Hisense

USER MANUAL

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

ENGLISH   F40K26EW

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.

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.

Energy Star

Your TV is ENERGY STAR® qualified in the "Standard" 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 "Standard" mode.

ENERGY STAR

Canadian Notice:
This Class B digital apparatus complies with Canadian ICES-003 as a Standard Television Receiving Apparatus, Canada BET-7/NTMR7.

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.

CEA
Consumer Electronics Association
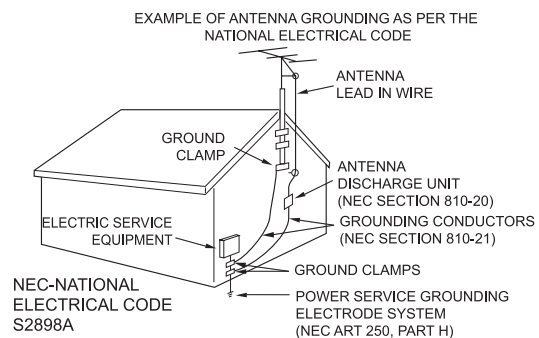**www.CE.org/safety**

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.

S3125A

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.

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

ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
NEC-NATIONAL ELECTRICAL CODE S2898A
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

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.

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 contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. 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 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. Connect the AC cord plug into this unit's AC IN jack.
2. Connect the AC cord into an AC outlet.

☑ NOTE
Please make sure to insert the cord securely at both the TV and the wall outlet.
The AC Cord has a polarized type AC line plug. If the supplied AC cord does not match your AC outlet, contact a qualified electrician.

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.
If you need to replace the supplied AC adapter or AC cord, the specified one is recommended. Contact the dealer that you purchased the unit from.

Contents

Getting Started

Basic Features

Advanced Features

Other Information

☑ **NOTE**

Specifications and pictures are subject to change without further notice.

Accessories list

Manual Book	Remote Control	Battery x 2	Winding	Spacer x 4

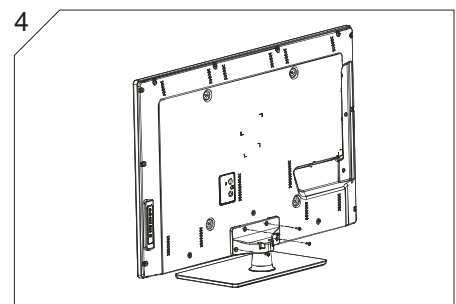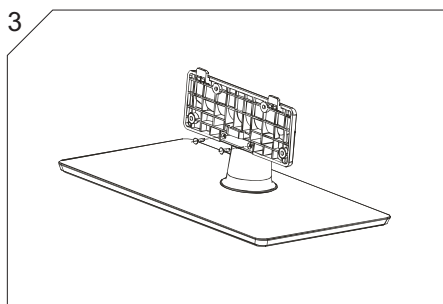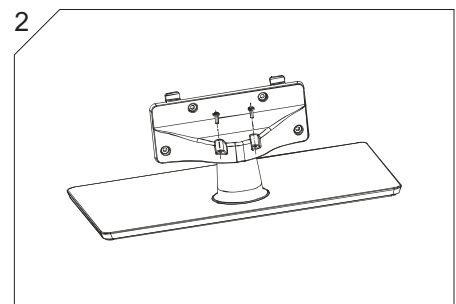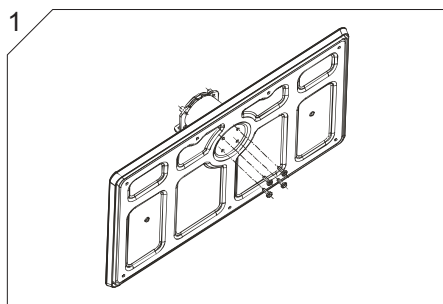|				
Screws:	(M4 x L12) x 6	(M5 x L12) x 4	(ST4 x L14) x 2	(M6 x L25) x 4
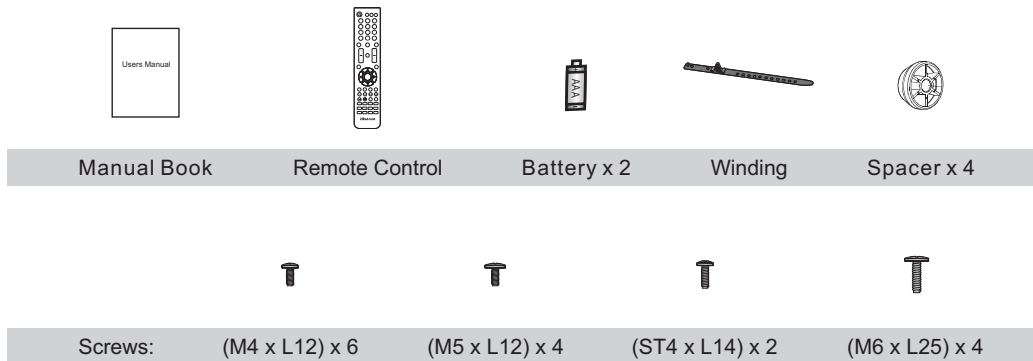
Installing the Stand

☑ NOTE

- Store the stand and stand screws in case you want to decide to the stand in the future.
- The above figures are for reference only, please refer to the actual units to determine the appearances.

To install the stand:

1. Before beginning this process, assure that TV is laid face-down on a clean, safe, and cushioned space to avoid any damage to the unit.
2. Do not touch or press the LCD screen, the glass might break under pressure.
3. Take out the stand, and insert the stand into the TV suitably, then put the stand to relevant position of the TV set until all the holes match each other completely.
4. Erect the TV set, and put it on the proper position for watching.

Follow these below figures to complete the installation steps.

