



19A60



USER'S MANUAL

19" LCD TELEVISION

For technical assistance or troubleshooting, please call 1-800-936-1168 or email service@etecusa.com. The Technical Support Center is available 24-hours a day, 7-days a week.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



Safety:

TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS ARE INSIDE. REFER TO QUALIFIED SERVICE TECHNICIAN ONLY.



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 to the users.



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 television.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

NOTE TO CABLE / TV INSTALLER:

This reminder is provided to call the CATV system installer’s attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

FCC REGULATORY INFORMATION:

This television 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 television 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 television does cause interference to other electronic equipment, which can be determined by turning the television off and on, then 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 television.
- Connect the equipment into an outlet on a circuit different from that to which the television is connected.
- Consult your dealer or an experienced radio / TV technician for assistance.

Any changes or modifications not expressly approved by the party responsible for compliance may void the user’s authority to operate the equipment.

Important safeguards for you and your new TV

Observing the simple precautions discussed in this booklet will provide you with many years of enjoyment and safe operation. This product complies with all applicable U.S. Federal safety requirements, and those of the Canadian Standards Association.

1. Read & Follow Instructions

All safety and operating instructions should be read and followed before the TV is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the TV and in the operating instructions should be adhered to.

4. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft and slightly damp cloth for cleaning.

5. Water and Moisture

Do not use this TV near water; for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

6. Accessories, Carts and Stands

Do not place this TV on a slippery or tilted surface, or on an unstable cart, stand, or table. The TV may slide or fall, causing serious injury to a child or adult and serious damage to the TV.

7. Transporting the Television

A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.

8. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. The TV should not be placed in a cabinet, bookcase, or rack, unless proper ventilation is provided.

9. Power Sources

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your electronics retailer or local power company.

10. Power Cord Polarization

This TV is equipped with a three-wire grounding type plug, a plug with a third (grounding) pin. As a safety feature, this plug will only fit into a grounded power outlet. If you are unable to insert the plug into the outlet, contact your electrician to replace the obsolete outlet. Do not defeat the safety purpose of the grounding-type.

11. Power Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug, convenience receptacles, and at the point where they exit from the TV.

12. Lightning

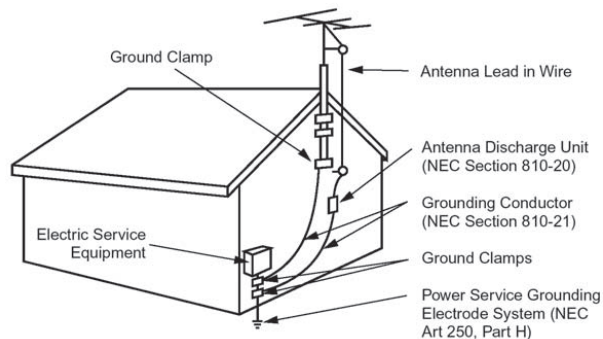
To protect the TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

This will prevent damage to the TV from lightning and power-line surges.

13. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code (U.S.A.), ANSI / NFPA 70 provides information with regard 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 Grounding According to National Electrical Code Instructions



NEC - National Electrical Code

14. Power Lines

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 on to 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.

15. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on or inside the TV.

17. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to a qualified service technician.

18. Damage Requiring Service

Unplug from the wall outlet and refer servicing to a qualified service technician under the following conditions:

- a. If the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the product.
- c. If the TV has been exposed to rain or water.
- d. If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e. If the TV has been dropped or the cabinet has been damaged.
- f. If the TV exhibits a distinct change in performance.

19. Replacement Parts

When replacement parts are required, be sure that only an authorized service technician has used replacement parts specified have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards and void any warranty.

20. Safety Check

Upon completion of any service or repairs to this TV, ask the service technician to perform safety checks to determine whether the product is in proper operating condition.

21. Wall Mounting

The TV should be mounted to a wall only by a professional. The TV may slide or fall, causing serious injury to a child or adult, and serious damage to the product. Warranty shall be voided.

22. Heat

The TV should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including) amplifiers that produce heat.

Getting Started



Safety Instructions	2-4
Table of Contents	5
Introduction / What's In the Box	6

Remote Control

Remote Control - Battery Install	7
Remote Control Overview	8

TV Overview

Side Panel	9
Rear Panel	10
Pedestal Stand Removal / Wall Mounting	10

Initial Setup Before Use



Installation

Connection to Coaxial / RF Cable / Antenna	11
Satellite Box / Connection to HDMI Inputs	12
Connection to Component (Y Pb Pr) Input	13
Connection to AV Composite Input	14
Connection to a Personal Computer	15
Connection to a Receiver / Amp	16

Initial TV Setup

Connection to the Power Source	17
Initial Setup Wizard	17
TV Channel Setup & Channel Auto Scan	18

Menu Adjustments



Picture Settings

Contrast	19
Brightness	19
Color	19
Tint	19
Sharpness	19
Color Temperature	19

Audio Settings

Bass / Treble / Balance	20
Audio Language	20

Date & Time Settings 21

Setup Settings

Menu Language	22
Transparency.....	22
Aspect Mode	22
Noise Reduction	22
DLC	22
Restore Default	22
Closed Caption Settings	23
Advanced Setting for PC	24
Parental Control - USA.....	25
Parental Control - Canada	26

TV Settings

Favorite	27
Add / Delete	27
Channel Label	27
DTV Signal	27
Aspect Modes	28
USB Modes	29

Misc Information



Specifications	30
Troubleshooting	31
Index	32

Thank you for purchasing the energy efficient 19A60 LCD television. It has been designed to offer today's high definition television experience. With a display resolution of 1366x768 you are assured of one of the finest quality televisions available today.

Your television provides both analog and digital inputs including two (2) High Definition Multimedia Interface (HDMI) interconnects for the purest audio and video digital signal when connected to compatible HD sources (ie: HD set-top box, high definition DVD player or gaming console).

We recommend that you read the user manual thoroughly before use to familiarize yourself with the installation and adjustment options available to you; thereby, enjoying all the features of the 19A60 for many years to come.

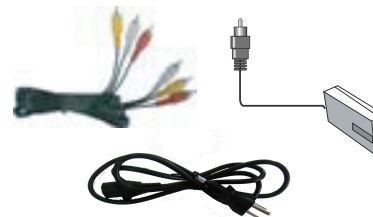


The **19A60** LCD package includes the following items. Save the carton & packing for future shipping

- **Pedestal Base / Hardware**
- **Screws (2)**
- **Remote Control**
- **AAA Batteries (2)**
- **Quick Start Guide**
- **User Manual**
- **Child Safety**
- **Audio / Video Cable**
- **Power Cord**
- **DC Adapter**



- **Remote Control**
- **AAA Batteries x 2**



- **Audio / Video Cable**
- **Power Cord**
- **DC Adapter**



- **User manual**
- **Quick Start Guide**
- **Child Safety**



- **Pedestal Base**
- **Screw**

Your remote control handset is powered by two (2) AAA type batteries



- To insert the batteries, turn the remote control over and remove the battery cover.



