

IMPORTANT INFORMATION

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

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CHILD SAFETY:

It Makes A Difference How and Where You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:



THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

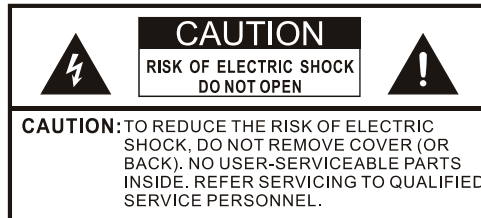


WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.



Important Safety Instructions



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



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

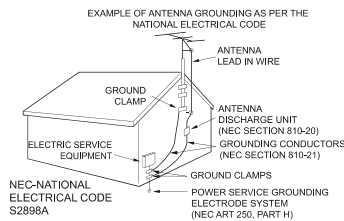
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
10. The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
11. The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
12. This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
13. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Important Safety Instructions

14. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
15. Only use attachments/accessories specified by the manufacturer.
16. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
17. Unplug this apparatus during lightning storms or when unused for long periods of time.
18. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
19. Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
20. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
21. Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
22. Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.



S3125A



23. If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges, Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Important Safety Instructions

24. When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
25. Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.
26. When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.
27. Sudden high volume sound may cause hearing or speaker damage. When you use headphones, (if the unit is equipped with a headphone jack) keep the volume at a moderate level. If you use headphones continuously with high volume sound, it may cause hearing damage.

CONDENSATION:

Moisture will form in the operating section of the unit if the unit is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, unit's performance will be impaired. To prevent this, let the unit stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the unit is exposed to the breeze from an air conditioner. In such cases, change the location of the unit.

HOW TO HANDLE THE LCD PANEL:

- Do not press hard or jolt the LCD panel. It may cause the LCD panel glass to break and injury may occur.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
If the liquid gets in your mouth, immediately gargle and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Possible Adverse Effects on LCD Panel:

If a fixed (non-moving) pattern remains on the LCD Panel for long periods of time, the image can become permanently engrained in the LCD Panel and cause subtle but permanent ghost images. This type of damage is NOT COVERED BY YOUR WARRANTY. Never leave your LCD Panel on for long periods of time while it is displaying the following formats or images:

- Fixed Images, such as stock tickers, video game patterns, TV station logos, and websites.

Important Safety Instructions

- Special Formats that do not use the entire screen. For example, viewing letterbox style (16:9) media on a normal (4:3) display (black bars at top and bottom of screen); or viewing normal style (4:3) media on a widescreen (16:9) display (black bars on left and right sides of screen).

The following symptoms are not signs of malfunction but technical limitation. Therefore we disclaim any responsibility for these symptoms.

- LCD Panels are manufactured using an extremely high level of precision technology, however sometimes parts of the screen may be missing picture elements or have luminous spots.
This is not a sign of a malfunction.
- Do not install the LCD Panel near electronic equipment that produces electromagnetic waves. Some equipment placed too near this unit may cause interference.
- Effect on infrared devices - There may be interference while using infrared devices such as infrared cordless headphones.

End of life directives

Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed black (in the case of a dead pixel), blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

Power source

TO USE AC POWER

1. The power cord is attached to the TV at the factory.
2. Connect the AC cord into an AC outlet.

WARNING

Do not connect this unit to the power using any device other than the supplied AC cord. This could cause fire, electrical shock, or damage.

Do not use with a voltage other than the power voltage specified. This could cause fire, electrical shock, or damage.

CAUTION

When this unit is not used for a long time, (e.g., away on a trip) in the interest of safety, be sure to unplug it from the AC outlet.

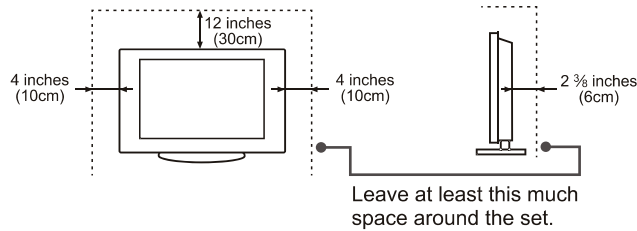
Do not plug/unplug the AC cord when your hands are wet. This may cause electrical shock.

Important Safety Instructions

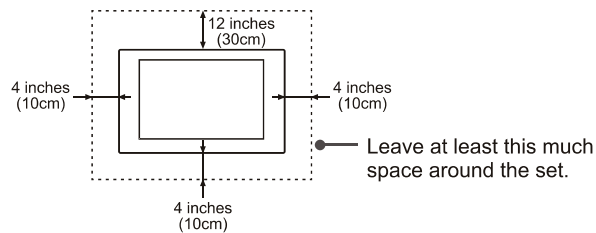
When Installing the TV Against a Wall or Enclosed Area

Make sure that your TV has adequate air circulation. Allow enough space around the TV as shown below. Avoid operating the TV at temperatures below Inadequate air 41°F (5°C).

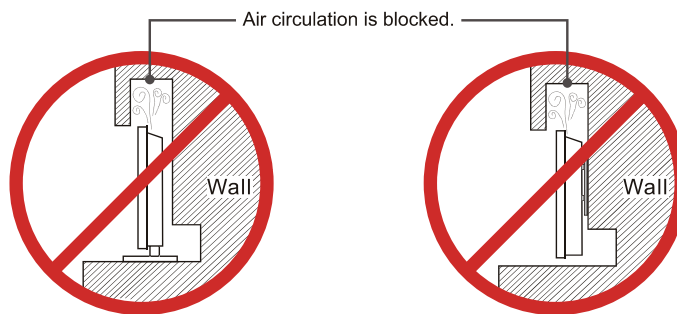
Install with stand



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 a fire.

FCC Statement

FCC ID: W9HLCDC0020

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a class B digital Device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio Communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Energy Star

Your Hisense TV is ENERGY STAR[®] qualified in the "Standard" mode. It meets strict energy efficiency guidelines established by the U.S. Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of these government agencies, designed to promote energy efficient products and practices. Changes to certain features, settings, and functionalities of this TV (i.e. TV Guide, Picture, Sound) can increase or change the power consumption. Depending upon such changed settings, the power consumption may exceed the limits required for the ENERGY STAR qualification in the "Energy Savings" mode.



NOTE

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority.
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.
Hisense and associated logos where applicable are registered trademarks of Hisense Group in the United States and/or other countries. All other trademarks are property of their respective owners. 2011 Hisense USA, Corporation. All Rights Reserved.
Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



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.

