



## FCC Statement

### 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.

FCC ID Number WiFi Module: WWMMN421V1

### ⚠ 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.

**HDMI™**

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.

\* Specifications subject to change without notice. All other trademarks, logos and copyrights are the property of their respective owners.



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.

## Energy Star

Your Hisense TV is ENERGY STAR® qualified in the "energy saving" mode. It meets strict energy efficiency guidelines set 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 saving" mode.



### ☒ NOTE

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



# 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

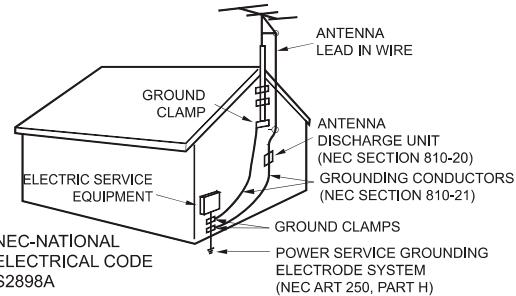
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. 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.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. 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.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
15. Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
16. 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.
17. Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
18. 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

19. 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.

EXAMPLE OF ANTENNA GROUNDING AS PER THE NATIONAL ELECTRICAL CODE



20. 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.
21. 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.
22. 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.
23. 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.

# Important Safety Instructions

## 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.
- 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.

## Declaration of Conformity

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.

## 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](http://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

**Disclaimer:** Hisense USA companies ("Hisense"). A wired or wireless Internet connection is required for certain features and is not included with the television; please contact a local Internet Service Provider for assistance. Content suppliers may require a subscription to activate or use their services which is not included with the television and is sold separately. The Hisense TV web browser supports a variety of multimedia platforms however it does not support all players nor does it support every player version, therefore, access to certain web content may be limited or unavailable.

**INTERNET CONNECTION, ACCEPTANCE OF END USER LICENSE AGREEMENT (EULA) AND REGISTRATION OF YOUR HISENSE TELEVISION SERIAL NUMBER IS REQUIRED. YOU MUST BE AT LEAST 13 YEARS OF AGE TO REGISTER ONLINE. HISENSE MAY ADD, DELETE, MODIFY, OR TERMINATE ONLINE SERVICES WITHOUT NOTICE.**

**Consent to Use of Data:** To facilitate the provision of software updates, any dynamically served content, product support and other services you agree that Hisense and its affiliates may collect, use, store and transmit technical and related information that identifies your television (including an Internet Protocol Address), its operating system, application software and any connected devices. Hisense and its affiliates may also use this information in the aggregate, in a form which does not personally identify you, to improve our products and services and we may share anonymous aggregate data with our third party service providers.

**Internet Performance Issues:** A broadband Internet connection is required for access to Internet Apps and Content. To avoid poor performance while accessing Internet Apps and Content, be sure other devices on the same Internet connection are not running file sharing applications, streaming audio or video content and are not logged in to chat-rooms. These applications may consume your connection's bandwidth, causing lag or other undesirable effects. This television uses TCP and UDP port(s) to access Internet Apps and Content. Please consult your router or personal firewall documentation for information on how to allow access to these ports. If you are installing this television on a corporate Internet connection, contact your network administrator for information and assistance.

**Liability:** The Hi-Smart portal may be linked to other sites on the World Wide Web or Internet which are not under the control of or maintained by Hisense. Such links do not constitute an endorsement by Hisense. You acknowledge that Hisense is providing these links to you only as a convenience; you further agree that Hisense is not responsible for the content of such sites.

**INFORMATION ACCESSED OR OBTAINED VIA HI-SMART IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OF NON INFRINGEMENT. SOME JURISDICTIONS DO NOT ALLOW FOR THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE EXCLUSIONS MAY NOT APPLY TO YOU.**

Access to certain areas of the Hi-Smart portal is restricted and requires a password for entry. If you are an authorized password holder, you agree that you are entirely responsible for the confidentiality of your password and account information, and agree to notify Hisense immediately if your password is lost, stolen, disclosed to an unauthorized third party, or otherwise may have been compromised. You agree that you are entirely responsible for any and all activities which occur under your account, including any fees which may be incurred under your password protected account whether or not you are the individual who undertakes such activities. You agree to immediately notify Hisense of any unauthorized use of your account or any other breach of security in relation thereof known to you.