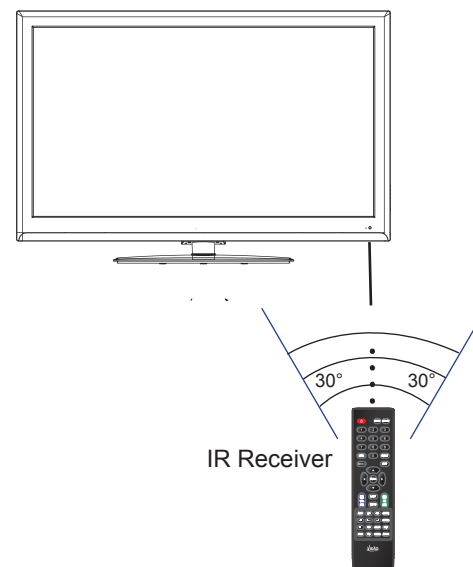
- Place two (2) "AAA" batteries into the battery compartment with the "+" and "-" ends facing the correct way as shown in the battery compartment.



- Replace the cover.

- When pointed towards the television, the effective range of the remote is approximately 16 feet from the front of the TV IR receiver and at an angle of no greater than 30° to the left / right or 20° up / down.
- To avoid possible damage from battery chemical leakage, remove the batteries if you do not plan to use the remote control for an extended period of time. Do not mix batteries of different age and/or type. Always discard used batteries safely.
- Do not expose the remote control to liquids, direct sunlight or sources of excessive heat.
- The IR receiver on the TV will not work properly if the set is in direct sunlight or an object is in the path between the remote control and the IR receiver on the front of the TV.

NOTE: Improper use of batteries can result in a chemical leakage or explosion.



The Remote Control

1. **POWER** – Turn the LCD display ON or OFF (Standby).
2. **DISPLAY** – Provides program information currently viewed.
3. **SLEEP** – Press to activate the Sleep function. The TV will automatically turn off after: 5> 10> 15> 30> 45> 60> 90> 120> 180> 240> (minutes)> OFF.
4. **NUMBERS / DASH** – Select desired TV channel directly. For example: to select digital channel 4-1, press “4”, press “-”, and press “1” = (4-1).
5. **INPUT** – Press to display all of the input sources on screen. (pgs. 10-15)
6. **MENU** – Press to display the Main menu.
7. **EXIT** – Press to exit a displayed menu.
8. **▼▲◀ ▶ARROWS / ENTER** – Press the navigation buttons for moving through the menu options. Press the ENTER button to select / confirm.
9. **VOLUME (+/-)** – Adjust the volume up (+) or the volume down (-).
10. **LAST** – Press to switch between the current channel and previously viewed channel.
11. **MUTE** – Press to temporarily turn off the TV audio. Press again to resume.
12. **CHANNEL – ▲ / ▼** Change the channel up or down.
13. **AUDIO** – Press to select from various preset audio modes: PERSONAL> STANDARD> MUSIC> MOVIE (pg. 20)
14. **MTS** – Press to select a program's second audio channel (if available).
15. **CCD** – Press to select closed caption subtitles (if available) OFF> ON. (pg. 23)
16. **RETURN** – Press to return to the previous menu.
17. **▶|| – PAUSE (USB)**
18. **◀◀ – PREVIOUS (USB)**
19. **▶▶ – NEXT (USB)**
20. **PICTURE** – Select from various preset picture modes: Dynamic > Standard > Movie > Personal. (pg. 19)
21. **■ – STOP (USB)**
22. **REP – REPEAT (USB)**
23. **CH.LIST** – Press to display a list of channels saved in the TV tuner memory.
24. **TEMP** – Select the Color Temperature COOL > NORMAL > WARM. (pg. 19)
25. **GUIDE** – Press to review scheduled programming for the currently viewed channel.
26. **FAV** – Press to display a listing of your favorite TV channels. (pg. 27)
27. **FREEZE** – Pause and still-frame the current image on the display. Press again for live TV.
28. **ASPECT** – Select the viewable display aspect options: Normal, Wide, Zoom, or Cinema. (pg. 28)

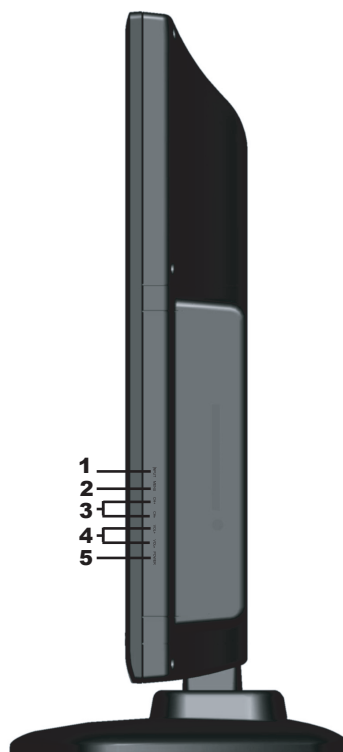


NOTE: When using the remote control, point it directly at the TV.



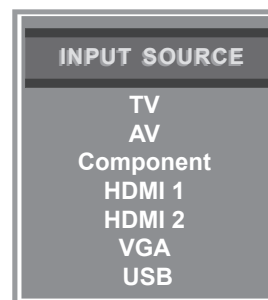
A soft blue light illuminates when the television power is on.

IR Receiver



Side Panel

1. Input - After connecting your DVD, cable box, etc., select the appropriate input source to view. Press the **INPUT** button to display the input options. Press the **CH+ / CH-** buttons to highlight the input source and press the **VOL+** button to select.



2. Menu - Press the **MENU** button to display. Press **VOL+** to select from the 6 menu options available. Press the **CH+ / CH-** buttons to select a feature from the selected menu then press the **VOL+ / VOL-** buttons to adjust the volume settings.

3. Channel (CH+ / CH-) - Press the **CH+ / CH-** buttons to select a channel in the TV mode.

4. Volume (VOL+ / VOL-) - Press the **VOL+ / VOL-** buttons to adjust the volume up or down.

5. Power - Press the **POWER** button to turn the LED display ON / OFF (standby). When the power is on, the blue LED illuminates. The screen image will appear within a few seconds.

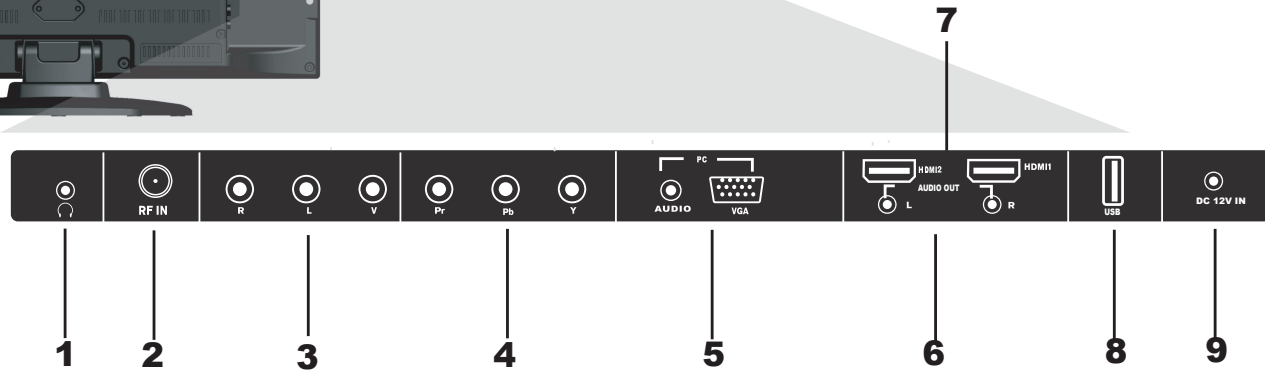


Wall Mounting

It is recommended that you call your local TV dealer or a licensed contractor to secure the television to the wall using a suitable VESA 75 x 75 wall mount hardware.

