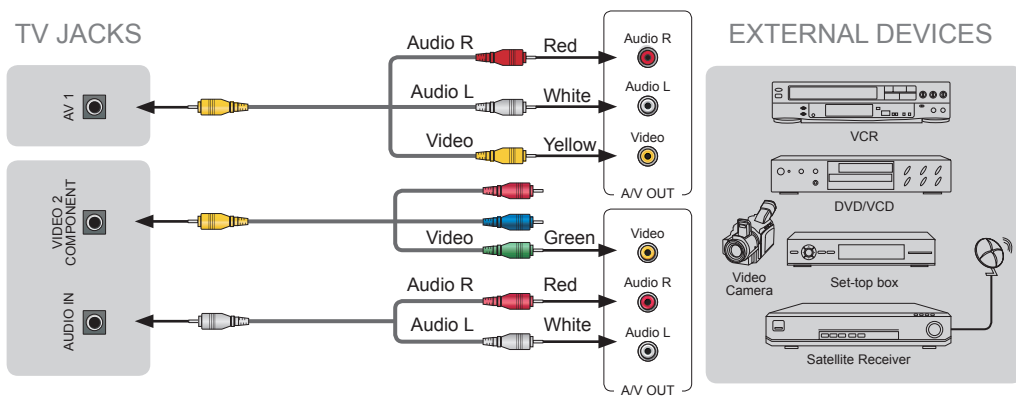


With the AV Cable

- Connect the TV's AV1/VIDEO 2 jack to video output jack of the external A/V devices (VCD, DVD, VCR or Camcorder).
- Connect the TV's AV1/AUDIO IN jack to audio output jacks (Audio Left/Right) of the external A/V devices.

NOTES

- The AV1 video signal, audio L and audio R signal are connected to external devices with "AV Adapter" provided.
- The AV2 video signal is connected to external devices with "Comp / Video Adapter" provided. The audio signal are connected to external devices with "Audio Adapter" provided. Please make sure that the audio connects, otherwise the sound will be abnormal.



Connecting a PC

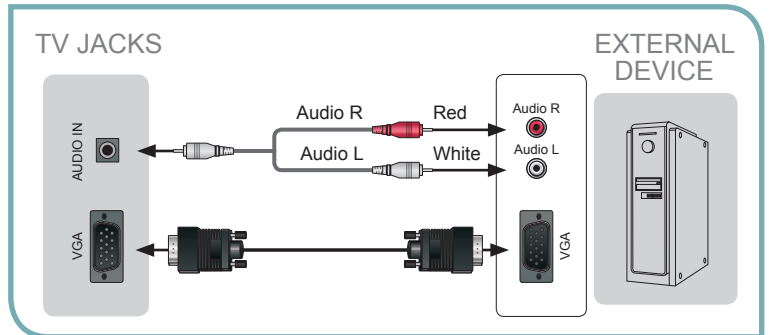
■ Making Connections

- 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 connected 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