1

Use the 4 screws (M4 x L12) which in accessories bag to fix the base plate and upright.

2

Use the 2 screws (M4 x L12) which in accessories bag to fix the cover plate and upright.

3

Use the 2 screws (ST4 x L14) which in accessories bag to fix the cover plate and upright.

4

Use the 4 screws (M5 x L12) which in accessories bag to fix the base stand and TV set.
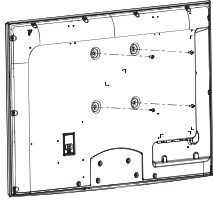
Installing a wall-mount bracket

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 (see above).

To attach your TV to a wall-mount bracket:

1. Make sure the TV is laid face-down on a clean, safe, and cushioned space, remove the original screws in the bracket holes on the TV back over.

2. Place the provided spacer in the corresponding bracket holes. Fix purchased bracket on the TV with 4 screws (M6 x L25) which in accessories bag.
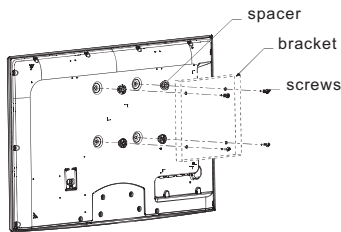

3. Follow instructions provided with the wall bracket.
4. The provided screws (M6 x L25) can be used with brackets 1.5mm to 2.5mm thickness.

⚠ WARNING

Use of screws that not matched may result in internal damage to the TV set or cause it to fall, etc.

-Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.

-The selected screws are 6.5 mm to 7.5 mm in length when measured from the attaching surface of the mounting hook. The diameter and length of the screws differ depending on the Wall-Mount Bracket model.
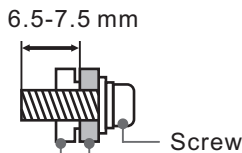
Wall‑mount hole pattern VESA (mm)	400 X 400
Wall‑mount screw size (mm)	M6

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 ℃).

Install with stand

Leave at least this much space around the set.

Install on the wall

Leave at least this much space around the set.
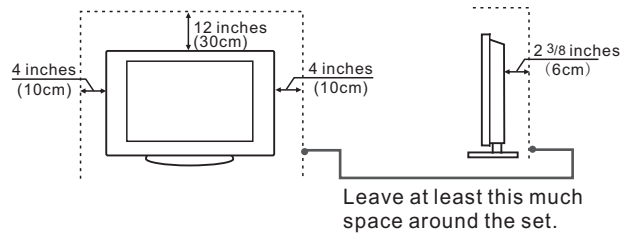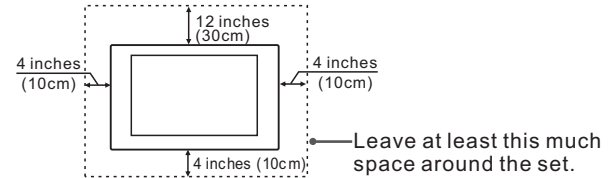
Never install the TV set as follows:

Air circulation is blocked. Air circulation is blocked.

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

Viewing the Control Panel

Power Indicator
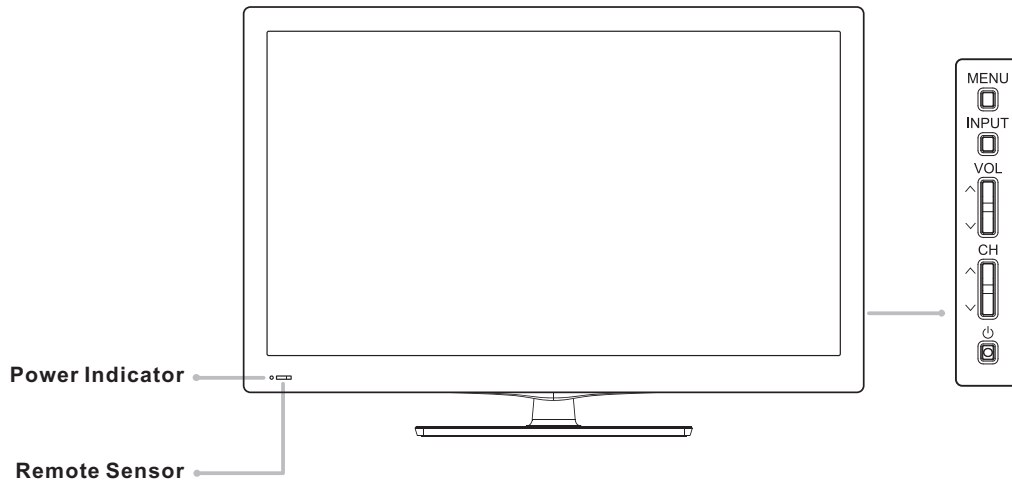
Remote Sensor

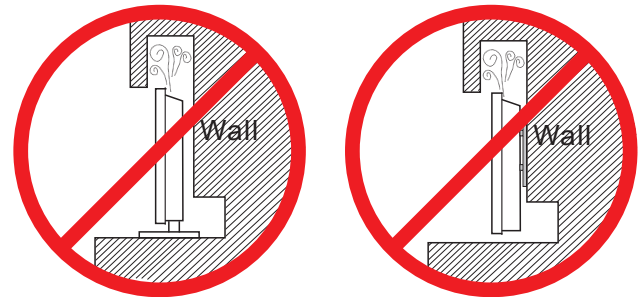| Item	Description
Remote sensor	Receive remote signals from the remote control. Do not put anything near the sensor, as its function may be affected.
Power Indicator	During startup the light flashing alternately red and blue, it is blue when turned on, and it is red in standby mode.
MENU	Display an on-screen menu, the OSD (on screen display) of your TV's features.
INPUT	Select among the different input signal sources.
VOL▼ VOL▲	Adjust the volume. Select sub-menu and adjust setting in OSD menus.
CH▼ CH▲	Adjust the channel. Select items of OSD menu.
⏻	Press to turn on the TV or put the TV in standby mode. **Caution:** The TV continues to receive power even in standby mode. Unplug the power cord to disconnect power.