Removal of TV Pedestal for Wall Mounting

To remove the pedestal base from the television, unscrew the (5) Philips head screws and remove the entire assembly.



1. Headphone Jack - Connect a stereo headphone (3.5mm – not included) for private listening.

2. RF Input - Connect an antenna or cable connection for television reception.
Note: Use an outdoor antenna, cable or satellite for best reception.

3. AV Input - Connect an external device to the composite VIDEO (Y) and AUDIO (L / R) output jacks found on most video equipment.

4. Component Y Pb Pr Input - Connect to an AV device that features component (Y Pb Pr) video and audio output jacks.

5. PC IN - VGA Input - Connect an optional VGA cable (not included) from your personal computer .

PC Audio Input (3.5mm) - 3.5mm audio cable (not included) for sound.

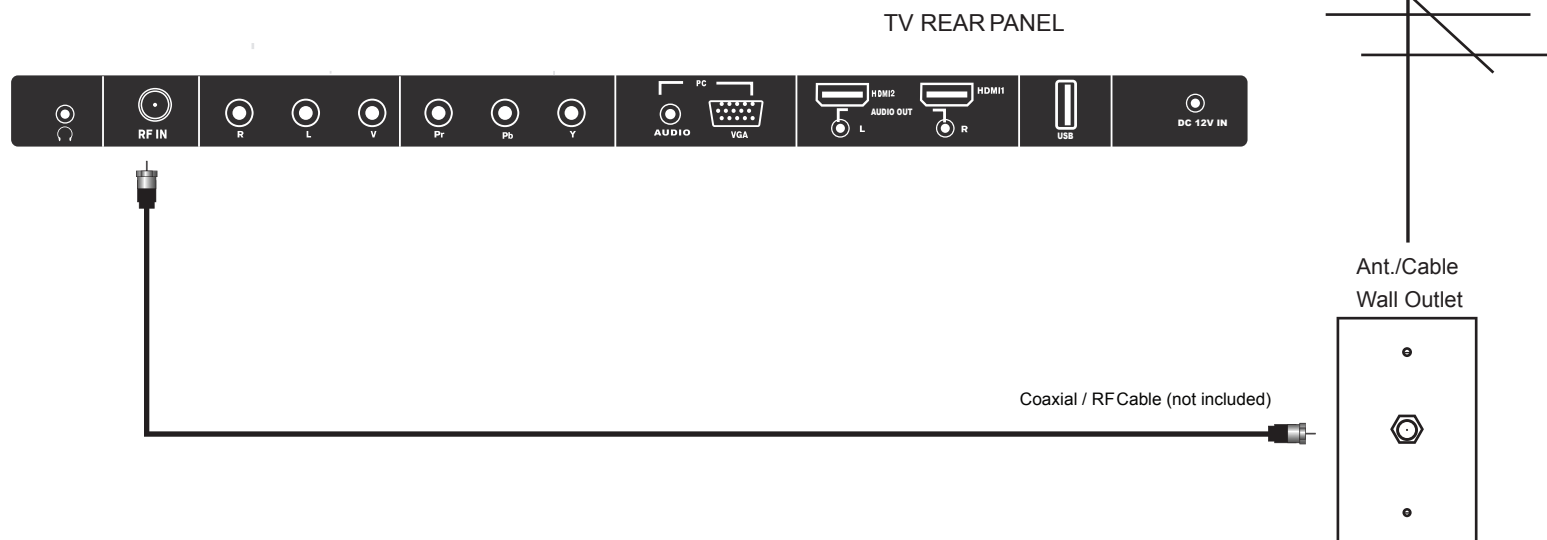
6. L / R Audio Out - Connect to audio receiver.

7. HDMI Inputs (2) - Connects to digital AV equipment that feature HDMI connectivity. HDMI supports enhanced high definition video and up to 7.1 - channel digital audio all from one cable. Recommended for best performance. HDMI cable not included.

8. USB Input Port - Connect to portable USB device such as USB flash / hard drive (max storage capacity 400GB), supports MP3 and JPEG.

9. 12V IN – Connect only to included 12V Power supply

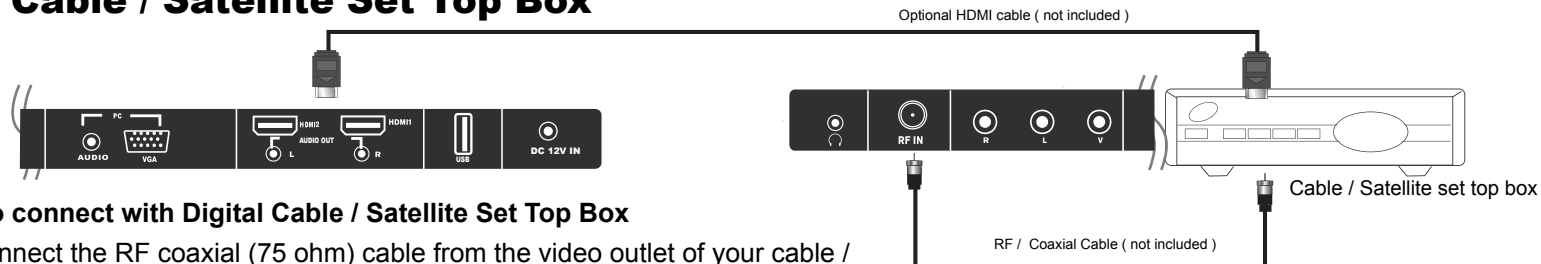
Connection to Coaxial / RF Cable / Antenna



How to connect to an indoor or rooftop antenna

- Connect the RF coaxial (75 ohm) cable from your existing roof top / indoor antenna, or wall outlet. Finger tighten the Coaxial / RF Cable end to the TV input on the rear panel.
- See pages 17-18 for TV setup and Channel Auto Scan.
- Tune to TV programming directly from the television tuner.

Digital Cable / Satellite Set Top Box

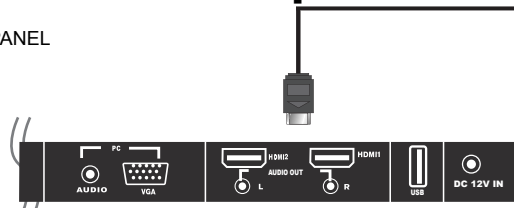


How to connect with Digital Cable / Satellite Set Top Box

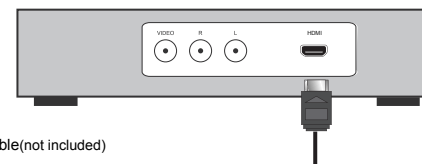
- Connect the RF coaxial (75 ohm) cable from the video outlet of your cable / Satellite box to the RF input on the TV's rear panel. Select Ch. 3 or 4 on the TV and select a channel.
- For greater performance, if possible, use component or an HDMI installation shown below. Refer to your set top box user manual.
- See pages 17-18 for TV setup and Channel Auto Scan.