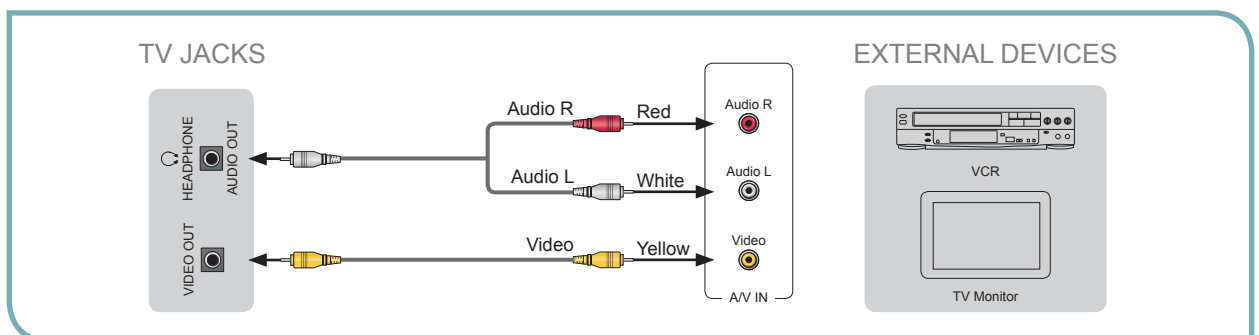
Connecting a TV Monitor or VCR

■ Making Connections

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

✓ NOTES

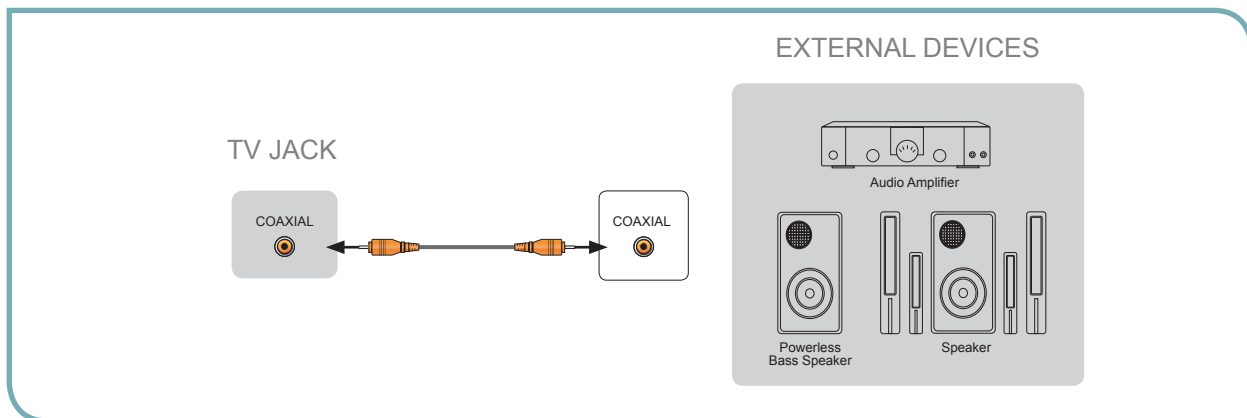
- The audio signal are connected to external devices with "Audio Adapter" provided.
- When used as TV monitor, please read the Attention on still images of the TV carefully.



Connecting an Ex-Speaker

■ Making Connections

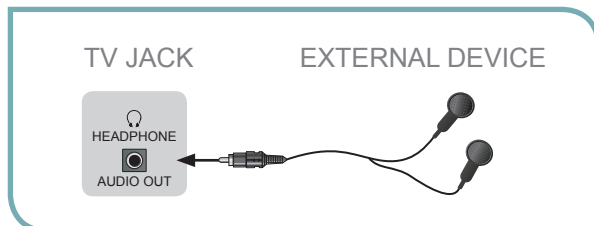
- Use a coaxial cable to connect the TV's COAXIAL jack to the Audio Amplifier's coaxial jack, or use the "Audio Adapter" to connect the TV's AUDIO OUT jack to the Audio Amplifier's coaxial jack, then connect the Audio Amplifier to the external speaker.
- When connect an external speaker, the TV sound send to other external speakers through the audio cable, 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 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 jack on the TV.



Connecting a USB Device

■ Making Connections

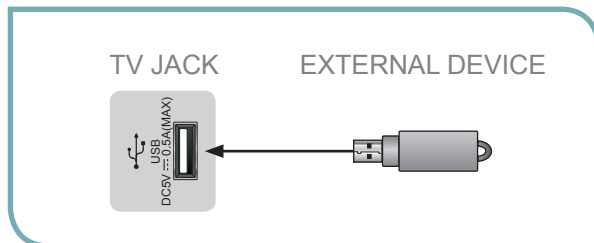
- Connect to the USB jack in the TV with USB cable or directly USB port.

✓ NOTE

When multifunction USB external device is a combination device, it is recommended that you use USB 3 jack. (Only USB 3 jack supports USB 3.0 devices)

✓ WARNING

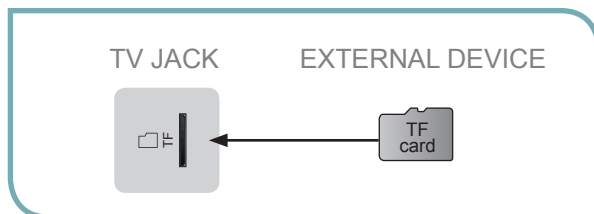
The current should be no more than 500 mA when the single USB jack is connected with external devices, and the total current should be no more than 1200 mA when all the USB jacks are connected with external devices. Hisense warranty does not cover the TV damages and issues caused by the current overload.



Connecting a TF card

■ Making Connections

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






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 "Input Source" of Remote Control)

Input Jacks	Input Source
ANT	DTV
ANT	ATV
VGA / AUDIO IN (share input with COMPONENT / AV 2)	VGA
HDMI1/2/3	HDMI1/2/3
AV1	AV1
VIDEO 2 / AUDIO IN (share input with COMPONENT / VGA)	AV2
COMPONENT / AUDIO IN (share input with VGA / AV 2)	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 **+/-** (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.

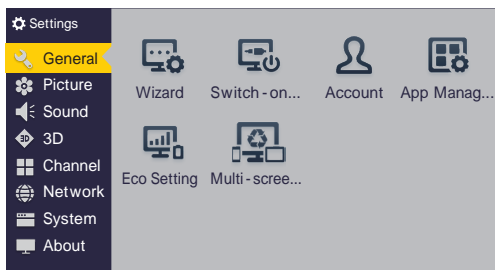
NOTE

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.