☑ NOTE

The figures are for reference only, please refer to the actual set.

Getting Started

Viewing the Remote control

Power on/off

Direct channel selection

Dash button
Select a digital sub-channel

Enter the vudu main menu

Increase Volume

Decrease Volume

Menu button

▲/▼/◀/▶
Move Up/Down/Left/Right
or adjust settings

Display the favorite channel list

Close the menu

Media content control
function buttons

Select sound mode

Select picture mode

Select AV Component
VGA HDMI source

Power Indicator

Select input source

Go to the previous channel

HICAST@   NETFLIX

Enter the NETFLIX interface

Enter the network main menu

Next channel

Previous channel

Mute button

Return to the upper menu

Confirm selections

Display the information banner

Open the DTV program guide
(if available)

Set the sleep timer

Zoom Button

Special function buttons

Adjust CC mode

Audio select button
Mono/Stereo/SAP operation

Hisense
EN-31624A

☑ NOTE

1. Illustrations are for your reference only.
2. Red/Green/Yellow/Cyan buttons are used for EPG.
   After pressing the [GUIDE] button when viewing digital channels, the same color buttons will appear with explanations in the on-screen display (OSD). Follow the steps shown in the OSD.
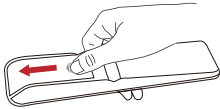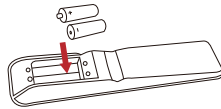
Installing Batteries in the Remote Control

1. Slide 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.
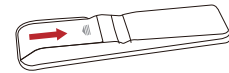
❶ Gently push and slide   ❷ Insert the batteries   ❸ Gently push and slide

☑ NOTE

1. Dispose of your batteries in a designated disposal area. Do not throw the batteries into 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. chemicals touch your skin, wash immediately.

Making Connections
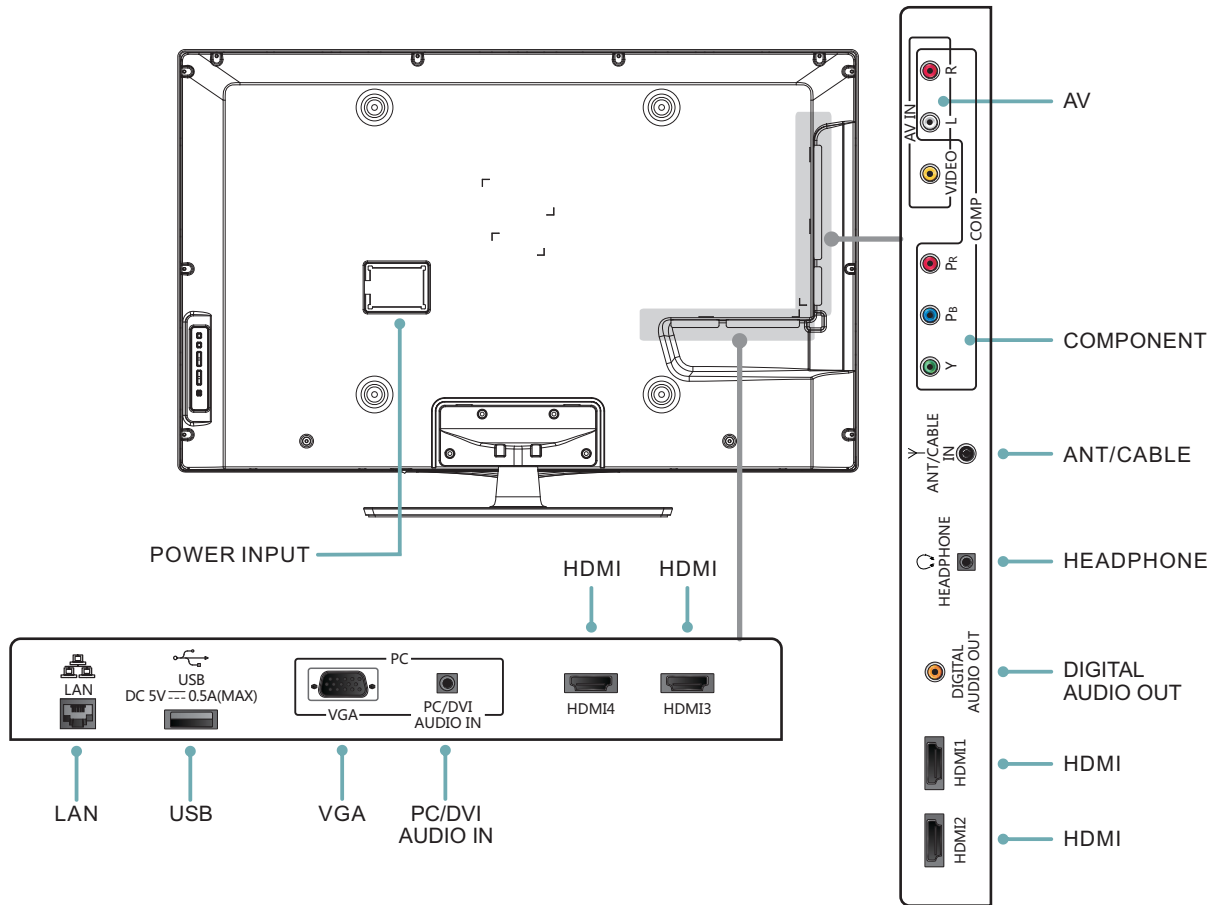
| Item	Description
HDMI	HDMI（High-Definition Multimedia Interface）provides an uncompressed, all digital audio/video interface between this TV and any HDMI-device, such as a set-top box, Blu-ray disc player, and A/V receiver.
COMPONENT	Connect to a DVD player, Digital Set-Top-Box, or other A/V devices with component(YP$_B$P$_R$) video and audio output jacks.
VGA PC/DVI AUDIO IN	Connect to a PC or other devices with a VGA interface.
ANT/CABLE	Connect an antenna or cable TV to this jack.
USB	For DMP and service.
DIGITAL AUDIO OUT	Connect to an external digital audio device.
HEADPHONE	Connect earphones for private listening.
VIDEO/AUDIO(L,R)	Connect to the composite video and audio(L/R) output jacks on external video devices.
LAN	Connect an ethernet cable to access a network or the Internet.