Connecting to an HD Set-Top Box or Blu-Ray DVD Player Using HDMI

TV REAR PANEL



Digital set top box, gaming console,
or Blu-ray / HDMI interface



Optional HDMI cable(not included)

For BEST video performance

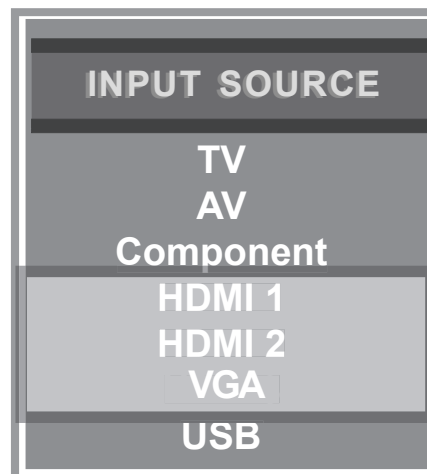
Connect to external equipment that offers HDMI, an uncompressed, all digital video / audio interface found on today's HD digital set top boxes and Blu-ray players. Use of this pure digital technology offers enhanced high definition video and digital audio all via a single cable. There are two (2) HDMI inputs available for use with devices such as an HD set top box, gaming console, and Blu-ray player.

How to Connect HDMI

- From your external digital equipment, connect an HDMI cable from the HDMI output to the HDMI input on the TV's rear panel.

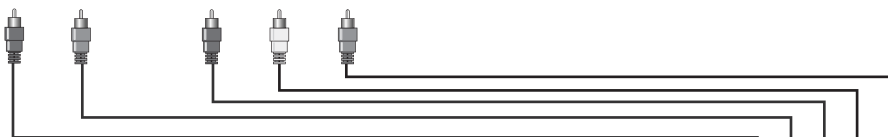
How To Use

- Press the **INPUT** button on the remote control. Use ▼▲ arrow buttons to highlight the input to view (HDMI 1, 2) then press **ENTER**.



Connecting External Equipment to Component Video IN (Y Pb Pr)

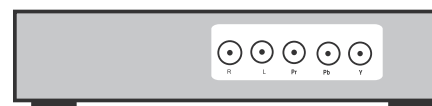
TV REAR PANEL



For BETTER video performance

Connect to external equipment that features component video output jacks for better performance. Use the Component Y Pb Pr video and audio inputs with a set top box, gaming console or DVD player.

Optional
Component cables
(not included)



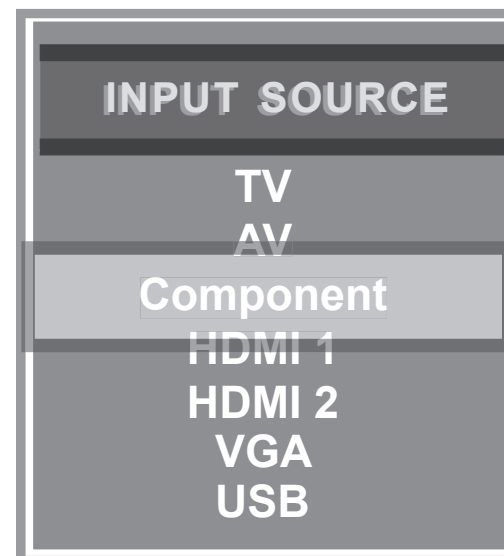
Digital set top
box, gaming
console or DVD

How to Connect Component

- When connecting external equipment to your television, match the colors of the connecting jacks (Video: Blue, Green, Red; Audio: White / Red).
- Connect the optional component video cables (blue, green, red) (not included) from the video output jacks (Y, Pb, Pr) on your external equipment to the Component Y Pb Pr input on the TV's rear panel.
- Connect white / red audio cables for sound from the audio (L/R) output jacks on your external equipment to the AV L/R input jacks on the TV's rear panel.

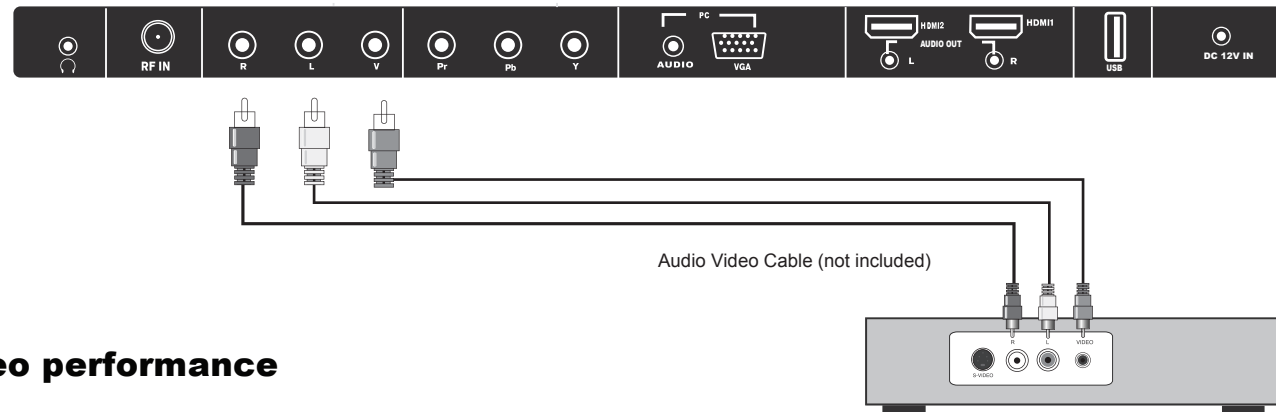
How to Use

- Press the **INPUT** button on the remote control. Use the **▼▲** buttons to highlight the input to view (Component) then press **ENTER**.



Connecting External Equipment to AV Composite IN on your television

TV REAR PANEL



Set top box, gaming console, and DVD

For GOOD video performance

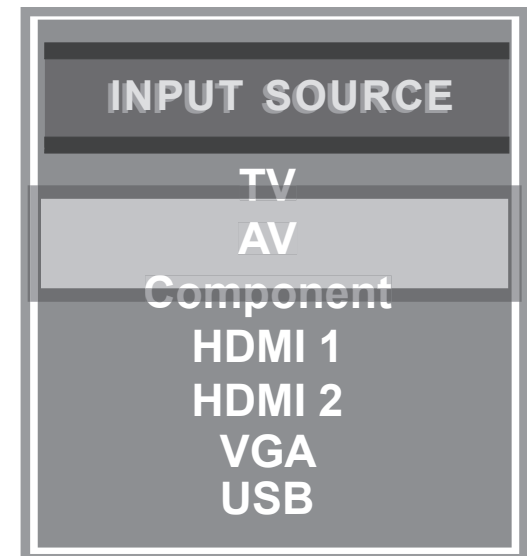
Connect to external equipment using the included optional video and audio cables. Composite output jacks are available on most set top cable/satellite boxes and DVD players. (HDMI and Component connections are recommended for the best performance).