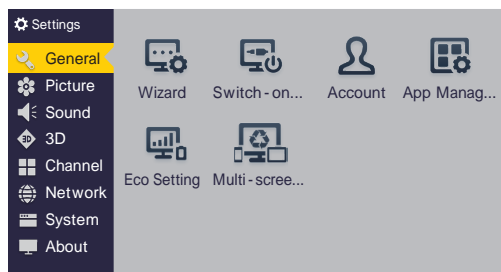
Using the Menu

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

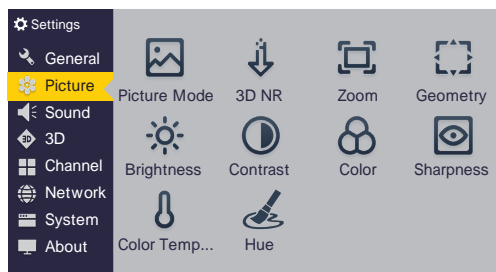
- 1 Press **Setting**  button, select the **More** option to open the menu.
- 2 Press **▲/▼/◀/▶** to select a menu option, then press **OK** to enter the menu.
- 3 In each level of menu, you can select the following operations according to different menus:
 - Press **◀/▶** or **▲/▼** to select an item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



General



Picture

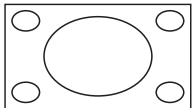
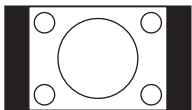
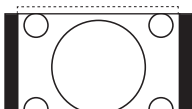

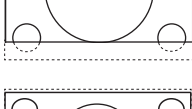
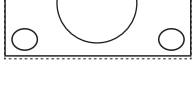


- **Wizard:** You can learn about the main function of TV, basic operation methods.
- **Switch-on Source:** You can select Homepage or different boot source mode.
- **Account:** You can manage the account of Hisense. (For more information, see "Account" of Advanced Features)
- **App Management:** You can manage the installed applications.
- **Eco Setting:**
 - **Bright Light:** Maximum backlight brightness, with optimum picture expression.
 - **Soft Light:** Minimum backlight brightness, suitable for use in night.
 - **Stereoscopic Frequency:** The backlight brightness increases with the increase of picture image brightness. The backlight brightness decreases with the decrease of picture image brightness.
 - **Comfort Frequency:** The backlight brightness decreases with the increase of picture image brightness. The backlight brightness increases with the decrease of picture image brightness.
 - **Custom:** The function enables any adjustment of backlight brightness.
- **Multi-screen Service:** Turn on or off the Multi-screen Service function. (For more information, see "Multi-screen Interaction" of Advanced Features)

- **Picture Mode:** The picture modes including: Standard, Stadium, Game, Cinema, Concert, Studio and Custom.
- **3D NR:** 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 not available.

- **Zoom:** You can set the zoom mode: Full Screen, Standard, Zoom1, Zoom2, Smart Zoom and Dot To Dot.
 - **Full screen:** This selection will allow you to view a picture in full screen. (In HDMI mode, 1920 × 1080 resolution displays for Dot To Dot) 
 - **Standard:** 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 will allow you to view the picture to display the entire contents in the horizontal direction by non-linear scaling technology, the 4:3 screen to full-screen viewing. 
 - **Dot To Dot:** This selection will allow you to view the actual size of the picture. 

NOTE

The options of the Zoom varies with different source.

□ Geometry:

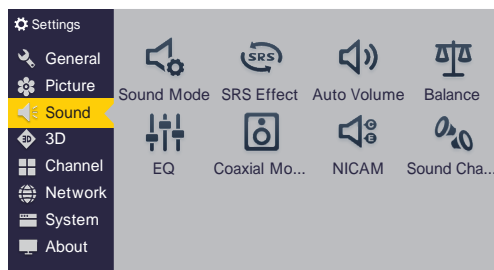
☑ NOTES

- When there is no signal, this option is not available.
 - This option is not available in 3D mode.
 - When the Zoom mode is Smart Zoom/Dot To Dot, this option is not available.
 - The options of the Geometry varies with different source.
 - **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.
 - **Clock:** Control the signal clock, which can improve the image stability.
 - **Phase:** Control the signal phase, which can improve focus clarity and image stability.
 - **Auto Adjust:** Adjust the position and size of picture automatically.
 - **Display Area:** Control the repetition rate of HDMI, including Full and Zoom.
- **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.
 - **Hue:** Adjust flesh tones so they appear natural.