Making Connections

☑ **NOTE**

1. 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.
2. 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.
3. 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.
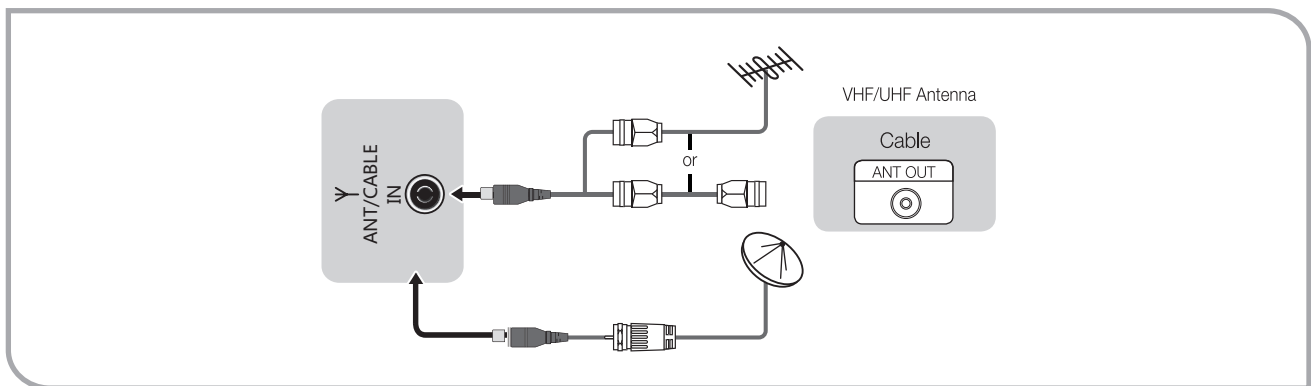
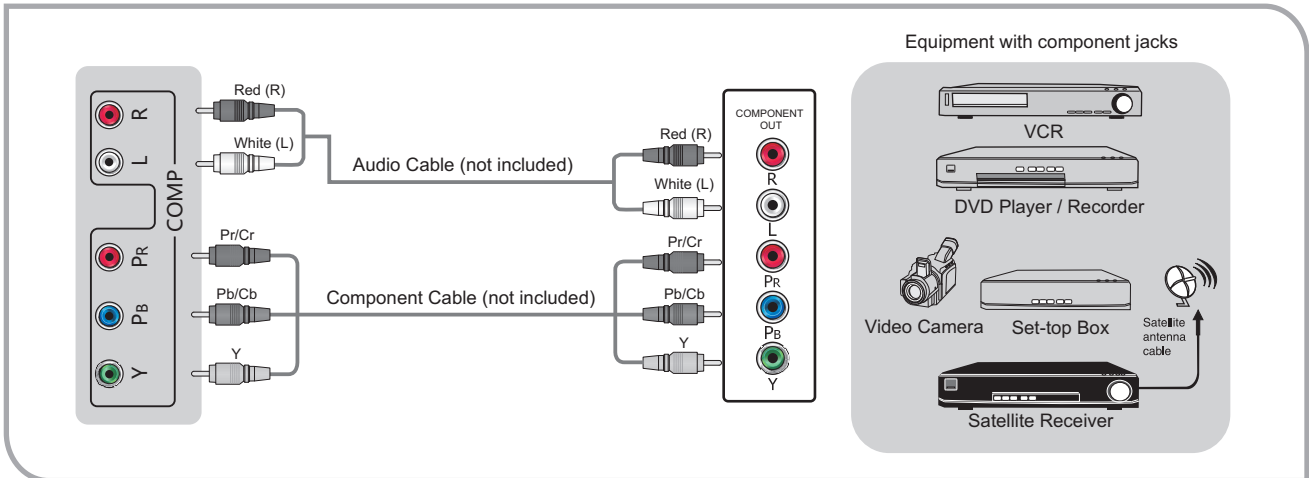### Connecting an A/V Device with Composite Cable