<i>SYMPTOMS</i>	<i>POSSIBLE SOLUTIONS</i>
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 [POWER] button on the remote control. ● Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	<ul style="list-style-type: none"> ● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound.	<ul style="list-style-type: none"> ● Check the volume settings. ● Check if Mute mode is set "on".
Sound but no picture or black and white picture.	<ul style="list-style-type: none"> ● If black and white picture first unplug TV from AC outlet and replug after 60 seconds. ● Check Color Setting if picture is black and white.
Sound and picture distorted or appear wavy.	<ul style="list-style-type: none"> ● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	<ul style="list-style-type: none"> ● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking.	Check if there is interfering source nearby, such as appliance or electric tool.
The plastic cabinet makes a "clicking" type of sound.	"Click" sound can be caused when the room temperature changes. This change causes the television cabinet to inflate or contract, which makes the sound. This is normal and TV is OK.
Black square appears in the center of my television screen?	The Closed Caption function is set in the text mode. To remove it, access Closed Caption from the menu screen and change the Mode setting from text to either CC1 or off .

Trouble Shooting

<i>SYMPTOMS</i>	<i>POSSIBLE SOLUTIONS</i>
On some channels getting another language or sometimes no sound at all.	<p>That would indicate that the MTS mode on your unit is set to SAP mode. We suggest setting the MTS mode to either Stereo or Mono . For further instruction, please see Audio Adjust or MTS/SAP in your user manual.</p> <ul style="list-style-type: none"> ● SAP is Second Audio Program. It's a second audio channel that is usually used for a second language or descriptive audio for the visually impaired. ● MTS stands for Multichannel Television Sound, a standard that allows the encoding of 3 channels of audio within a standard NTSC (analog) video signal to a television. A television that is able to receive MTS Stereo allows you to watch television with stereo sound.
Not getting all of my cable channels on the television or I'm only getting 13 channels.	<ul style="list-style-type: none"> ● Check the cable connection for an incoming signal. Make sure the signal is coming OK. Best way to confirm signal is to use another TV and/or contact your cable company. ● Reprogram your channels. Press [MENU] button on your TV remote control, change Input Source setting to "Cable", then use "Auto Channels Search" to reprogram your channels.
[CH \wedge / V] don't work when I set the Channel to Cable? They work with the Air setting?	<p>After switching to Cable, please auto program the channels. The TV will "remember" all the channels then the TV will allow you to surf the channels with [CH \wedge / V] buttons.</p>
Remote control does not work.	<ul style="list-style-type: none"> ● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed. ● Clean the front of the remote control (LED window). ● If using a universal remote, be sure to select the TV mode on the remote. ● If the remote still does not work: <ul style="list-style-type: none"> • Remove and reinstall the batteries correctly to reset the remote or install new batteries. • Press the Power button to turn on the TV. With a universal remote if you have reset or changed the batteries you will need to reprogram the remote for the other units. ● Check if there is obstruction between the remote control and the TV. <p>TIP: If you have a digital camera / camera phone, you can aim the front of the remote at camera lenses (at this time, the camera should set on camera mode, not play mode). Observe the camera screen while pressing a button on the remote control; you should see flashing light on the screen. If there is no light observed, the remote control is not working. You need to repair or replace the remote control.</p>

Specifications

NOTE

Features, appearance and specifications are subject to change without notice.

Model Name		32D20	
Dimension	With Stand	Width: 29.0 inches(738.3 mm) Height: 19.5 inches(495 mm) Depth: 7.0 inches(180 mm)	
	Without Stand	Width: 29.0 inches(738.5 mm) Height: 17.7 inches(450.5 mm) Depth: 3.6 inches(90.3 mm)	
Weight	NET	16.5 lbs(6.2 kg)	
	GROSS	19.8 lbs(7.6 kg)	
LCD Panel Minimum size (diagonal)		32 inches	
Screen resolution		1366 × 768	
Audio power		8 W + 8 W	
Power consumption		Please refer to the rating label	
Power supply		120 V ~ 60 Hz	
Receiving systems	Analog	NTSC	
	Digital	ATSC	
Environmental conditions		Temperature: 5°C-45°C Humidity: 20%-80% RH Atmospheric pressure: 86 kPa-106 kPa	
VIDEO INPUT	VGA	Format	Up to 1920x1080@60Hz
	VIDEO	Video System	PAL/NTSC
		Video level	1.0 Vp-p +/-5%
	COMPONENT	480i, 480p, 720p, 1080i, 1080p	
HDMI	480i, 480p, 720p, 1080i, 1080p		
MEDIA	Photo	.jpeg/.jpg	
	Music	.mp3	
	Movie	.avi (motion jpeg)	

The remote control requires:

- Number of Batteries: 2
- Type : AAA
- Voltage: 1.5Vcc

**HISENSE LCD TV's Limited
WARRANTY TO
ORIGINAL PURCHASER
LCD - LED TV
Up to 32" - carry or ship in service only
37" and above-On-Site service**

The Warranty for Hisense Branded Product (including any accessories included in the packaging) as supplied and distributed is warranted by Hisense Canada Co. Ltd ("Hisense") to the original purchaser against defects in material and workmanship ("Warranty") as follows:

1. **LABOR:** For a period of one year from date of original customer purchase, if this Product or any functional part is determined by HISENSE, or a HISENSE authorized service provider, to be defective, HISENSE will repair or replace the Product, at HISENSE's option, at no charge to the original purchaser, or pay the labor charges to any HISENSE authorized service provider. After the expiration of the one year Warranty period, purchaser is responsible for all labor charges.
2. **PARTS:** For a period of one year from the date of original customer purchase, HISENSE will supply, at no charge to the original purchaser, replacement functional parts in exchange for defective functional parts. After the one year Warranty period, purchaser is responsible for the costs of all parts.
3. **TRANSPORTATION:** Customer assumes responsibility for all transportation or shipping charges of product to Hisense Service Center. Hisense is not responsible for damages that occur due to improper packaging and shipping of your unit to Hisense Service Center. During the aforementioned warranty period, Hisense will pay the cost of shipping the TV back to the consumer at Hisense expense. Any damages that arise due to the return shipment will be the responsibility of Hisense. Product 32" or below are not eligible for in-home service.
4. **On-Site SERVICE:** On-site service requires clear, complete and easy access to the product by the authorized servicer and does not include removal or re-installation of an installed product. It is possible that certain on site repairs will not be completed on-site, but will require that the product or parts of the product, at the servicer's discretion be removed for shop diagnosis and/or repair and then returned.