☑ NOTE

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

☐ Sound



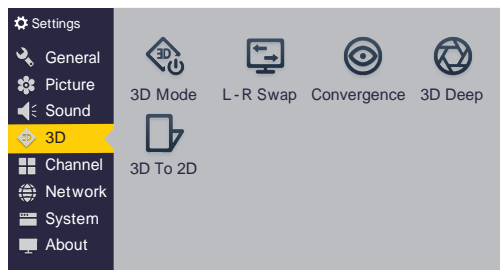
- **Sound Mode:** The sound modes including Standard, Live1, Live2, Music, Theater, Music, Speech and Custom.
- **SRS Effect:** Enhance the surround sound and bass sound effects.
- **Auto Volume:** According to different audio signal, it can adjust volume automatically.
- **Balance:** Adjust the volume of the left and right speakers.
- **EQ:** Soften or enhance the sound at specific frequency points.
- **Coaxial Mode:** Send digital audio to an external audio system. You can select PCM, Auto or OFF.
- **NICAM:** In DTV/ATV mode, if the program has Nicam function, you can switch the tracks.
- **Sound Channel:** You can select Left Sound, Right Sound or Stereo.

3D

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

NOTES

1. Some picture functions may not be available in 3D mode.
2. Other brands 3D glasses may not support.
3. If lie on the side, there may not be 3D effect.
4. The set supports automatic identification of common 3D format in HDMI1.4. Other 3D signal format needs manual setup.
5. You can viewing the 3D video in HDMI mode and USB mode.
6. If the 3D glasses' type is active 3D glasses:
 - Make sure no objects are placed such that it blocks the IR emitter.
 - 50Hz or 60Hz fluorescent lamps may cause flickering to your 3D glasses. Turn off these types of lamps if this occurs.
 - If there are other 3D product or TV set nearby such as PDP/LCD TV/wireless telecommunication equipment, but for mutual interference, active 3D spectacle may in abnormal service. If there is such problem, please put these devices as far from 3D TV as possible.



☐ **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.
- **Side by Side:** Select Side by Side 3D format according to video source signal.
- **Top and Bottom:** Select Top and Bottom 3D format according to video source signal.
- **Line by Line:** Select Line by Line 3D format according to video source signal.

- **Vertical Stripe:** Select Vertical Stripe 3D format according to video source signal.
- **Checker Board:** Select Checker Board 3D format according to video source signal.
- **Frame Sequential:** Select Frame Sequential 3D format according to video source signal.

- ☐ **L-R Swap:** Make left/right eyes exchange on 3D video source signals.
- ☐ **Convergence:** Adjust the presence effect of picture in 3D mode.
- ☐ **3D Deep:** Adjust the focus depth hierarchy sense 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

- L-R Swap, Convergence and 3D Deep is unavailable in HDMI1.4 format.
- Convergence is available only in 2D To 3D mode.
- L-R Swap, Convergence and 3D Deep is unavailable when 3D mode is set up as OFF or "3D to 2D" is enable.

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

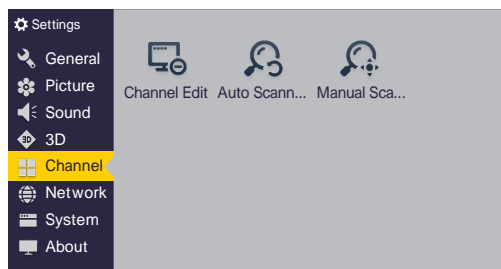
NOTES

1. 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.
2. Kids at or below 6 years of age should not view 3D video, as they are incomplete in visual development. The parents shall watch and consult whether the child has headache, tired or dizzy, please stop watching TV and have a rest.
3. When viewing 3D video, please ensure the safety of the surrounding environment for the design principle of this product may make you feel personally on the scene. 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.
4. Except watching 3D video, please don't apply active spectacle in other usages such as common glasses, sunglasses and vision protective glasses.
5. The ideal viewing distance shall be above 3 times over the height of screen. The viewer's glasses with the center of the screen is located on the same level as recommended when viewed.

Channel

Search channel in DTV signal

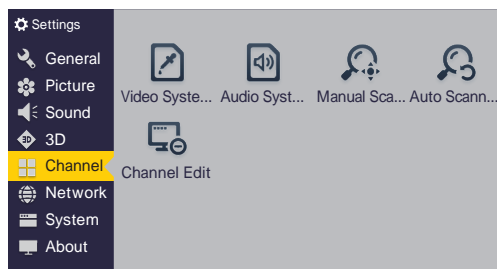
Search for digital television signal before the Source is set up as "DTV". (For more information, see "Source" of Remote Control)



- **Channel Edit:** Edit your channel list. You can delete or skip a channel in DTV mode.
 - **Delete:** Delete the selected channel. The deleted channel can be recovered by scanning channel.
 - **Skip:** Skip the selected channel. To recover the skipped channel, select the icon and press **OK** to confirm.
- **Auto Scanning:** The system will search for channels sequentially according to the preset frequency.
- **Manual Scanning:** Manually scan for channels in current frequency. Select the Frequency, press **OK** to pop up the soft keyboard. Select the number and press the **OK button** to confirm. Press the **Return** button to exit the soft keyboard, click on the "Search" icon to begin the channel scanning.