How to Connect Composite AV

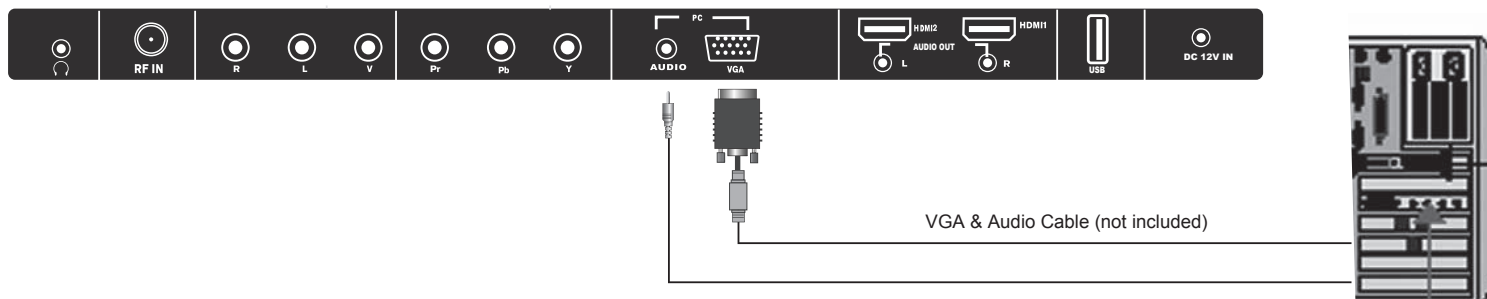
- When connecting external equipment to your television, match the colors of the connecting jacks (Video: Yellow - Audio: White & Red).
- Connect the yellow video cable from the video output jack on your external A/V equipment (i.e.: DVD player, set top box) to AV input on the TV's side panel.
- Connect the white / red audio cables for sound from the audio (L / R) output jacks on your external equipment (i.e.: DVD Player, set top box) to the AV (L / R) jacks on the TV's rear panel.

How to Use

- Press the **INPUT** button on the remote control. Use the **▼▲** buttons to highlight the input to view (AV) then press **ENTER**.



Connecting a Personal Computer with VGA to Your Television



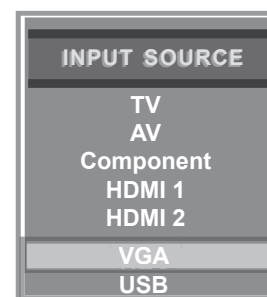
Recommended computer display resolution: 1366x768 @ 60 HZ

How to Connect a PC

- Connect using an optional male to male VGA cable (not included) from your PC to the VGA input on the TV's rear panel.

How to Connect Audio Sound

- Connect an optional 3.5mm audio cable (not included) from the computer's mini audio output jack to the audio input on the TV's rear panel.

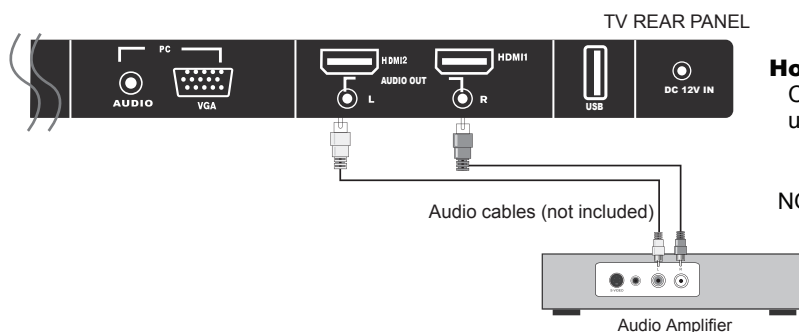


How to Use

- Press the **INPUT** button on the remote control. Use the **▼▲** buttons to highlight the VGA input and press the **ENTER** button.

NOTE: If your PC uses a standard signal mode, the screen will adjust automatically.

Connecting to an amplifier or home theater system

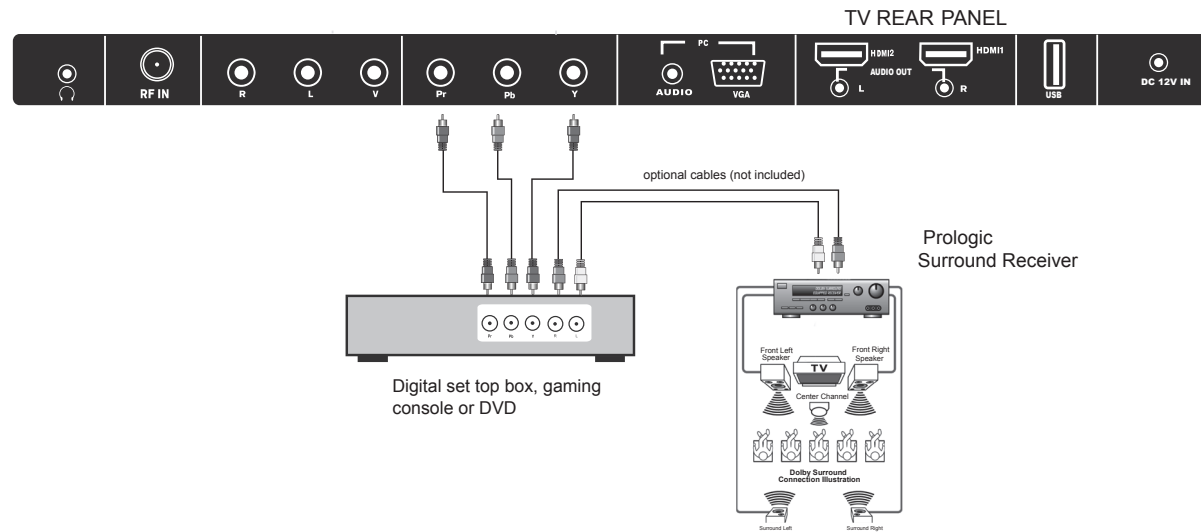


How to Connect Audio Out

Connect the TV'S Audio (L/R) output jacks to an Audio Amplifier using an audio patch cable with RCA cable ends (not included).

NOTE: The speakers of this TV still will output audio at this time.

Connection to a Home Theater Audio System



Connecting to a Stereo

Enjoy realistic sound from your home theater system through a stereo / receiver amplifier or Prologic sound system when connected to your AV equipment.

NOTE: When audio cables are connected to a stereo / receiver amplifier, no audio sound will be heard from the TV's built-in speakers.

Example: The diagram illustrates the connection of audio cables directly from your AV equipment (like a cable box) to a stereo receiver instead of using the audio (L/R) jacks on the TV's rear panel.

How to Use (Video)

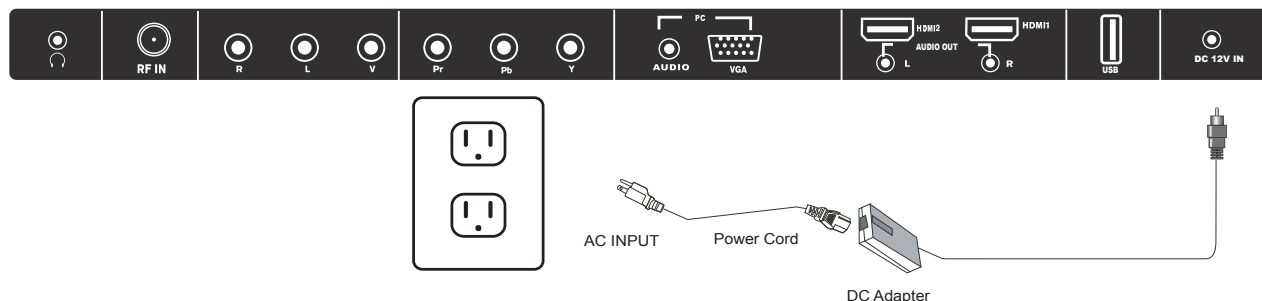
Press the appropriate **INPUT** button on the remote control. Use ▼▲ arrow buttons to highlight the input source to view and then press **ENTER**.