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.
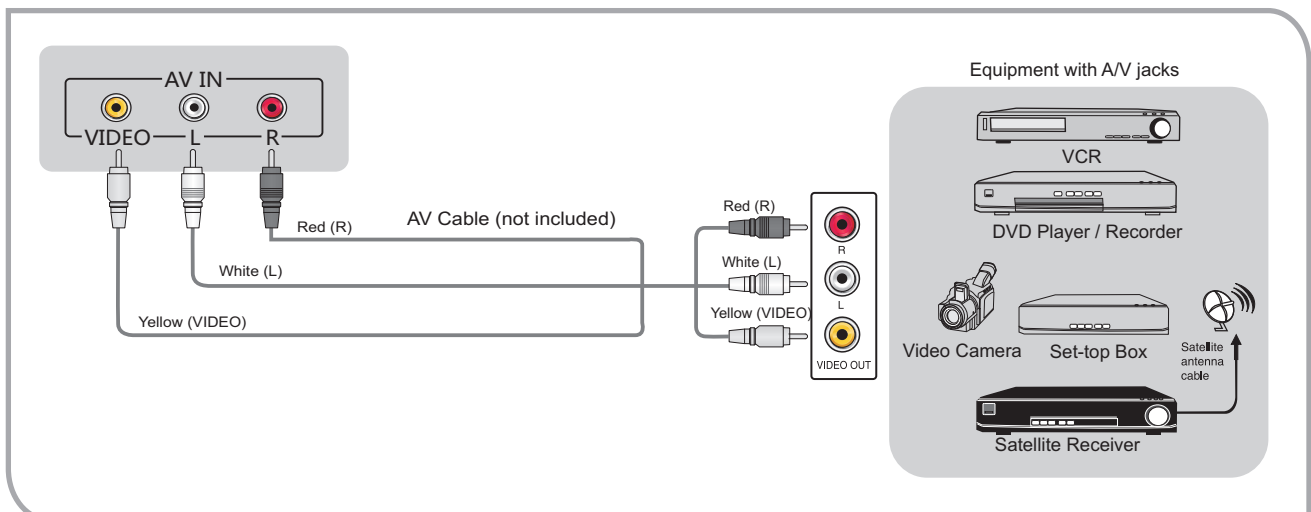
Connecting an A/V Device with Component (YP$_B$P$_R$) Cable

1. Use a component cable to connect the external A/V device's component output jacks to the TV's YP$_B$P$_R$ 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 a 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.
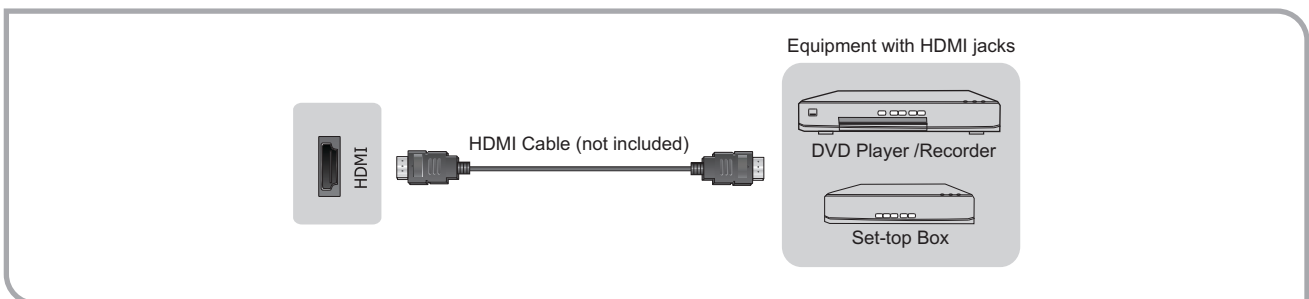
☑ NOTE

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.)

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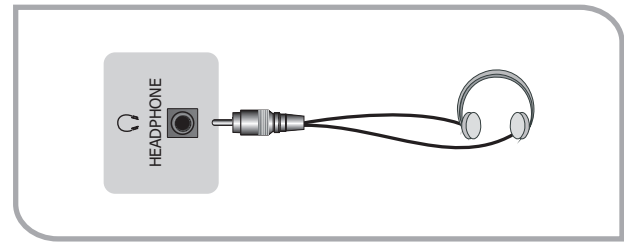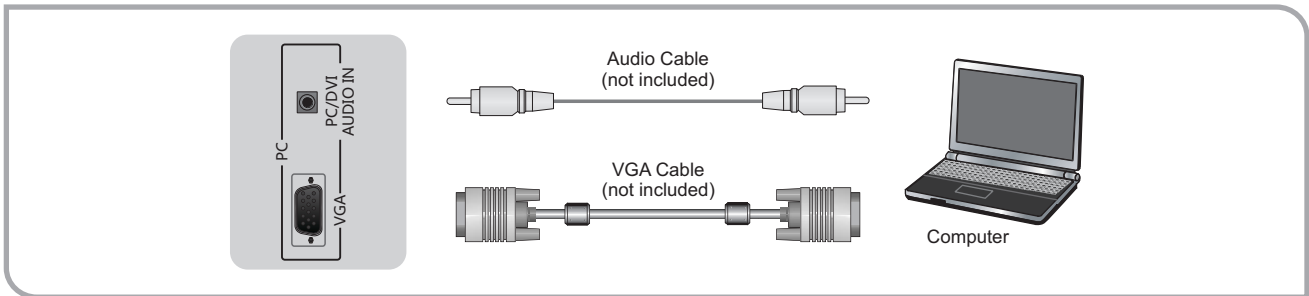
1. Use a VGA cable to connect the PC's VGA output jack to the TV's VGA jack. Use an audio cable to connect the PC's audio output jack to TV's PC/DVI AUDIO IN jack.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.

☑ 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 audio 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.
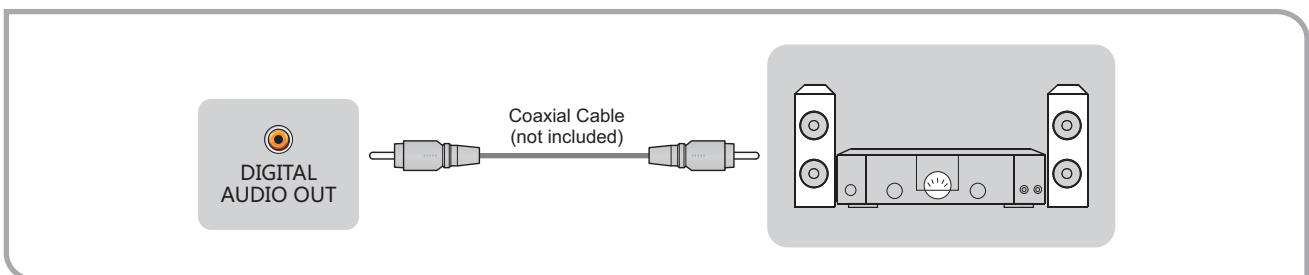
☑ NOTE