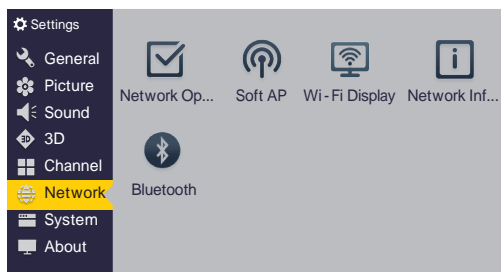
Search channel in ATV signal

Search for analog television signal before the Source is set up as "ATV". (For more information, see "Source" of Remote Control)



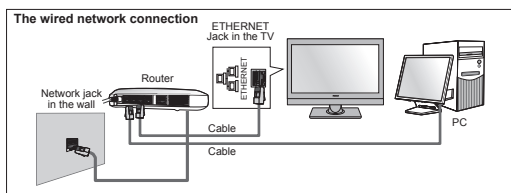
- **Video System:** Set the video pattern for local channels, including AUTO, PAL, NTSC, and SECAM.
- **Audio System:** Set the audio pattern for local channels, including BG, D/K, I and M.
- **Manual Scanning:** Manually scan for channels in current frequency. Select the Frequency, press **OK** to pop up the soft keyboard. Select the number and press the **OK button** to confirm. Press the **Return** button to exit the soft keyboard, click on the "Search" icon to begin the channel scanning.
- **Auto Scanning:** The system will search for channels sequentially according to the preset frequency.
- **Channel Edit:** Edit your channel list. You can rename, delete, move or skip a channel in ATV mode.
 - **Rename:** Change the name of the selected channel.
 - **Delete:** Delete the selected channel. The deleted channel can be recovered by scanning channel.
 - **Move:** Move the location of the selected channel.
 - **Skip:** Skip the selected channel. To recover the skipped channel, select the icon and press **OK** to confirm.

Network



- **Network Option:** You can be in the current network environment as needed, select the network connection status and connection method, including: OFF, Ethernet, PPPoE and wireless network.

- **OFF:** Turn off the network options.



NOTE

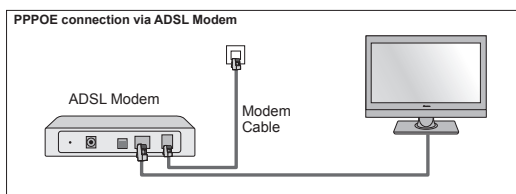
When using wired network, make sure the network cable is in good condition and connected to the TV's ETHERNET jack. Any proxy server is not supported.

- **Ethernet: DHCP**

The network address will be searched automatically (router set up as Allow Auto Access). After a successful connection, the system will display "Ethernet connect succeed".

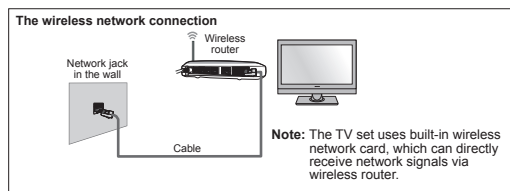
- **Ethernet: Static IP**

You should input the network address by manual. Press **▲/▼ button** to select the address location, press **OK** to pop up the soft keyboard, manually input the network address. After a successful connection, the system will display "Ethernet connect succeed".



- **WB: PPPoE**

Make sure that the external device before using the connection is successful, you can connect via ADSL Modem. Select PPPOE settings pop up dialog box, input the user name and password (ISP hosts need to configure PPPOE user name and password). Select the "Confirm" icon and press **OK** to connect to the network.



- **Wireless Network:** Auto search or manually add wireless network resource in current area.

- Enter Wireless Setting interface, select a wireless network, press **OK** to confirm. Then a password dialog box will pop up, if the network is encrypted, input password, after selecting "Connect" icon, press **OK** to connect; otherwise, select "Connect" icon and press **OK** to connect directly.

- **Manual Setting:** For networks without broadcasting SSID in current area, you can add them by manual. Select "Manual Setting" icon and press **OK**, input SSID, 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: Select a wireless network and then press **OK**, you can connect or delete wireless network after inputting password.

- **Soft AP:** If the set has already connected to the wired network, other devices supporting Wi-Fi function can connect Internet using this function.

Settings: You can modify SSID and password by "Edit" icon. Other devices can be connected the TV set via wireless network, and use the TV's network connect Internet after a successful connection.

NOTE

The default SSID is set randomly, and the password is "12345678". It's recommended to modify default SSID and password, or else others may access network resource by default SSID and password.

- **Wi-Fi Display:** The TV's wireless networks opens, select Wi-Fi Display, the TV side can display the screen of Miracast-enabled devices.

Select this option, the supported Wi-Fi display (Miracast) devices (such as Android 4.2 phone / PAD, etc.) within the specified time searching initiate a connection to the TV. The TV begin to connect after receiving an invitation. The content on the device can be on the TV's screen to share after the connection is successful.