You acknowledge that Hi-Smart may include certain inaccuracies or typographical errors which may affect the quality of materials and third-party content. You acknowledge that the materials or any third-party content have not been independently verified or authenticated in whole or in part by Hisense, and agree that Hisense does not warrant the accuracy or timeliness of materials or the third-party content, and further agree that Hisense has no liability for any omissions in the materials and content, whether provided by Hisense or any third-party.

To the maximum extent permitted by applicable law, Hisense shall not be liable to you or a third-party claiming through you for any damage suffered as a result of your displaying, copying or downloading information or material accessed or obtained via Hi-Smart. In no event shall Hisense be liable to you or any third-party for any indirect, extraordinary, exemplary, punitive, special incidental or consequential damages (including loss of data, revenue, profits or other economic advantage) however arising, whether for breach or in tort even if HISENSE has previously advised of the possibility of such possible damage.

**Technical Support:** If you have questions regarding installation, configuration or operation of this product, please telephone a Hisense Customer Care representative who will be happy to assist you with any difficulties you may be experiencing.

# Contents

## Getting Started

Accessories List.....	3
When Installing the TV Against a Wall or Enclosed Area .....	3
Viewing the Control Panel .....	4
Viewing the Remote Control.....	5
Installing Batteries in the Remote Control .....	6
Making Connections.....	7

## Basic Features

Turning the TV on or off.....	11
Turning the TV On for the First Time .....	11
Selecting the Input Source .....	11
Changing Channels / Volume.....	12
Shortcuts Instructions .....	12
To Use the Menu .....	13
Using the Picture Menu .....	13
Using the Audio Menu .....	14
Using the Screen Menu.....	15
Using the Channels Menu .....	15
Using the Settings Menu .....	16
Using the Lock Menu.....	17

## Advanced Features

Network Connection .....	18
DLNA Settings .....	21
Media Share Settings in Computer.....	22
Settings to Share Files .....	22

# Contents

## Advanced Features

Network Function.....	23
Enter the Network Applications.....	24
VUDU HD Movies.....	24
VUDU Apps .....	26
Netflix.....	26
Opera.....	27
YouTube .....	29
Other Apps.....	30
Other Information.....	31
Digital Media Player.....	32
Enjoy Video Files.....	32
Enjoy Music Files.....	33
Browse the Pictures.....	33
Browse the Text Files .....	34

## Other Information

Trouble Shooting .....	35
General.....	37

***Illustrations are for your reference only!***

# Getting Started

## Accessories List



User Manual



Quick Setup Guide



Warranty Card



Remote Control



Battery × 2



Spacer × 4

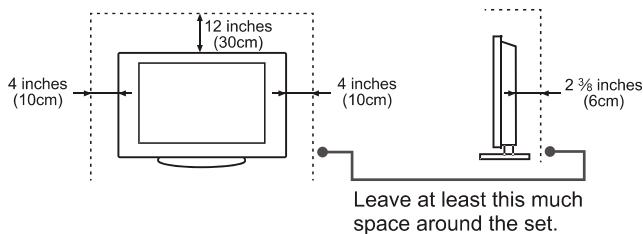


Screws: Screw A (M4×L12)×2    Screw B (ST4×L14)×2    Screw C (M5×L12)×4    Screw D (M6×L25)×4

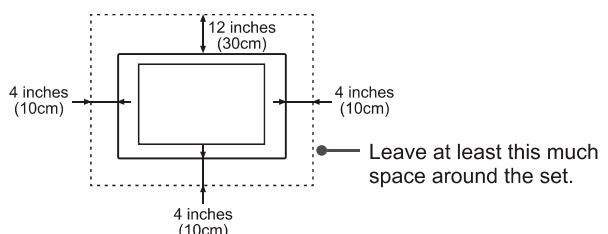
## When Installing the TV Against a Wall or Enclosed Area

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).