- 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.
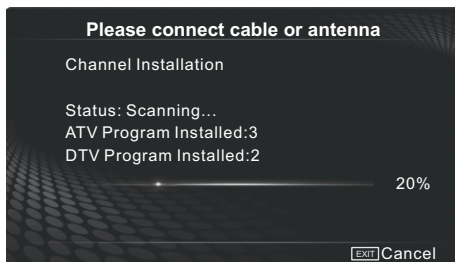
Turning the TV On for the First Time

The **Setup Wizard** menu appears the first time you turn on the TV. It will assist you to specify the menu language, time zone, picture mode, tuner mode and channel installation.

IMPORTANT: Make sure that the antenna or cable connection is made.

1. Make sure that you have:

   Installed the remote control batteries.

   Connected an antenna or cable.

   Connected the power cord.

2. Press [POWER] (⏻) to turn on your TV. The **Setup Wizard** menu displays.

3. Press [▲ / ▼] to select your menu language: English, Spanish or French, press [ENTER] button to confirm.

4. Press [▲ / ▼] to select your picture mode: Home Mode or Retail Mode, press [ENTER] button to confirm.

5. Press [▲ / ▼] to select your tuner mode: Antenna or Cable, press [ENTER] button to confirm.

6. Press [▲ / ▼] to set the channel installation: Scan or Skip Scan, press [ENTER] button to confirm.

```
         Please connect cable or antenna

         Channel Installation

         Status: Scanning…
         ATV Program Installed:3
         DTV Program Installed:2
                                              20%

                                        EXIT Cancel
```

⬤ If you select "Scan", your TV automatically starts **Channel Installation** available in your viewing area.

⬤ If you select "Skip Scan", your TV does not scan for channels.

⬤ Depending on the reception condition, it may take up to 25 minutes or more to complete memorizing channels. Please allow the process to complete without interruption.

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 [ENTER] button.

```
                    INPUT
          📺  TV
          📊  AV
          📇  Component
          📖  VGA
          🖥  HDMI1
          🖥  HDMI2
          🖥  HDMI3
          🖥  HDMI4
          📼  DMP

          ⇓⇧ Select
          ENTER Enter
          MENU Exit
```

Changing Channels/ Volume

1. Press [CH∧ / V] button on the remote control, you can change the channels.
   (Press [VOL∧ / V] button to raise or lower the volume).

2. Press [CH▲ / ▼]button on the back panel of the TV set, you can also change the channels.
   (Press [VOL▲ / ▼] button to raise or lower 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 pressing the programme No. If you want to choose the programme No. from 1 to 9, press the 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.
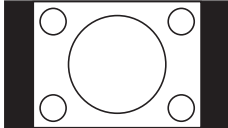
Shortcuts Instructions

**Aspect -** Select the screen aspect ration 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.
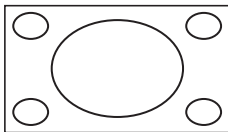
Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.
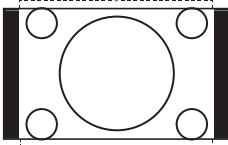
Cinema: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.
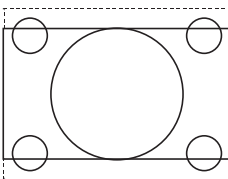
VUDU - VUDU™ is an on-demand service that offers high-definition movies on the Web. You can access the VUDU service by press this button.

HICAST@ - Press to browse the rich Apps in HICAST Dock. The Apps in the HICAST Dock let you watch movies, TV shows, listen to music,and much more.

NETFLIX - Open the Netflix interface. Netflix is an online DVD and Blu-ray Disc rental service, offering rental-by mail and streaming instantly to Netflix members.

Fav. - Display your Favorite List. You can add or delete channels to create your favorite list.
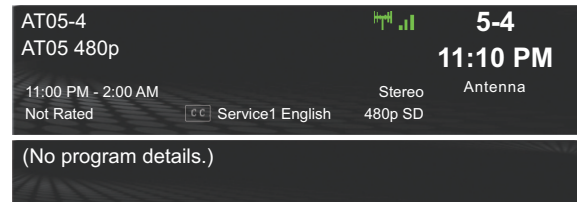
Cursor up/down: Press [▲ / ▼] button to select the option.
Add/Erase: Press [YELLOW] button to add or delete the channel from Favorite List.
Page up/down: Press [RED/GREEN] button to turn the page up or down.

Favorite List

3	
4	
5-1	AT05-1
5-2	AT05-2
5-3	AT05-3

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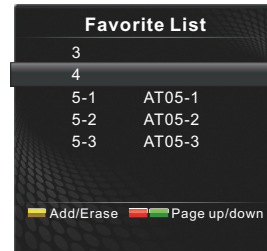
DISPLAY - Display the information banner. The information including channel number, channel name, current system time, tuner mode, audio stream, video format, audio language, closed caption mode, parental locks rated, program details, etc.

AT05-4		**5-4**
AT05 480p		**11:10 PM**
11:00 PM - 2:00 AM	Stereo	Antenna
Not Rated	Service1 English	480p SD

(No program details.)

GUIDE - Open the DTV program guide. The program guide information is provided by the broadcasting company.