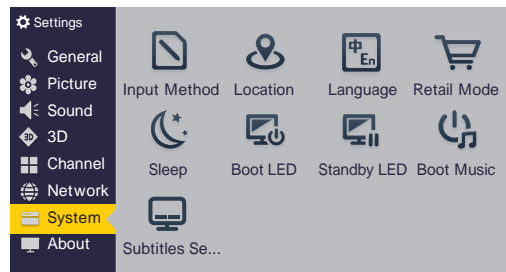
- **Network Information:** Display current network information: IP address, Netmask, Gateway, DNS address, Wired/Wireless MAC. Network connection is unsuccessful, IP address, Netmask, Gateway, DNS address specific information is not displayed.

□ Bluetooth

You can use Bluetooth to communicate between the TV and other Bluetooth devices.

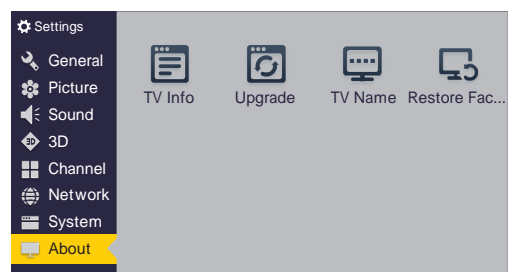
- **Auto pairing:** Enable/disable Bluetooth feature.
- **Available:** Display the available Bluetooth devices in range.
- **Search for devices:** Scan for the available Bluetooth devices in range. Press the [/ ▼] buttons to select the desired Bluetooth device.

▣ System



- **Input Method:** Set the TV's current input method.
- **Location:** After setting a location, the TV displays weather information of the area on the home page .
- **Language:** Switch the OSD language.
- **Retail Mode:** Set open the Market mode or not.
- **Sleep:** You can set the TV to enter the standby mode automatically, including: OFF, 15min, 30min, 60min, 90min, 120min.
- **Boot LED:** Select ON, the power indicator is on in boot state. Select OFF, the power indicator is off in boot state.
- **Standby LED:** Select ON, the power indicator is on in standby state. Select Breathe, the power indicator is flash in standby state. Select OFF, the power indicator is off in standby state.
- **Boot Music:** Set the boot music on/off.
- **Subtitles Settings:** You can turn on/off the digital television subtitles, and select the subtitle language.

▣ About




- **TV Info:** You can check information about Software Version, Ethernet MAC and etc.
- **Upgrade:** Update system software to latest version through Internet. (For more information, see "Upgrade" of Advanced Features)
- **TV Name:** You can select and edit the TV's name.
- **Restore Factory Settings:** You can restore to the factory settings.

Upgrade

Functions

Update system software to latest version through Internet.

Operations

☐ **Enter the App:** You can press **Setting**  button, select the **More** option -> **About** -> **Upgrade**. If you select the "Manual Update" icon, then the Manual Update interface will pop up. If you check "Auto Update", the TV system upgrade set up as automatic mode.

☐ Manual Update

● Version Check

- If the server has updated system files, the TV will prompt detection to the latest version.
- If you are willing to upgrade, select upgrade icon and press **OK** to confirm.

● 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, the system will prompt the user to upgrade, if you choose to immediately restart, the TV will restart.

● **Reboot and Recovery:** The system will reboot the TV and into recovery mode, install the upgrade package, after installation is complete, the system will automatically reboot.

☐ Auto Update

- The TV automatically check the version every boot in Auto Update mode. If the server has updated system files, this will prompt detection to the latest version. The download progress will display in the Status Bar of Home page.
- When the file is downloaded, the system will verify the file. Then the system will prompt the user to upgrade, if you choose to immediately restart, the TV will restart. If you choose not to remind, the Auto Update mode will be cancel.
- The system will reboot the TV and into recovery mode, install the upgrade package, after installation is complete, the system will automatically reboot.

NOTES

- System upgrade download files will be stored in the TV cache (in the case of not using U disk or TF card upgrade). If the upgrade is not completed in the case of shutdown, the system will clear the cache content. The update file will re-download to complete the system upgrade when boot again.
- If the upgrade fails, then you can manually turn off the TV, then boot into the main system. If the TV can not enter the main system, please contact Hisense customer service for home service.
- When the system upgrade, the upgrade package will download from Hisense terminal server, including "normal upgrade" or "forced upgrade".



- If the upgrade package is "forced upgrade", the entire upgrade process can not cancel.
- The TV detects the download space before the system upgrade, if insufficient space will be prompted to insert U disk or TF card. When using U disk or TF card upgrade, the TV recognizes only the first insertion of mobile devices.
- Prohibit turning off power, pulling out U disk or TF 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.

Account

Functions

Hisense Cloud Account can login and share resources on a variety of terminal Hisense Smart TV, Hisense I'TV, tablet and mobile phone. Once logged in, you can enjoy HiMarket, Cloud · Media and other services.