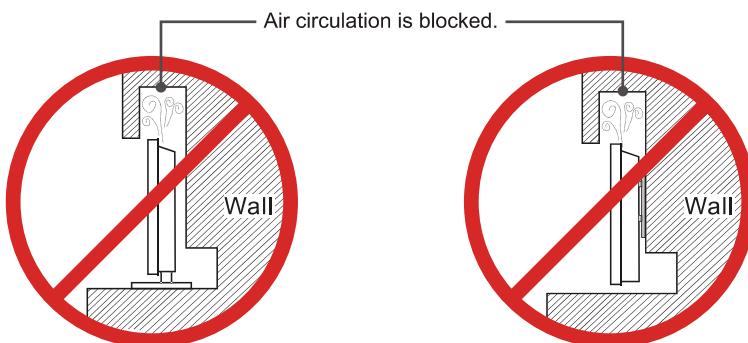
Install with stand



Install on the wall



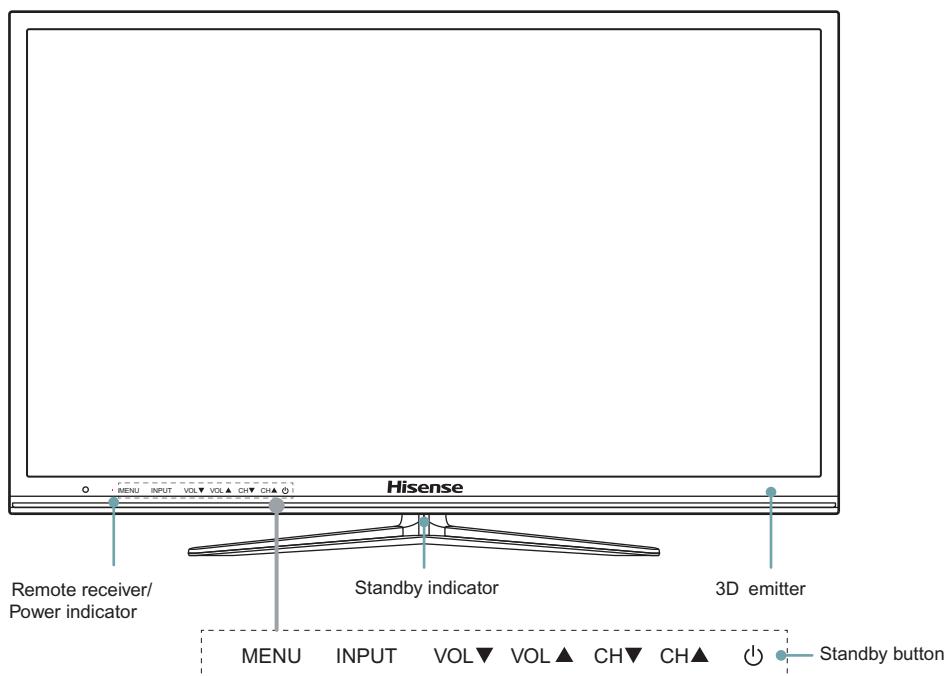
Never install the TV set as follows:



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

# Getting Started

## Viewing the Control Panel



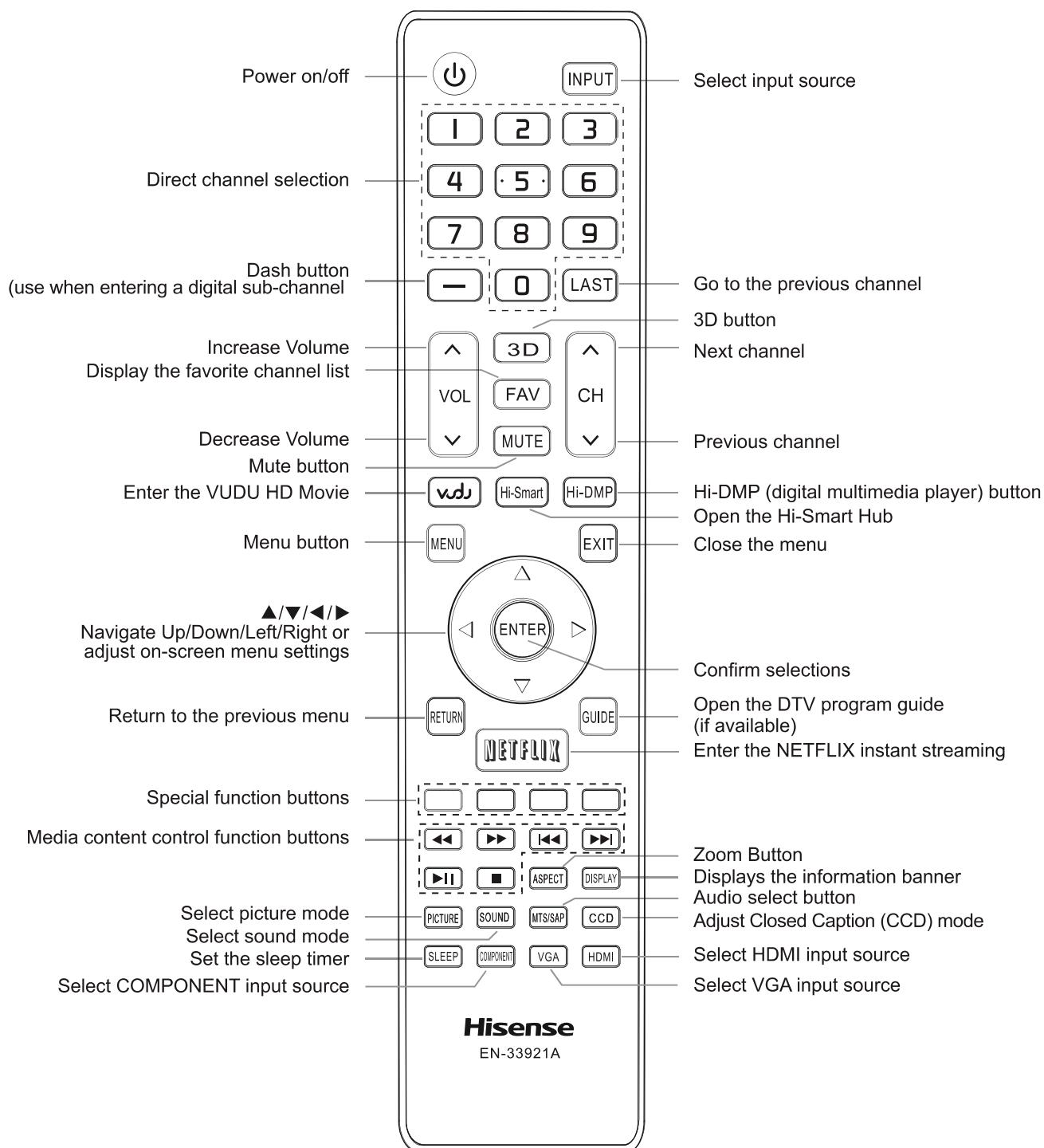
Item	Description
Power indicator	Light up when the power is on.
Remote sensor	Receives remote signals from the remote control. Do not put anything near the sensor, as its function may be affected.
MENU	Display an on-screen menu to setup your TV's features.
INPUT	Select among the different input signal sources.
VOL▼▲	Adjust the volume.
CH ▼▲	Select the channel.
Standby button ⏻	Turn on the TV or put the TV in standby mode.
3D emitter	Sends signals to 3D glasses during playback of 3D movies and TV shows.

### NOTES

- Slightly touch the standby button ⏻ to light up the control button and make adjustment.
- Slightly touch the control button and never exert strong force.
- 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



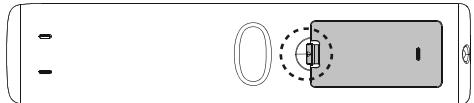
### NOTES

- FOR ILLUSTRATION ONLY.
- [RED/GREEN/YELLOW/BLUE] buttons are used for Electronic Program Guide (EPG), Hi-Smart Hub and Digital Media Player (DMP). After pressing the [GUIDE], [Hi-Smart] or [Hi-DMP] button, the same color buttons will appear with explanations in the on-screen display (OSD). Follow the steps shown in the OSD.

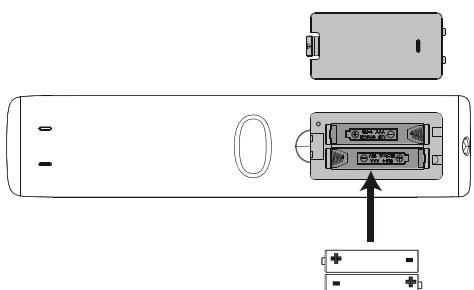
# Getting Started

## Installing Batteries in the Remote Control

1. Press the release button on the back of the remote control to remove the battery compartment cover.



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. Replace the battery compartment cover.

### NOTES

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

### 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.

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).