To obtain Warranty Service and Troubleshooting information:

Call our Electronics Consumer Care Center at 1-855-344-7367

or Email servicecanada@hisense.com in Canada.

To receive Warranty service, the original purchaser or sales agent must contact HISENSE for problem determination and service procedures. Proof of purchase in the form of an original bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented to HISENSE, or an authorized service provider, in order to obtain the requested service.

Exclusions and Limitations: This Warranty covers manufacturing defects in materials and workmanship encountered in the normal use of the Product, and does not cover consumer instruction, delivery, installation, set-up, adjustments, signal reception problems (including antenna), cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence, commercial use or modification of, or to any part of the Product. In addition, this Warranty does not cover images "burnt" into the screen. This Warranty applies to the original purchaser only and does not cover products sold AS IS or WITH ALL FAULTS, or consumables (e.g., fuses, batteries, bulbs etc.), and the Warranty is invalid if the factory-applied serial number has been altered or removed from the Product. This Warranty is valid only in Canada Only, and only applies to Products purchased and serviced in Canada Only,

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE EXPRESSLY DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVE BY ANY PERSON, FIRM OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BE BINDING ON HISENSE. THIS WARRANTY IS THE EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCT AND HISENSE IS THE EXCLUSIVE WARRANTY PROVIDER FOR THE PRODUCT. REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY OF THE CONSUMER. HISENSE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THE PRODUCT. NOTWITHSTANDING THE FOREGOING, CONSUMER'S RECOVERY AGAINST HISENSE SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT SOLD BY HISENSE. THIS WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER WHO PURCHASED THE PRODUCT AND IS NOT TRANSFERABLE.

CUSTOMER RECORD

(Please Retain for your records)

Date of Purchase: _____ Store/Dealer: _____

Model No.: _____ Serial No.: _____

Important: Keep all original products packaging materials and *the original receipt* in the event Product needs service.

1 ACCESSORIES LIST

- User Manual
- Quick Setup Guide
- Important Information
- Remote Control
- Battery (AAA) × 2
- Screw (ST4×12F)×4

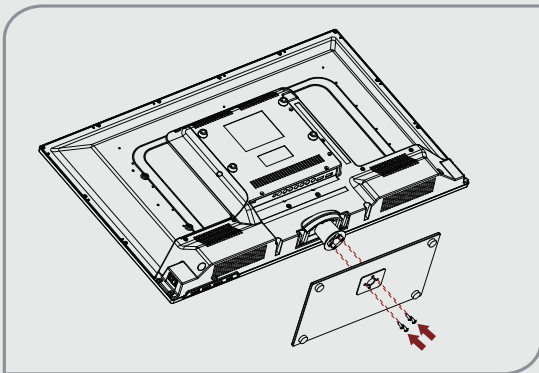
If the item is not specified in the accessories list, it should be provided by customer.

2 INSTALLING THE STAND

NOTE

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

1. Attach the stand to the TV set as shown in the picture.
2. Use the screws (ST4X12F)X4 to fix the stand tightly.

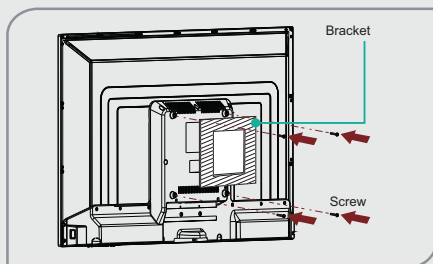


CAUTION

Carefully place your TV facedown on a soft, cushioned surface to prevent damage to the TV or scratching to the screen.

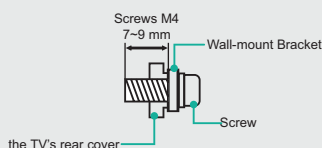
3 INSTALLING A WALL-MOUNT BRACKET

1. If you want to attach the TV to a wall-mount bracket (not provided), you should first remove the stand if it is pre-attached. Make sure the TV is laid face-down on a clean, safe, and cushioned surface.
2. Attach purchased bracket on the TV with the 4 screws (Not provided).



⚠

To prevent internal damage to the TV and ensure the TV is mounted securely, be sure to use fixing screws (Not provided) which are 7 mm to 9 mm in length when measured from the attaching surface of the mounting hook.

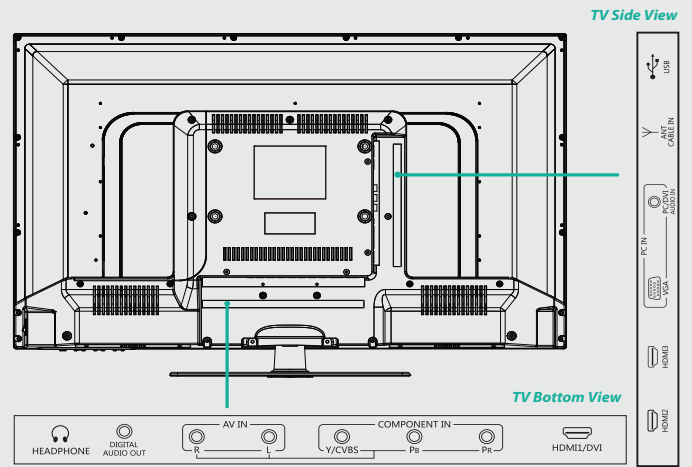


Wall-mount hole pattern VESA (mm)	200 × 100
Wall-mount screw size (mm)	M4

3. Follow instructions provided with the wall bracket.

- If you are not sure of your ability to complete the installation, contact a professional installer or service technician for assistance. The manufacturer is not responsible for any damages or injuries that occur due to mishandling or incorrect assembly.
- Be sure to use the provided spacers between the TV and the bracket when attaching the mount.