Operations

☐ **Enter the App:** You can press **Setting**  button, select the **More** option -> **General** -> **Account**, or select the Account icon of Applications. You can Login / Register / cancel Hisense account, if you have not registered / logged when using certain services will prompt you to register / login; Press the **Return**  button to exit the sign in box. To use another account login, please click the "Account Switch" icon, cancel the current account, login again with another account.

NOTE

When registering, please fill in the correct mailbox, this will be the only way to retrieve your password.

☐ **Forgot Password:** If you forget Hisense account password, click into this and follow the prompts to retrieve password.

☐ **Account inquiries and recharge:** When you download paid applications or other pay service, you need to use Hisense account of beans.

● **Account inquiries:** Hisense account home page, you can click on the Account info, Bill History, Balance Inquiry several icons query information about the current login account.

● **Recharge:** Hisense account home page, you can select mobile phone recharge card or bank account recharge card ways depending on the recharge. Click on the Recharge History icon to view the history about the current login account.


NOTE

You have to login Hisense account before queries, recharge and bindings.

Using the Home Page

Illustrations for reference only.



- **Operations:** You can press **Home**  **button** to enter the Home page.
- **Interface Instructions:**
 - ① **Poster content** is recommended contents or applications of the Navigation Bar.
 - ② **Status Bar:** Displays the current time, weather, and network status. The Status Bar can not be selected.
 - ③ **Navigation Bar:** Provide access to applications and content. Part of the top of the screen which is the recommended application area.

NOTES

- The recommended application area's apps will be updated.
- Recommend you to download applications from the HiMarket, as any problem with applications at stores not designated by Hisense is not in the scope of warranty.

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

Applications

- **Functions:** You can find all applications of the TV in this interface.
- **Operations:**
 - **Enter the interface:** You can enter the Home page, when the focus in the navigation bar by pressing the **▼ button** to switch to the Applications interface.
 - **Basic operations:** Press **◀/▶ button** to switch the page, press **Return ⇨ button** or **▲ button** to exit the interface.
- **Hot Apps:** Applications interface including: Hot Apps and All Apps. The default apps are Photo, Video and music when you into Hot Apps for the first time. According to the frequency of the application's using, the application's icon will list in Hot Apps. The Hot Apps list up to 7 icons.

HiMarket

Functions

HiMarket offers video, music, games, stocks, shopping, social, educational and other types of applications. You can download app from the HiMarket, install a variety of free or paid apps, expanding features of the TV.

Operations

- **Enter the App:** You can select the HiMarket icon of the Home page or the Applications.
- **Apps browse, comment, share and download**
In application details page, you can browse the information of application, comment, share and download the application. Please log in Hisense account before comment.
Download some applications need to pay, if the account balance is insufficient, please follow the prompts to recharge.
If space is insufficient, the application can not download, please clean up the space.
- **Application management:** The menu including: Downloading, Installed and Update available, you can manage the apps in different state. And you can manage the program of system in APP management of the TV's **More** option.
- **Application search:** Search only supported by application name, input keyword of the application name in the search box, select the Search icon to search.

NOTES

- Parts of the temporary files, data or downloaded files generated from operation of application procedures are saved in the U disk or TF card. If prompt on inserting U disk or TF card appears, please insert U disk or TF card 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 U disk or TF card may cause abnormality of the application procedure. This is not attributable to the application procedure itself, recommend change of U disk or TF card.

Multi-screen Interaction

Functions

The TV accomplishes multi-screen function by the Android mobile device, IOS device or computer operations, including intelligent remote control, multimedia files pushing, screen sharing and other functions. This function is mainly operating in the mobile device-side, TV-side will automatically response operation. (For more information, please consult sales staff)

Operations

- ❑ **Open the Multi-screen Service:** You can press **Setting** ⚙ button, select the **More** option -> **General** -> **Multi-screen Service**, set the option as "on".
 - Android mobile device can scan the two-dimensional code download "Hisense share" application, you can also visit the following URL to download it: "http://hiapp.hismarttv.com/download/hishare/", the installation is complete after using the relevant function.

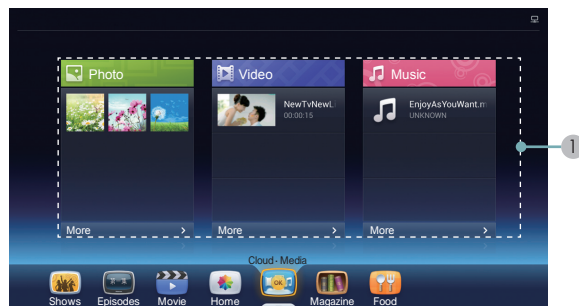


- IOS device can be share the local pictures, video resources after the "Air Joy" application of the TV is on.
- You can download the software of multi-screen: <http://tvlist.dnet-home.net/nettv/samescreen/> in PC.

NOTES

- PC, Android mobile device, IOS device 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, Android mobile device, IOS device and TV have some delay by reason of wireless network.