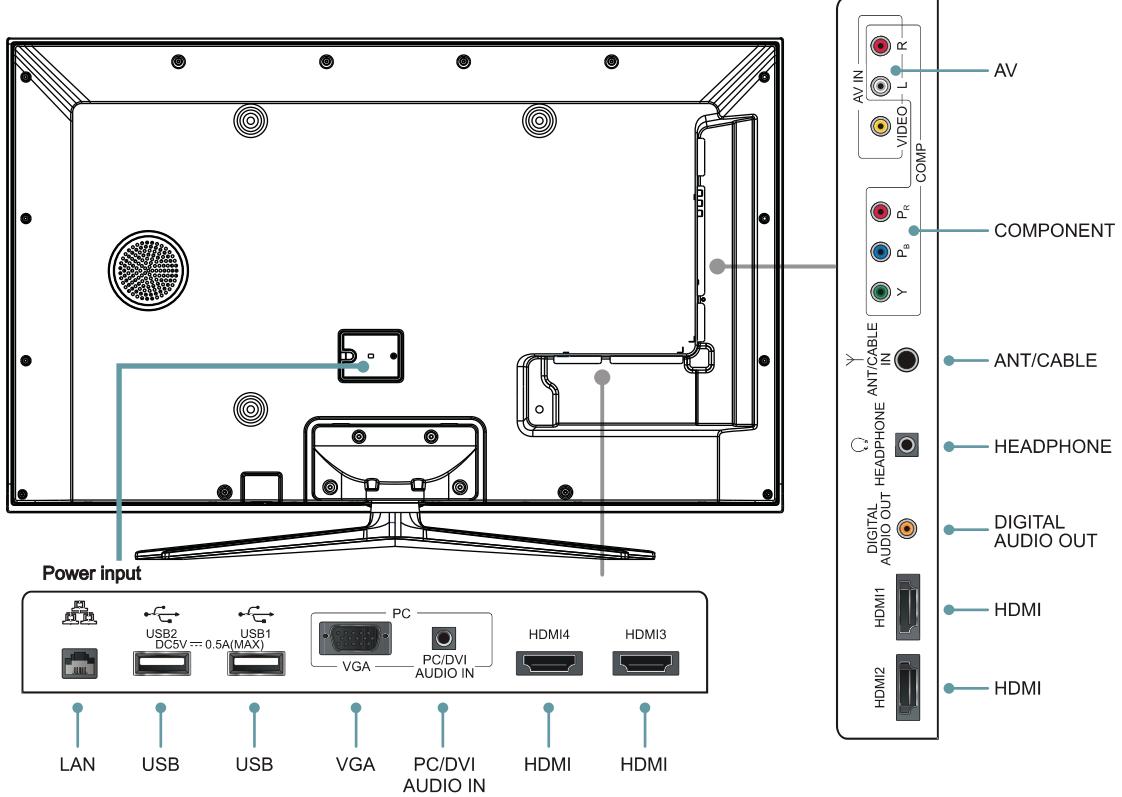
DIRECTV .....	0178 or 10019
Time Warner Cable .....	386 or 0178
Comcast.....	0178 or 10178
Cox Communications .....	0178
Dish Network .....	627 or 505

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.

# Getting Started

## Making Connections



Item	Description
ANT/CABLE	Connect an antenna or cable TV to this jack.
HDMI	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	Connect to a DVD player, Digital Set-Top-Box or other A/V devices with component ( $Y$ , $P_b$ , $P_r$ ) video and audio output jacks.
VIDEO/AUDIO(L,R)	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	Port for Digital Media Player and for charging 3D glasses.
LAN	Connect an ethernet cable to access a network or the Internet.

### 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.

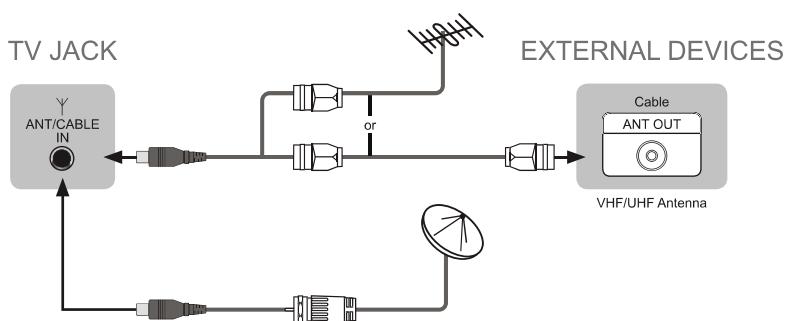
# Getting Started

## 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

- Turn off the TV before connecting the antenna.
- 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).
- 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

- 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)
- Plug the connected devices into the mains socket before switching on the TV.
- Select the corresponding source from the TV.