4 MAKING CONNECTIONS

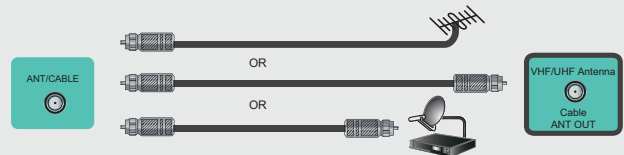


ANT/CABLE IN	Connect an antenna or cable TV to this jack.
HDMI/DVI	HDMI (High-Definition Multimedia Interface) provides an uncompressed, all digital audio/video interface between this TV and any HDMI-device, such as a set-top box, Blu-ray disc player, or A/V receiver.
COMPONENT IN	Connect to a DVD player, Digital Set-Top-Box, or other A/V devices with component (YPBPR) video and audio output jacks. Component audio Jack share with AV IN audio Jack. Support: 480i\480p\576i\576p\1080i\1080p.
AV IN	Connect to the composite video and audio (L/R) output jacks on external video devices.
VGA PC/DVI AUDIO IN	Connect to a PC or other devices with a VGA interface.
HEADPHONE	Connect headphone or analog sound system using RCA Y-cable(1/8" -stereo mini to L/R phono-not provided).
DIGITAL AUDIO OUT	Connect to an external digital audio device.
USB	Photo, Music, Movie play and software update.

Some external devices impossible insert to this set for individual difference. Please replace with appropriate external signal cable or increase the adapter to match with the port in such case.

Check the jacks' for position and type before making any connections. Loose connections can result in image or color problems. Make sure that all connections are tight and secure.

- ▶ **ANT/CABLE** Connect to a broadcast antenna or cable TV.



- ▶ **VGA & PC / DVI AUDIO IN**

Connect to a personal computer's video and audio output connector.



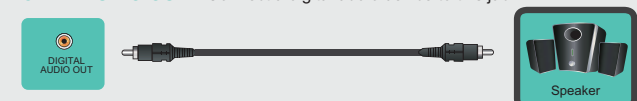
- ▶ **USB** Connect the USB disk with standard USB 2.0 port to this jack.

Data Input from USB Memory Stick only.

Do not connect any device to this jack such as digital camera, keyboard, mouse, etc.



- ▶ **DIGITAL AUDIO OUT** Connect a digital audio device to this jack.



BEST

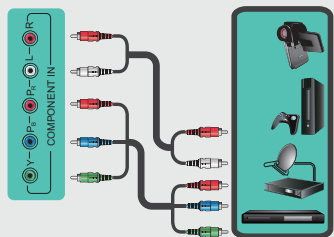
▶ HDMI IN



Available devices: DVD, Blu-ray player, Audio Video Receiver, cable box, satellite receiver, game station.

BETTER

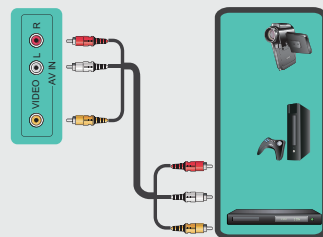
▶ COMPONENT IN



Available devices: DVD, Blu-ray player, Audio Video Receiver, cable box, satellite receiver, game station.

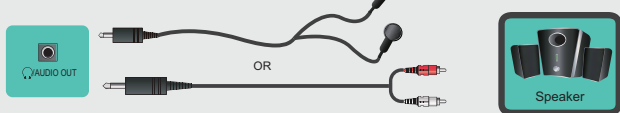
GOOD

▶ AV IN

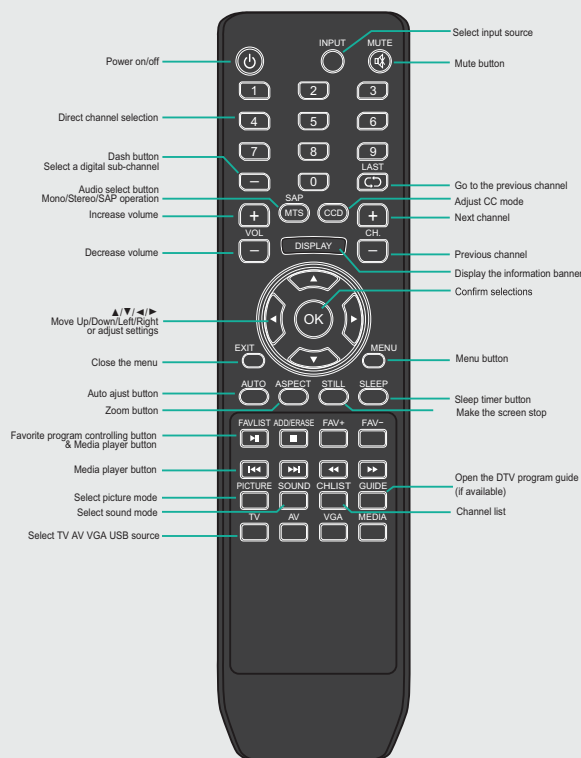


Connect the composite video and audio output jacks of your legacy A/V equipment, such as a VCR.

▶ HEADPHONE Connect headphone or analog sound system using RCA Y-cable (1/8"-stereo mini to L/R phono-not provided).



5 VIEWING THE REMOTE CONTROL



Program Your Universal Cable or Satellite Remote Control to Operate Your New Hisense Television!

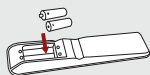
If you would like to program your other household remote controls to your new Hisense television, please consult the User's Manual supplied by your Cable or Satellite provider. The Cable or Satellite providers' User's Manuals should include instructions on how to program their remote to your television.

▶ CHANGE THE BATTERIES

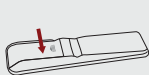
1. Push the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.



1 Gently lift up



2 Insert the batteries



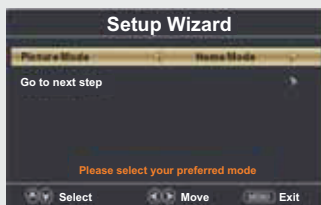
3 Gently push down

6 Turning the TV On for the First Time

1. Press [◀ / ▶] to select the language to be used for menus and message.
2. Press [▼ / ▲] to select go to next step and press [OK / ▶] button to go.



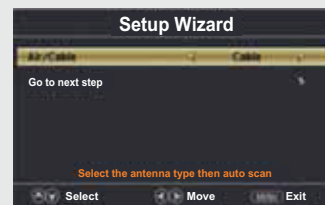
1. Press [▲ / ▼] to select your Picture Mode: Home Mode or Retail Mode, press [ENTER] button to confirm.
2. For energy saving, we kindly suggest you select the Home Mode.



1. Press [▼ / ▲] to select the time zone, daylight saving time and time format you want to.
2. Press [◀ / ▶] to adjust.
3. Press [▼ / ▲] to select go to next step and press [OK / ▶] button to go.



Press [◀ / ▶] to select your Tuner Mode: Antenna or Cable, press [ENTER] button to confirm.