How to Use (Audio)

Select the appropriate input from your audio equipment.

***NOTE: Refer to the User Manual from your home theater equipment for recommended audio settings.**

Connection to Power Source



How to connect with Power Cord

- Connect the DC Adapter from your TV to the Power Cable.

Connect the power cord to the rear of the TV and plug power cord into wall receptacle.

Initial Setup Wizard

After connecting the antenna or cable connection to your TV, turn the television on. The Quick Setup Wizard will display on-screen. Select your preferred picture setting followed by antenna options. Then perform an Auto Channel Scan to store local broadcast channels in the TV tuner memory.

How to Navigate

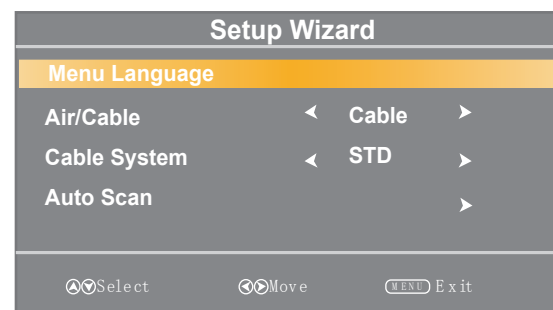
Menu Language

- Press the ▼ button to highlight Menu Language and then press the ◀ ▶ buttons to select an on - screen display (OSD) language.

Cable or AIR

- Press the ◀ ▶ button to highlight CABLE or AIR based on your antenna connection.

- Press the ▼ button to select Auto Scan and press **ENTER**. Note: when Cable is selected, 'AUTO' is the recommended setting. Otherwise, press the ◀ ▶ button to select the Cable System: STD > IRC > HRC > Auto.



Select the antenna option and perform an Auto Channel Scan to receive and store broadcasted television channels into the TV tuner memory.

To Enter the TV Mode:

- Press the **MENU** button
- Using the ◀ ▶ buttons; scroll to highlight the TV mode
- Press the ▼ button to highlight; CABLE or AIR

IMPORTANT NOTE:

Cable and Satellite users **WITH** a set top box do not need to run Channel Auto Scan. Connect the set top box to one of the available TV inputs and tune the TV to channel 3 or 4 for viewing. See pages 12-14 for connection details.

Cable WITH set top box

- Use the ◀ ▶ button to highlight CABLE and press **ENTER**.

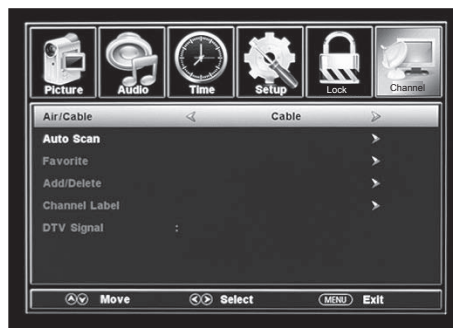
Cable WITHOUT set top box

Select CABLE for a TV connected to Cable or Satellite service **WITHOUT** using a set top box.

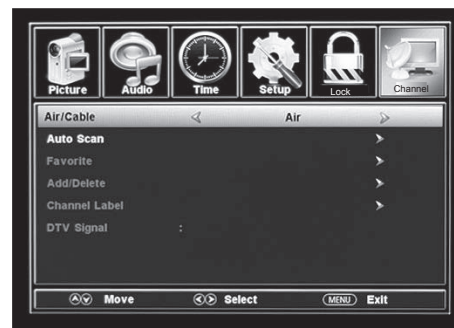
- Use the ◀ ▶ button to highlight CABLE.
- Press the ▼ button to select AUTO SCAN. Press the **ENTER** button and CABLE SYSTEM will be displayed next.
- Press the ▶ button to select STD > IRC > HRC > Auto (Auto is recommended).
- Press the ▼ button to select Auto Scan and press **ENTER**.

- Auto Channel Scan may take several minutes to complete the process.

Cable Mode



Air Mode



Select AIR when the TV is connected to an indoor / outdoor antenna.

- Press the ◀ ▶ button to highlight AIR.

- Press the ▼ button to select Auto Scan then press the ▶ button **twice** to start the Auto Channel Scan.

- Auto Channel Scan may take several minutes to complete the process.



How to Navigate:

Press the **MENU** button on the remote control. Navigate using ◀ ▶ buttons to select PICTURE. Press the down ▼ button to highlight PICTURE MODE, then press the ▶ button to select your viewing preference from 4 options: STANDARD > DYNAMIC > MILD > USER. The STANDARD setting is recommended for most viewing environments. Depending on the ambient light level in the room, you may find one of the other options more pleasing.

To make more critical adjustments based on your own preferences in PERSONAL:

• Contrast

Press the ▼ button to highlight **Contrast**. Use the ◀ ▶ buttons to increase or decrease contrast intensity.

• Brightness

Press the ▼ button to highlight **Brightness**. Use the ◀ ▶ buttons to increase or decrease overall brightness.

• Color

Press the ▼ button to highlight **Color**. Use the ◀ ▶ buttons to increase or decrease color intensity.

• Tint.

Press the ▼ button to highlight **Tint**. Use the ◀ ▶ buttons to adjust the tint colors toward green or reddish tint.

• Sharpness

Press the ▼ button to highlight **Sharpness**. Use the ◀ ▶ buttons to view softer or crisper edges in the picture.

• Color Temperature

Press the ▼ button to highlight your **Color Temperature** preference. Use the ◀ ▶ buttons to select COOL (more Bluish tone), NORMAL or WARM (less Bluish tone) settings.



Note: When adjustments are complete, you may select another menu by pressing the **MENU** button.

The AUDIO menu offers options to make audio enhancements for listening through the built-in speakers or to select digital audio options when connected to a Digital receiver through the Digital Audio Output.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select AUDIO. Press the ▼ button to highlight SOUND MODE and then press the ▶ button to select your sound preference from 4 factory options: PERSONAL > STANDARD > MUSIC > MOVIE.

To make more critical sound adjustments based on your own preferences in the PERSONAL options:

• Bass

Press the ▼ button to highlight Bass. Use the ◀ ▶ buttons to increase or decrease low frequency Bass intensity.

• Treble

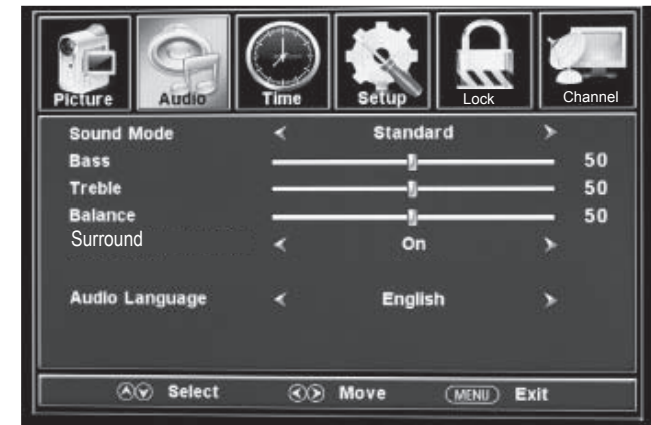
Press the ▼ button to highlight Treble. Use the ◀ ▶ buttons to increase or decrease high frequency Treble intensity.

• Balance

Press the ▼ button to highlight Balance. Use the ◀ ▶ buttons to balance the sound between the left or right speaker.