Wednesday, 8-June-2011 11:10:00PM

5-3 ⇦   **5-4 AT05-4**   ⇨ 6

Today	11:00 PM	AT05 480p	
Tomorrow	2:00 AM	AT05 480p	
Tomorrow	5:00 AM	AT05 480p	
Tomorrow	8:00 AM	AT05 480p	

11:00 PM - 2:00 AM Wed, 8-Jun   **Not Rated**
(No program details.)

Next Day
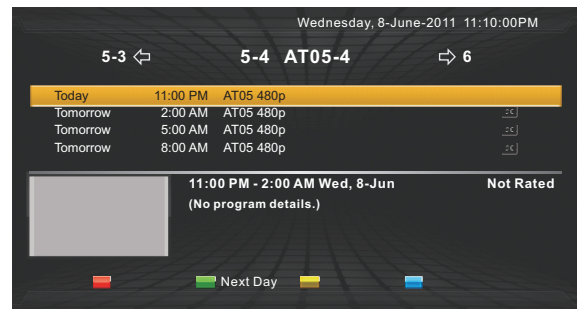
Basic Features

To Use the Menu

1 Press the [MENU] button to open the main menu.
2 Press the [▲ / ▼] button to select a menu option, then press the [▶/ENTER] to enter the menu.
3 In the menu, you can:
press the [▲ / ▼] to select an item,
press the [◀/ ▶] to adjust the value, or
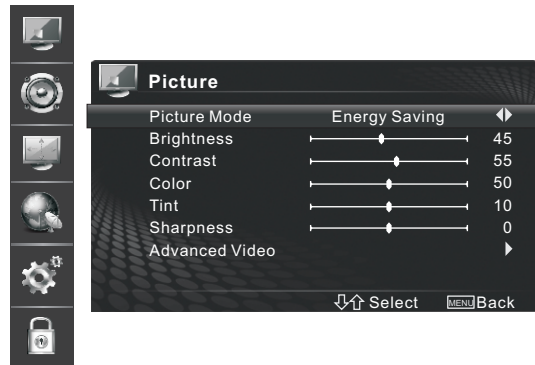press the [▶/ENTER] to enter a submenu.
4 Press the [MENU] button to return to the previous menu or press the [EXIT] button to exit the menu.

☑ NOTE
The menus in the user's manual may vary slightly from the actual screen.

Picture	
Picture Mode	Energy Saving
Brightness	45
Contrast	55
Color	50
Tint	10
Sharpness	0
Advanced Video	▶

Using the Picture Menu

You can adjust:

Picture Mode - Adjust the Picture Mode. You can select: Energy Saving, Sports, Custom, Vivid, Standard or Theater.

Brightness - You can 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 - You can 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 level of color in the picture.

Tint - Adjust flesh tones so they appear natual.

☑ NOTE
Adjust for NTSC signal reception in DTV mode.

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

Advanced Video - Access advanced video settings such as Color Temperature, Noise Reduction and Adaptive Contrast.

Color Temperature: Change the color temperature. You can select the color temperature from three options: Cool, Standard and Warm.

Noise Reduction: It can optimize the picture signal from time and space; reduce the outside noise interference and return the pure initial signal. It has four ratings: Off, Low, Medium and High.

Adaptive Contrast: According to the content of picture, it can adjust contrast automatically.

Using the Audio Menu

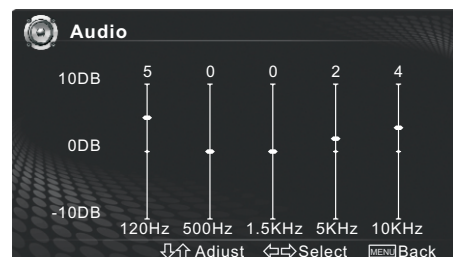| Audio	
Sound Mode	Music
Balance	0
Equalizer	▶
Sound Surround	Off
SPDIF Type	PCM
Auto Volume Control	Off

You can adjust:

Sound Mode - Select the Sound Mode: Standard, Speech, User or Music.

Balance - Adjust the volume of the left and right speakers.

Equalizer - Weaken or enlarge the sound of the main frequency points.

13

Sound Surround - Enhance the surround sound and bass sound effects.

SPDIF Type - Send digital audio to an external audio system. You can select PCM, RAW or Off.

PCM: PCM is an encoding, mainly used for analog signal, Dolby mainly used for digital signal.

RAW: When the data stream carries Dolby signal, digital audio outputs Dolby data stream. When the data stream carries no Dolby signal, it transports PCM data stream.

Auto Volume Control - According to different audio signal, it can adjust volume automatically.
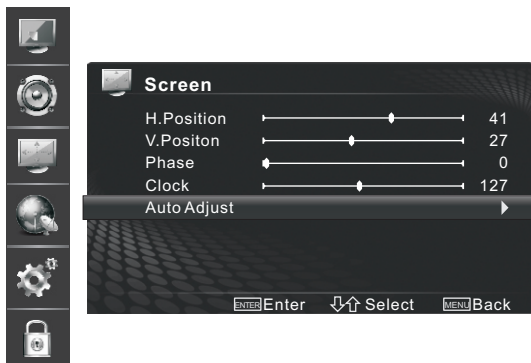
Using the Screen Menu

☑ NOTE

Only available in VGA mode.

```
Screen
    H.Position      ├───────●────── 41
    V.Positon       ├─────●──────── 27
    Phase           ├●──────────────  0
    Clock           ├─────●──────── 127
    Auto Adjust                    ▶

          ENTER Enter    ⇩⇧ Select   MENU Back
```

You can adjust:

H.Position - Move the image right or left.

V.Position - Move the image up or down.

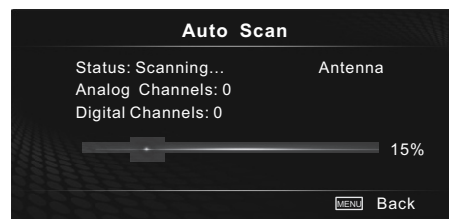**Phase** - Adjust the focus of stable images.