Cloud • Media



- ❑ **Functions:** You can enjoy photo, video or music in USB devices or Cloud.
- ❑ **Interface Instructions:** You will enter the interface when selecting Cloud • Media in Navigation Bar.
 - ① **Select the media source:** Select the corresponding media icon to browse the media file, or Select on All (photo, video, music) icon to enter the corresponding browser interface.

Music

- ❑ **Functions:** You can enjoy the music in external devices, Cloud or DLNA by this tool.
- ❑ **Operations:**
 - **Enter the Music:** You can click the music files in the Cloud • Media. You can also click the music icon in the Applications to enter browser interface, and select music to play.
 - **Play/Pause:** After selection, press **OK** to play music, and re-press **OK** to pause music.
 - **Previous/Next:** Press **◀/▶** button to play the previous/next music.
 - **Exit:** Press **Return** ↵ button to exit the play interface, back to the previous interface.
- ❑ **Menu Instructions:** Press **Cute** 🗨 button to display the menu when playing music.
 - **Upload to Hisense Cloud / Download to external device:** Local displays only the "Upload to Hisense Cloud" files; Cloud displays only the "Download to external device" file. (Upload music files have size limits, if over the limit will upload fails)
 - **Upload / Download Manager:** You can view the current upload and download records.
 - **Cycling Mode:** Adjust the cycling mode of music, including Repeat, Marked, Cycle and random. Marked refers to repeat of all ticked songs.
 - **Play List:** Select the desired mark song, press **▶** button to tick it, re-press **▶** button to undo it.
 - **Delete:** Delete the music in the Cloud.

- **Detail Information:** View the music information.
- **Help:** View the help information.

Photo

- **Functions:** You can enjoy the photos in external devices, Cloud or DLNA by this tool.
- **Operations:**
 - **Enter the Photo:** You can click the photo files in the Cloud · Media. You can also click the photo icon in the Applications to enter browser interface, and select photo to browse.
 - **Play:** Press the **OK** to start the automatic slideshow, re - press **OK** to stop the slideshow.
 - **Previous/Next:** Press **◀/▶** button to play the previous/next photo.
 - **Exit:** Press **Return** **↵** button to exit the play interface, back to the previous interface.
- **Menu Instructions:** Press **Cute** **☺** button to display the menu when browsing photos.
 - **Upload to Hisense Cloud / Download to external device:** Local displays only the "Upload to Hisense Cloud" files; Cloud displays only the "Download to external device" file. (Upload music files have size limits, if over the limit will upload fails)
 - **Upload / Download Manager:** You can view the current upload and download records.
 - **Photo Slide Setting:** Adjust the speed for displaying photos.
 - **Open/Close Background Music:** Turn on/off the background music.
 - **Background Music Setting:** From the same source of selected, select background music during the photo playback.
 - **Enlarge:** Enlarge the size of photo.
 - **Rotate:** Rotate the photo.
 - **Delete:** Delete the photo in the Cloud.
 - **Detail:** View the photo information.
 - **Help:** View the help information.

Video

- **Functions:** You can enjoy the videos in external devices, Cloud or DLNA by this tool.
- **Operations:**
 - **Enter the Video:** You can click the video files in the Cloud · Media. You can also click the video icon in the Applications to enter browser interface, and select video to play.
 - **Play/Pause:** Press **OK** to play or pause video.
 - **Forward/Backward:** Press **◀/▶** button to play the previous/next music.
Press **◀/▶** button for different time, you can select different video forward / backward speed. Long press **◀/▶** button to faster speed of forward / backward.
 - **Previous/Next:** Press **▲/▼** button to play the previous/next video.
 - **Exit:** Press **Return** **↵** button to exit the play interface, back to the previous interface.
- **Menu Instructions:** Press **Cute** **☺** button to display the menu when playing video.
 - **Upload to Hisense Cloud / Download to external device:** Local displays only the "Upload to Hisense Cloud" files; Cloud displays only the "Download to external device" file. (Upload music files have size limits, if over the limit will upload fails)
 - **Upload / Download Manager:** You can view the current upload and download records.
 - **Play List:** Press **▲/▼** button to select a video, press **OK** to confirm.
 - **Audio Track:** Select track for current video.
 - **Subtitle:** Select subtitle for current video.
 - **Advanced Settings:** You can adjust the Image Zoom, Subtitle code, Subtitle color.
 - **Play mode:** Adjust the loop mode of video, including all loop, single loop and order loop.
 - **Delete:** Delete the music in the Cloud.
 - **Detail Info:** View the photo information.
 - **Help:** View the help 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")

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. The current should be no more than 500mA when the single USB jack is connected with external devices, and the total current should be no more than 1200mA when all the USB jacks are connected with external devices. 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.

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 contra, 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 settings and select suitable 3D format for the video source. ● If you use the active 3D glasses, check if the glasses are powered on.