• Surround

Press the ▼ button to highlight Surround. Use the ◀ ▶ buttons to select between; ON > OFF.



• Audio Language

Press the ▼ button to highlight Audio Language. Scroll using the Navigation ◀ ▶ buttons to select an alternative language broadcast (if available). Choose from: English > Spanish > French.

Note: This feature is not available when text is grayed out.

You may select an alternative language using the remote control by pressing **MTS**.

Note: When adjustments are complete, you may select another menu by pressing the **MENU** button.

The TIME menu includes adjustments for the settings of your local time zone and daylight savings time. The clock will adjust automatically after you perform the Channel Auto Scan of available broadcast channels in your area. (See page 18 for TV Setup)

How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select TIME .

- Press the ▼ button to highlight the Sleep Timer. Then press the ▶ button to select the amount of time to view before the television timer turns the set off: 5 Min > 10 Min > 15 Min > 30 Min > 45 Min > 60 Min > 90 Min > 120 Min > 180 Min > 240 Min > OFF.

- Press the ▼ button to highlight Time Zone. Then press the ▶ button to select between: EASTERN > CENTRAL > MOUNTAIN > PACIFIC > ALASKA > HAWAII.

- Press the ▼ button to highlight "Daylight Savings Time". Navigate using the ◀ ▶ buttons to turn this feature on or off.



Note: This feature is not available when text is grayed out.

Note: When adjustments are complete, you may select another menu by pressing the **MENU** button .

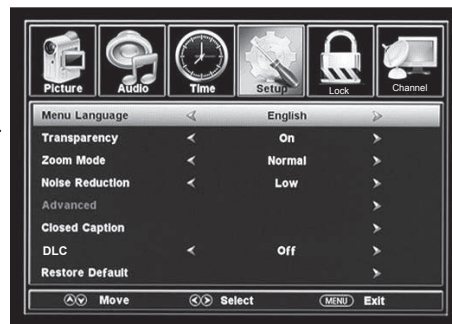
In the **SETUP** menu, you may change the initial setup preferences that include settings for language, menu display, computer monitoring, closed captions, enhancement of contrast details in the picture and resetting your TV back to its factory default settings.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select **SETUP**. Enter the display options by pressing the down ▼ button to highlight the Menu Language or other options, then press the ▶ button to select the menu choice.

• Languages

Other languages include Spanish and French. Navigate using the ◀ ▶ buttons to select a different menu language.



• Transparency.

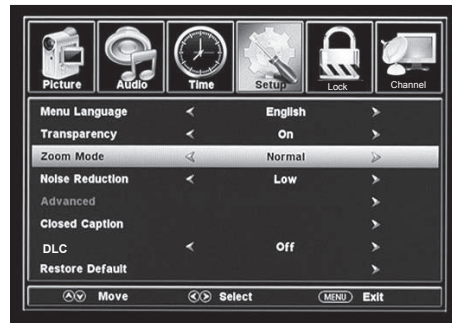
Navigate using the ◀ ▶ buttons to turn OFF or ON the translucent effect of the User menu.



• Aspect (Zoom Mode)

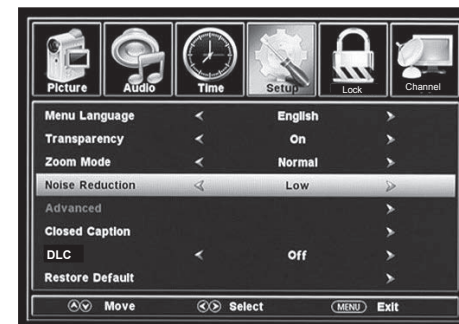
Navigate using the ◀ ▶ buttons to select the viewing aspect to be displayed: Normal > Wide > Zoom > Cinema.

The Aspect feature is also available on the remote control. (See page 28)



• Noise Reduction.

Navigate using the ◀ ▶ buttons to reduce video noise: OFF > Weak > Middle > Strong.



• DLC.

The DLC feature provides noticeable contrast detail enhancement. Navigate using the ◀ ▶ buttons to select; OFF > ON.

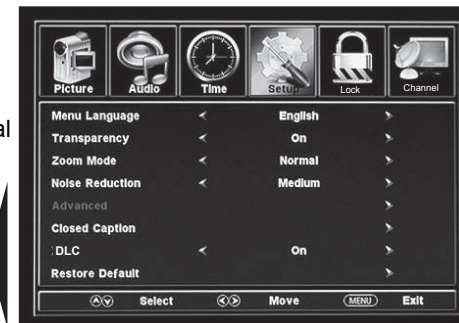


• Restore Factory Defaults.

Press the ▶ button to automatically reset all current adjustments back to their original factory settings.



When prompted, Select "Yes" to confirm.



NOTE: Closed Caption and Advanced are features described on the following pages.

The SETUP menu includes adjustments for activating the Closed Caption (CC) feature for display on the television and customization of the CC display types and font styles.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using arrow ◀ ▶ buttons to select SETUP. Press the ▼ arrow button to highlight Closed Caption.



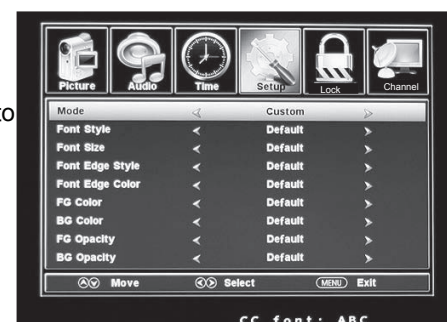
- Press the ▼ arrow button to highlight Advanced Selection. Navigate using the ◀ ▶ buttons to select Service 1-6.



- Press the ▼ button to highlight the CC Mode. Navigate using the ◀ ▶ buttons. Select Off > On > CC or Mute.



- Press the ▼ button to highlight Option. Press the ▶ button to enter a menu option to customize text fonts, colors and opacities.



- Press the ▼ button to highlight Basic Selection. Navigate using the ◀ ▶ buttons and select CC 1-4, Text 1-4.



Note: When adjustments are complete, you may select another menu by pressing the **MENU** button. Features are not available when text is grayed out.

In the SETUP menu, you may adjust the position of images displayed on screen once you connect your PC. The recommended resolution setting is 1366 x 766. For use with a laptop computer, refer to the owners manual for instruction on proper display output. If your PC system uses a standard signal mode, the TV screen will adjust automatically. Connect an optional 3.5mm audio cable (not included) for stereo sound. See page 15 for details.

How to Navigate:

After connecting to a PC, press the **VGA** button on your remote control. Press the **MENU** button on the remote control and navigate using The ◀ ▶ buttons to select SETUP. Access the position adjustment options by pressing the ▼ button to highlight Advanced. Then press the ▶ button to select from the following options.

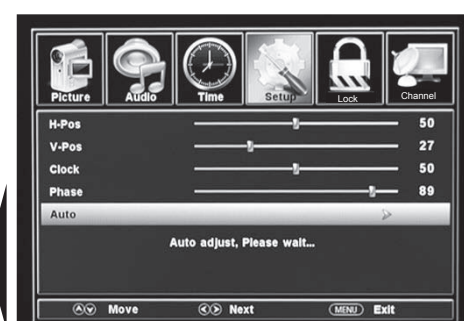
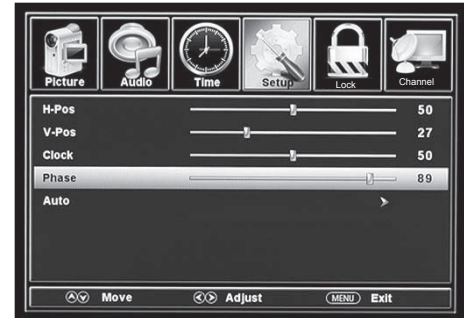
- Highlight H-Pos. Navigate using the ◀ ▶ buttons to adjust the position of images displayed from side to side.