7 TROUBLE SHOOTING

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 [POWER] button on the remote control. ● Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	<ul style="list-style-type: none"> ● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal.
Picture is normal, but no sound.	<ul style="list-style-type: none"> ● Check the volume settings. ● Check if Mute mode is set "on".
Sound but no picture or black and white picture.	<ul style="list-style-type: none"> ● If black and white picture first unplug TV from AC outlet and replug after 60 seconds. ● Check Color Setting if picture is black and white.
Sound and picture distorted or appear wavy.	<ul style="list-style-type: none"> ● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	<ul style="list-style-type: none"> ● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
[CH ▲ / ▼] don't work when I set the Channel to Cable? They work with the Air setting?	<p>After switching to Cable, please auto program the channels. The TV will "remember" all the channels then the TV will allow you to surf the channels with [CH▲/▼] buttons.</p>
Remote control does not work.	<ul style="list-style-type: none"> ● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed. ● Clean the front of the remote control (LED window). ● If using a universal remote, be sure to select the TV mode on the remote. ● If the remote still does not work: <ul style="list-style-type: none"> • Remove and reinstall the batteries correctly to reset the remote or install new batteries. • Press the Power button to turn on the TV. With a universal remote if you have reset or changed the batteries you will need to reprogram the remote for the other units. ● Check if there is obstruction between the remote control and the TV. <p>TIP: If you have a digital camera / camera phone, you can aim the front of the remote at camera lenses (at this time, the camera should set on camera mode, not play mode). Observe the camera screen while pressing a button on the remote control; you should see flashing light on the screen. If there is no light observed, the remote control is not working. You need to repair or replace the remote control.</p>

Hisense
INNOVATION IS LIFE

USER MANUAL

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

ES-M131006

English

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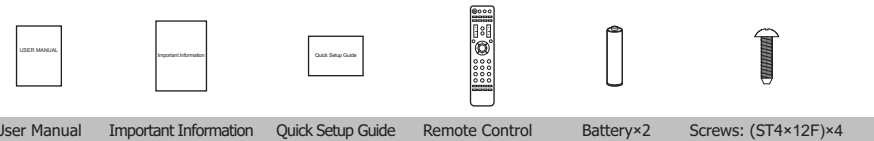
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Getting Started

Accessories List



Installing the Stand

NOTES

1. The LCD display is very fragile, and must be protected at all times when removing the base stand. Be sure that no hard or sharp object, or anything that could scratch or damage the LCD display, comes into contact with it. DO NOT exert pressure on the front of the TV at any time because the screen could crack.
2. For tabletop use, the TV must be attached to the provided stand as shown on this page.
3. To Wall-Mount, the Table-Top Stand must be removed from the TV first, and the brackets (not provided) must be attached to the TV. Please refer to the Wall Bracket Installation Instruction (inside the Wall Bracket Box).

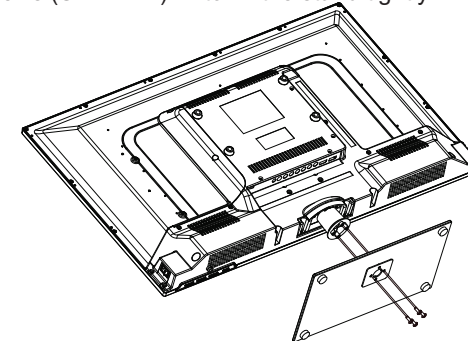
WARNING

Be sure to disconnect the AC power cord before installing a stand or Wall-Mount brackets.

CAUTION

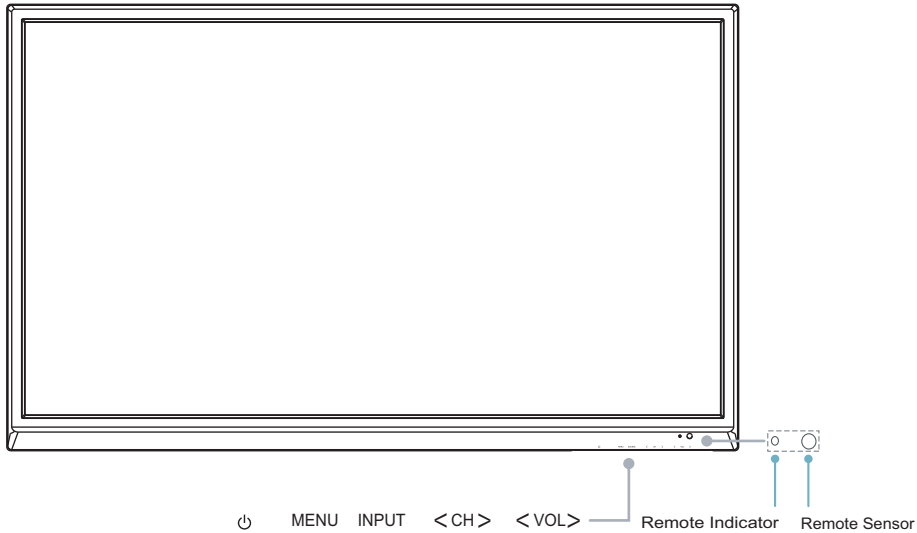
Follow the illustrations below to complete the installation steps:

1. Attach the stand to the TV set as shown in the picture.
2. Use the screws (ST4X12F)X4 to fix the stand tightly.



Getting Started

Viewing the Control Panel



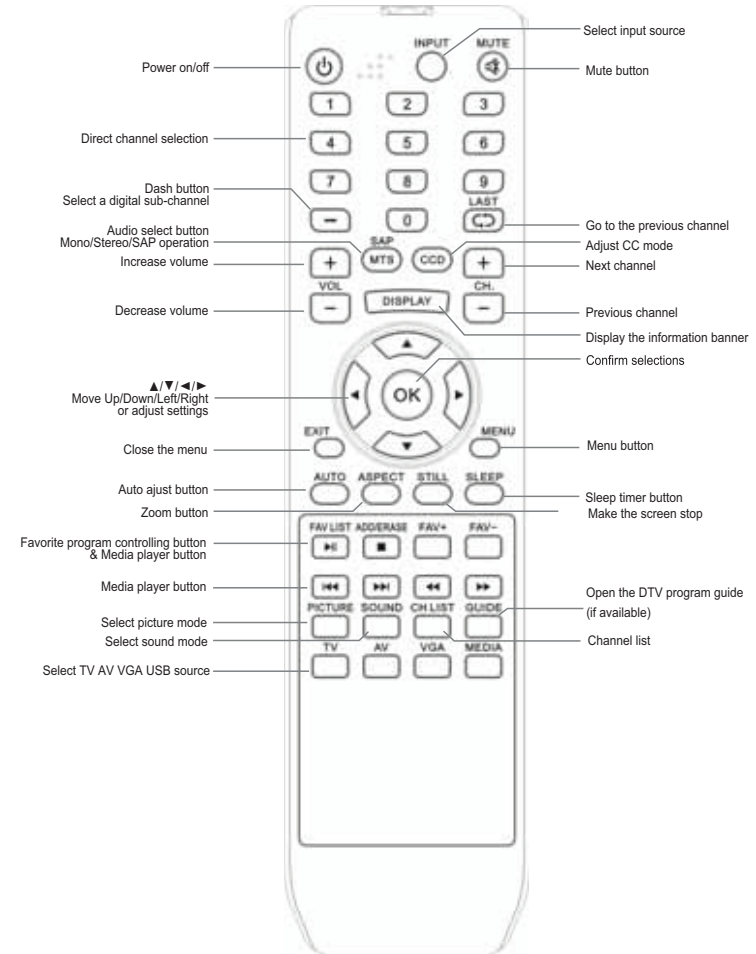
Item	Description
Remote Sensor	Receives remote signals from the remote control. Do not put anything near the sensor, as its function may be affected.
Power Indicator	The light is red in standby mode, and it's blue when your TV turns on.
MENU	Open or close the OSD menu.
INPUT	Select among the different input sources. INPUT also has the "OK" function in some cases.
CH \wedge / CH \vee	Select the channel.
VOL \wedge / VOL \vee	Adjust the volume.
STANDBY ⏻	Turn on the TV or put the TV in standby mode.

NOTES

- FOR ILLUSTRATION ONLY.
- Powering up or down the TV requires several seconds of processing time. Do not rapidly turn the TV on/off as abnormal operation may occur.

Getting Started

Viewing the Remote Control



Program Your Universal Cable or Satellite Remote Control to Operate Your New Hisense Television!

If you would like to program your other household remote controls to your new Hisense television, please consult the User's Manual supplied by your Cable or Satellite provider. The Cable or Satellite providers' User's Manuals should include instructions on how to program their remote to your television.

Getting Started

Below is a list of Hisense codes for the most common Cable and Satellite providers. Use the Hisense code that is associated with your Cable or Satellite provider(if applicable).

DIRECTV.....	0178 or 10019
Time Warner Cable.....	386,0178 or 10178
Comcast	0178 or 10178
Cox Communications	0178 or 10178
Dish Network	627 or 505
AT&T U-verse	1346 or 1041

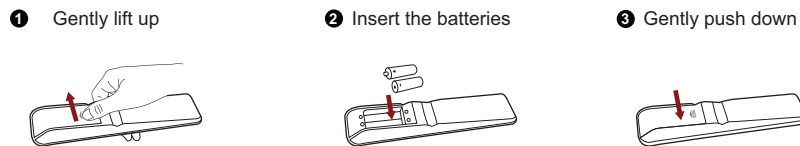
NOTES

If the Hisense code associated with your Cable or Satellite provider is not listed above, if the code above does not work, or if you cannot locate the instructions for programming your household remote to your television, call your local Cable or Satellite provider's customer service center. If your Cable or Satellite provider does not have an Hisense code available, please visit <http://www.hisense-usa.com> for additional codes.

Installing Batteries in the Remote Control

Change the batteries

1. Push the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.

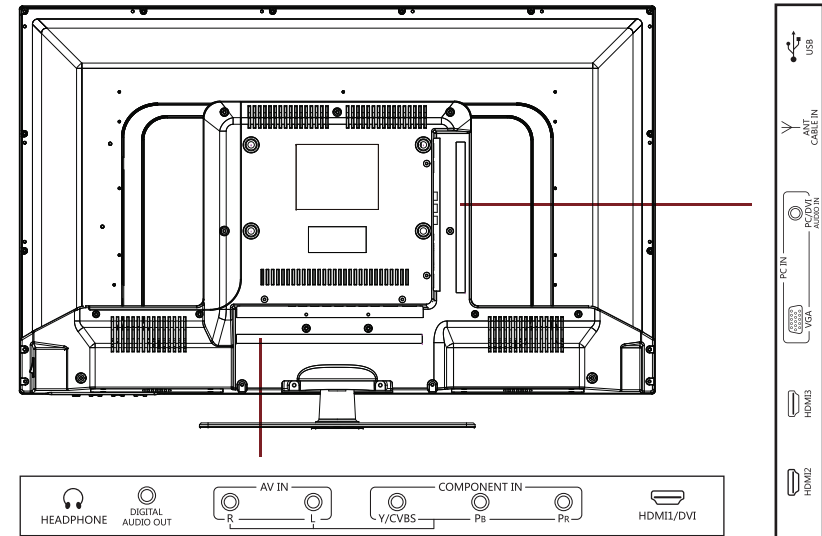


NOTES

1. Dispose of your batteries in a designated disposal area. Do not throw the batteries into a fire.
2. Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.
3. If you do not intend to use the remote control for a long time, remove the batteries.
4. Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
5. Do not mix old and new batteries.
6. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.
7. The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Getting Started

Making Connections



Item	Description
ANT/CABLE IN	Connect an antenna or cable TV to this jack.
HDMI/DVI	HDMI (High-Definition Multimedia Interface) provides an uncompressed, all digital audio/video interface between this TV and any HDMI-device, such as a set-top box, Blu-ray disc player, or A/V receiver.
COMPONENT IN	Connect to a DVD player, Digital Set-Top-Box, or other A/V devices with component (YPBPR) video and audio output jacks. Component audio Jack share with AV IN audio Jack. Support: 480i\480p\576i\576p\1080i\1080p.
AV IN	Connect to the composite video and audio (L/R) output jacks on external video devices.
VGA PC/DVI AUDIO IN	Connect to a PC or other devices with a VGA interface.
HEADPHONE	Connect headphone or analog sound system using RCA Y-cable (1/8"-stereo mini to L/R phono-not provided).
DIGITAL AUDIO OUT	Connect to an external digital audio device.
USB	Photo, Music, Movie play and software update.

NOTE

Some external devices impossible insert to this set for individual difference. Please replace with appropriate external signal cable or increase the adapter to match with the port in such case.