Clock - Adjust the sample frequency.

Auto Adjust - It can adjust the image settings such as position and phase automatically.

Using the Channels Menu

```
Channels
    Tuner Mode            Cable        ◄►
    Auto Channel Search                ▶
    Channel Skip                       ▶
    Favorite List                      ▶
    MTS                   Stereo       ◄►
    Audio Language        English      ◄►

          ENTER Enter    ⇩⇧ Select   MENU Back
```

You can adjust:

Tuner Mode - Select TV source: Antenna or Cable.

Auto Channels Search - Scan for Channels that have signals and stores the channels information in the channel list.

```
            Auto Scan
    Status: Scanning…          Antenna
    Analog Channels: 0
    Digital Channels: 0
                                        15%
                        MENU   Back
```

Channel Skip - You can cancel a channel stored in the channel list.

☑ NOTE

When you press [CHΛ / V] button, your TV skips the channel you cancelled. You can still tune to the channel using the number buttons on the remote control.

Favorite List - Add or delete channels to create a favorite list. You can press [FAV] button to display your Favorite List.

MTS - Select the default audio stream: Mono, Stereo or SAP.

Mono: If there is noise or static on weak stereo broadcasts.

Stereo: For programs broadcast in stereo.

SAP: To listen to a secondary audio program.
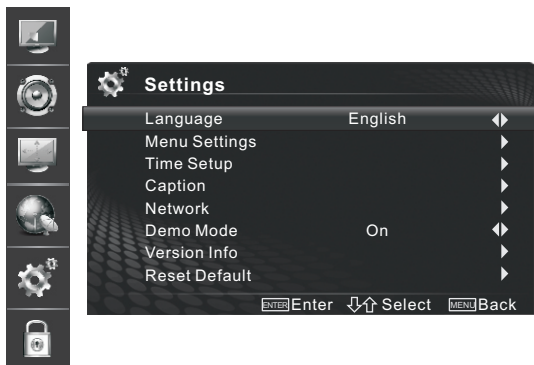
☑ NOTE

Only available in analog TV signal.

Audio Language - Select the audio language: English, Spanish or French.

☑ NOTE

Only available in digital TV signal.

Using the Settings Menu

You can adjust:

Language - You can select the menu's language among English, Spanish and French.

**Menu Settings** - Set the menu's transparency and timeout.

> **Timeout:** Select the display time of the menu: 10-20-…-60 seconds.

Time Setup - Set the time zone, daylight saving, time and sleep timer.

> **Time Zone:** Select your local time zone: Eastern Time, Hawaii, Alaska, Arizona, Indiana, Mountain Time, Central Time or Pacific Time.
>
> **DayLight Saving:** Set the Daylight Saving time for your area.
>
> **Time:** You can set up the exact time by yourself.
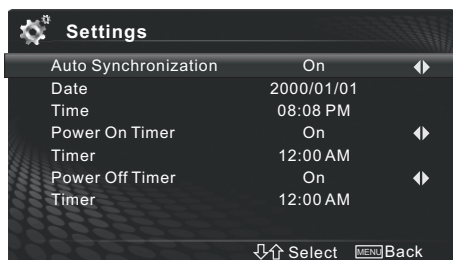
- **Auto Synchronization:** Select "On" to output the time information from digital signal.
- **Date:** Set the current year/month/day.
- **Time:** Set the current time.
- **Power On Timer:** When "On", you can set the time when the TV turns on automatically.
- **Timer:** Set the current time when the TV turns on.
- **Power Off Timer:** When "On", you can set the time when the TV turns off automatically.
- **Timer:** Set the current time when the TV turns off.

> **Sleep Timer:** Specify the amount of time before your TV automatically turns off: off-10-…-120 minutes.

Caption - Adjust Closed Captioning settings.

> **Caption Control:** Select the Closed Caption mode: CC Off, CC On or CC On When Mute.
>
> **Analog Closed Caption:** Select an Analog Caption setting:
> - **CC1~CC4:** Closed captioning appears in a small banner across the bottom of the screen. CC1 is usually the "printed" version of the audio. CC2~CC4 display content are provided by the broadcaster.
> - **Text1~Text4:** Closed captioning that covers half or all of the screen. Text1~Text4 display content are provided by the broadcaster.
> - **Off:** To turn off the Analog Caption.
>
> **Digital Closed Caption:** Select a Digital Caption setting: Service1~Service6 or Off.
>
> **Digital Caption Style:** Customize the look of digital Closed Captioning.
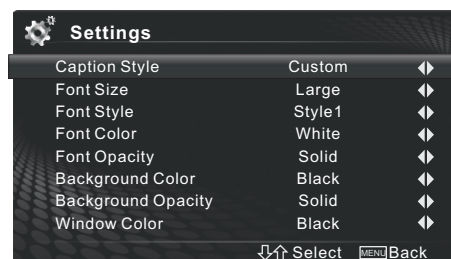
- **Caption Style:** Set the look of Digital CC. "As Broadcaster" uses broadcaster's style.
- **Font Size:** Select the size of font.
- **Font Style:** Select the style of font.
- **Font Color:** Select the color of font.
- **Font Opacity:** Select the opacity level of font.
- **Background Color:** Select the color of the background.
- **Background Opacity:** Select the opacity level of the background.
- **Window Color:** Select the color of the window.
- **Window Opacity:** Select the opacity level of the window.

Network - You can set the network in this menu. For more information, see "Network Setup".

Demo Mode - Select "On" in Demo Mode, after 30s, the E-POS will come out.

Version Info - Display the software version information.

Reset Default - Every TV has its original setting before leaving the factory. This function can help you restore these settings.