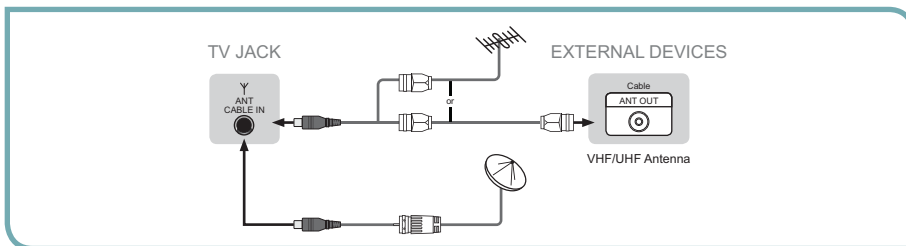
Getting Started

NOTES

- Check the jacks for position and type before making any connections. Loose connections can result in image or color problems. Make sure that all connections are tight and secure.
- Not all A/V devices have the ability to connect to a TV, please refer to the user's manual of your A/V device for compatibility and connections procedure.
- Always unplug the power cord when connecting external equipment.

Connecting an antenna, cable or cable/satellite box

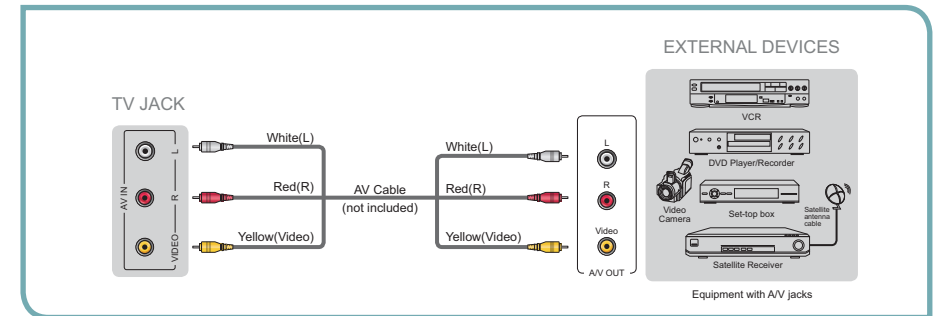
1. Turn off the TV before connecting the antenna.
2. Connect one end of a coaxial cable (not included) to the RF OUT jack on the antenna, cable or cable/satellite box. If you are using an antenna with twin-lead cable, you may need a 300-75 ohm adapter (not provided) to connect it to the back of your TV. Likewise, if you are using several antennas, you may need a combiner (not provided).
3. Connect the other end of the cable to the ANT/CABLE IN jack on the side of your TV.



Connecting an A/V Device with Composite Cable

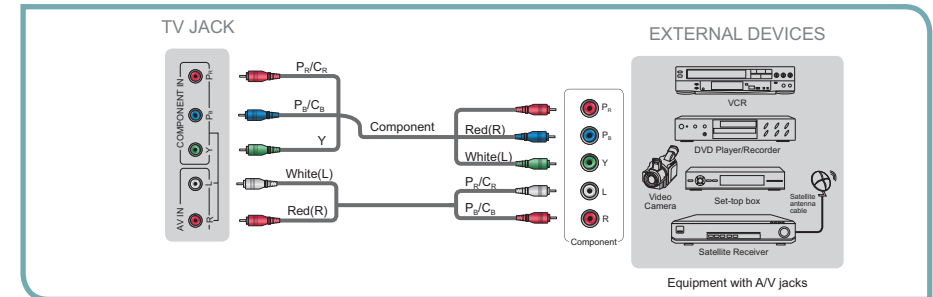
1. Use the audio and video cables to connect the external A/V device's composite video/audio jacks to the TV's jacks. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.

Getting Started



Connecting an A/V Device with Component (YPBPR) Cable

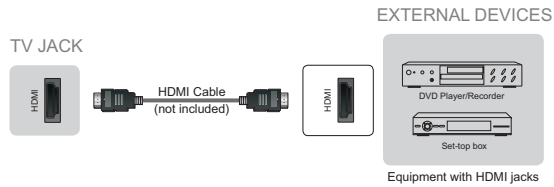
1. Use a component cable to connect the external A/V device's component output jacks to the TV's YPBPR jacks. Use an audio cable to connect the external A/V device's component audio jacks to the TV's AUDIO (L/R) jacks.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



Connecting an A/V Device with HDMI Cable

- Support digital connections between HDMI - enabled AV devices such as PVR, DVD, Blu-ray, AV receiver and digital devices.
 - Some devices such as PVR or DVD player require HDMI signal to be set to output in the device's settings.
 - Please consult your device user manual for instructions.
1. Use an HDMI cable to connect the A/V device's HDMI output jack to the TV's HDMI jack.
 2. Plug the connected devices into the mains socket before switching on the TV .
 3. Select the corresponding source from the TV.

Getting Started

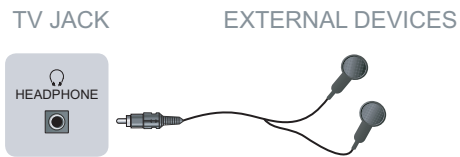


NOTE

The HDMI connector provides both video and audio signals, it's not necessary to connect the audio cable.

Connecting a headphone

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

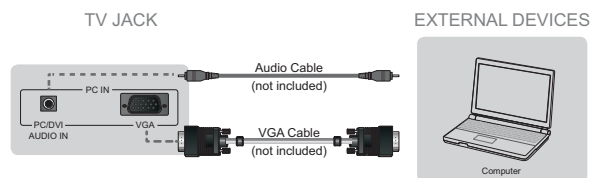


NOTE

To prevent possible hearing damage, do not listen at high volume levels for long periods.

Connecting a PC with VGA Cable

1. Use a VGA cable to connect the PC's VGA output jack to the TV's VGA jack.
Use an audio cable to connect the PC's audio output jack to TV's VGA AUDIO IN jack.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



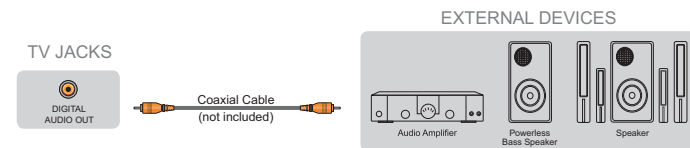
Getting Started

NOTE

- Primarily this unit is intended for use as an LCD TV. If you want to use it as a monitor, please contact the manufacturer of the PC Video/Graphic's card for further support. Perfect compatibility is not warranted.
- The VGA cable will not supplied with the product.
- We strongly recommend to use VGA cable with 2 cores as shown in the figure.

Connecting an Audio Receiver with Digital Audio out cable

1. Use a coaxial cable to connect the A/V device's digital audio in jack to the TV's DIGITAL AUDIO OUT jack.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



NOTE

- When a digital audio system is connected to the DIGITAL AUDIO OUT (COAXIAL) jack, decrease the volume of both the TV and the system.
- 5.1 CH (channel) audio is available when the TV is connected to an external device supporting 5.1 CH.
- When the receiver (home theater) is set to on, you can hear sound output from the TV's digital audio out jack. When the TV is receiving a DTV signal, the TV will send 5.1 CH sound to the home theater receiver. When the source is connected to the TV via HDMI, only 2 CH audio will be heard from the home theater receiver. If you want to hear 5.1 CH audio, connect the digital audio out jack from your DVD/Blu-ray player/cable box/STB satellite receiver directly to an amplifier or home theater.

Turning your TV on or off

To turn your TV on or off (standby mode):

1. Plug the power cord into an AC power outlet.
2. Press [POWER] button. Your TV turns on.
3. Press [POWER] button again to turn off your TV. When you turn off your TV, it goes into standby mode.

⚠ WARNING

When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

✔ NOTE

If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Selecting the Input Source

The first time you turn on your TV, you must select the TV signal source. Your TV stores this information, so you do not need to change the TV signal source unless it changes. For example, you change from an outside antenna to cable TV.

To select the video input source:

1. Turn on your TV, then press [INPUT] button on the remote or on the TV. The Input Source menu opens.
2. Press [▲/▼] button to highlight the input source, then press [OK] button.

Changing Channels / Volume

1. Press the [CH ▲/▼] (or [CH +/-]) on the TV/remote control to change the channel.
2. Press the [VOL ▲/▼] (or [VOL +/-]) on the TV/remote control to adjust the volume.
3. Press the numeric buttons on the remote control to display the corresponding channels.

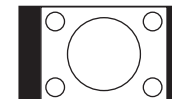
✔ NOTE

Changing the channels can also be achieved by directly entering the channel number using the numeric keys on the remote control. If you are entering a two or three digit channel number, the time between key presses should be less than 3 seconds.

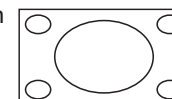
Shortcuts Instructions

Aspect - Select the screen aspect ratio from Normal, Wide, Zoom and Cinema.

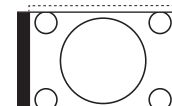
Normal: The original 4:3 aspect ratio (1.33:1 signal) is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



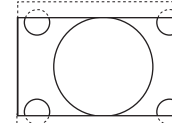
Wide: When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.



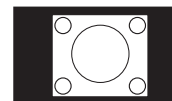
Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.



Cinema: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.



Point to Point: Use the function to see the full image without any cutoff, when VGA signal is inputted.



Picture - Press to set the picture mode. It can be set as Standard, Cinema, User and Vivid. This mode achieves a certain image display effect by setting the brightness, contrast and color etc.

Sound - Press to set the sound mode. It can be set as Standard, Speech, User and Music.

Mute - Press to turn the sound off, press this button again to turn the sound back on. This function is used to switch off sound temporarily.

Sleep - It can set the TV to let it enter into the Standby state automatically. Press this button repeatedly to select the proper sleeping clock mode, and the clock tells you the remaining time before the TV enters Standby state.

Display - Display the information banner. The information including channel number, channel name, current system time, tuner mode, audio stream, video format, audio language, closed caption mode, parental locks rated, program details, etc.

Basic Features

Turning your TV for the First Time

The Initial Setup menu appears the first time you turn on the TV. It will assist you to specify the Energy Saving mode.

Connect your TV's power cord to a power outlet, then press power. The Initial Setup screen opens.

Select Language

Press [◀ / ▶] button on the remote control to select the language to be used for menus and message.

Press [▼ / ▲] button on the remote control to select go to next step and press [OK / ▶] button to go.

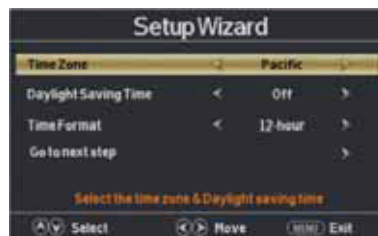


Select Time

Press [▼ / ▲] button on the remote control to select the time zone, daylight saving time and time format you want to.

Press [◀ / ▶] button on the remote control to adjust.

Press [▼ / ▲] button on the remote control to select go to next step and press [OK / ▶] button to go.



Select Picture Mode

Press [◀ / ▶] button on the remote control to select Home Mode or Retail Mode.

Press [▼ / ▲] button on the remote control to select go to next step and press [OK / ▶] button to go.



Auto Scan

Press [◀ / ▶] button on the remote control to select the antenna type, Air or Cable.

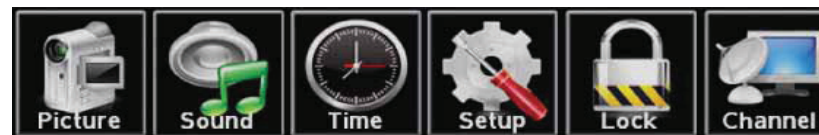
Press [▼ / ▲] button on the remote control to select go to next step and press [OK / ▶] button to start auto scan.



Basic Features



To Use the Main Menu



Press [MENU] to display the main menu or return to the previous menu or close the main menu.

Press [◀ / ▶] to highlight the desired menu icon, and press [OK] to select.

NOTE

If no buttons are pressed, the menu will close automatically after about 10 seconds.

Using the Picture Menu

You can adjust:

Picture Mode - Adjust the Picture Mode. You can select Standard, Vivid, Soft, User, Energy saving.

Brightness - Increase or decrease the brightness of the picture. Increasing the brightness can add more light to dark areas of the picture, while decreasing the brightness can add more darkness to light areas of the picture.

Contrast - Increase or decrease the contrast of the picture. Increase the contrast to adjust the white areas of the picture or decrease the contrast to adjust the black areas of the picture.

Color - Adjust the intensity of the colors.

Tint - Adjust the hue (Red, Green, Blue) of the picture.

Sharpness - You can increase the sharpness level for clearer images or decrease the sharpness level for smoother images.

Color Temperature - Adjust the overall color of the picture.

Advanced Settings - Access advanced video settings such as Aspect Ratio, Noise Reduction, and Dynamic Contrast.