- Highlight V-Pos. Navigate using the ◀ ▶ buttons to adjust the position of images displayed up and down.

- Highlight Clock. Navigate using the ◀ ▶ buttons to control the width of the image.

- Highlight Phase. Navigate using the ◀ ▶ buttons to improve focus and image stability.

- Highlight Auto. Press the ▶ button to automatically adjust the display to the best setting. When prompted, select Yes to confirm.



When prompted, Select "Yes" to confirm.

In the PARENTAL menu, you may block television and movie programming based on TV ratings and Motion Picture Association of America guidelines. To gain access and select your preferences within the Parental Control menu, make certain your input selection is set to TV.

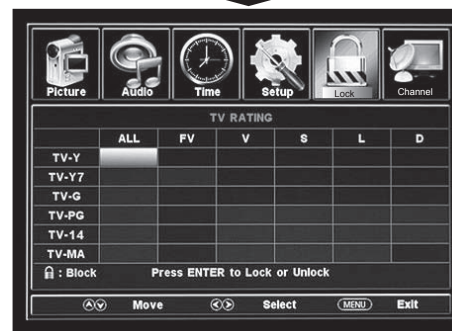
How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select PARENTAL. Access the rating options by pressing the ▼ button to highlight ENTER PASSWORD. Enter your 4 digit password code. The factory default code is "0000" unless you have previously changed it. See page 24 for information on how to change your password.



• To set parental controls for television programming or DVD movies, press the ▼▲ buttons to highlight US (United States). Navigate using the ◀ ▶ buttons to highlight the TV / MPAA menu.

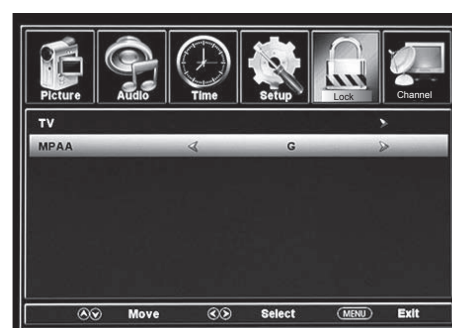
• To change the password, press the ▶ button to display the screen to enter your new password, then confirm again. (not illustrated)



• Highlight TV, then press the ▶ button to enter the TV ratings menu to select your preference.

TV-Y Appropriate for all children
 TV-Y7 Appropriate for all children over 7
 TV-G General Audience
 TV-PG Parental Guidance Suggested
 TV-14 Parents Strongly Cautioned
 TV-MA Mature Audience Only

• To make changes to your PARENTAL control settings, highlight the SYSTEM LOCK setting then press the ▶ button to turn the system ON.



• Highlight the MPAA menu then press the ▶ button repeatedly to select your movie rating preference.

G - General Audience
 PG - Parental Guidance Suggested
 PG 13 - Parents Strongly Cautioned
 R - Restricted
 NC17 - No One Under 17 Permitted
 X - Adults Only

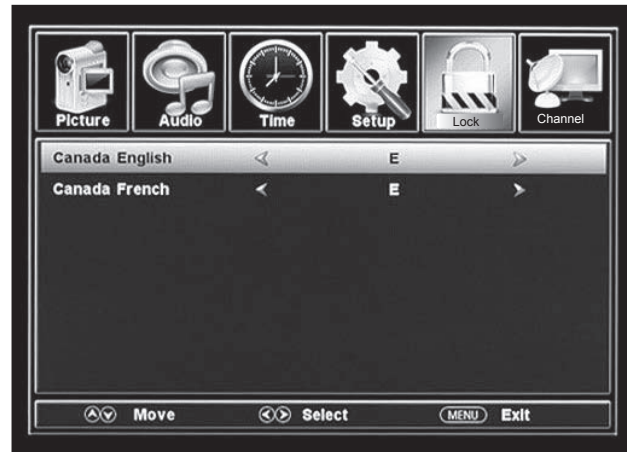
NOTE: Features are not available when text is grayed out.

In the PARENTAL menu, you may block television and movie programming based on Canadian TV and movie rating guidelines. To gain access and select your preferences in the Parental Control menu, make certain your input selection is set to TV.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select PARENTAL. Access the rating options by pressing the ▼ button to highlight ENTER PASSWORD. Enter your 4 digit password code. The factory default code is "0000" unless you have previously changed it. See page 24 for information on how to change your password.

- Navigate using the ▼ button to highlight CANADA ENGLISH then press the ▶ button repeatedly to select your ratings preference.



- E Appropriate for everyone
- C Appropriate for all children
- C8+ Appropriate for everyone 8 years old and up
- G General Audience
- PG Parental Guidance
- 14+ Appropriate for Children over 14 years old
- 18+ Mature Audience Only

- Navigate using the ▼ button to highlight CANADA FRENCH then press the ▶ button repeatedly to select your ratings preference.



- E Appropriate for everyone
- G General Audience
- 8 ans+ Appropriate for Children 8 years old and up
- 13 ans+ Appropriate for Children 13 years old and up
- 16 ans+ Appropriate for Children 16 years old and up
- 18 ans+ Mature Audience Only

Note: When adjustments are complete, you may select another menu by pressing the **MENU** button.

The TV menu provides the setup / changes of your television to receive broadcast channels, store your favorite channels, add or skip channels in memory and label or name channels. For antenna and Auto Channel Scan setup, please refer to page 18.

How to Navigate:

Press the **MENU** button on the remote control. Navigate using the ◀ ▶ buttons to select TV. Press the ▼ button to highlight your preferences.

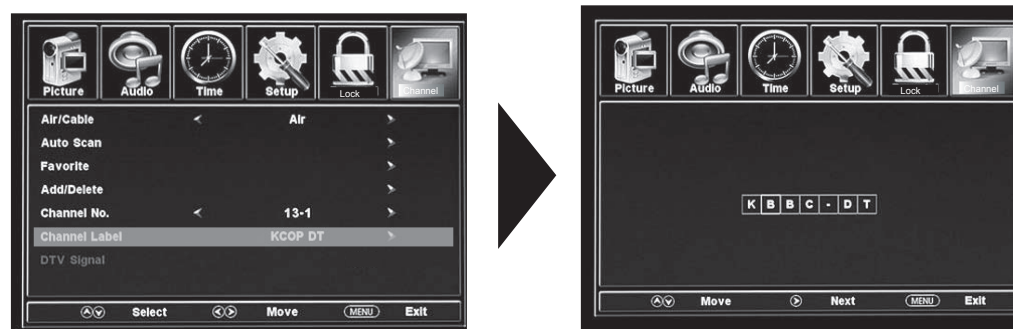
- Highlight FAVORITE to add channels to your Favorites memory list. Navigate using the ◀ ▶ ▼ ▲ buttons to select channels to be added or deleted from your favorites list. Press the **ENTER** button to add or delete a channel. A checkmark indicates a channel has been added. You may also display your list of FAVORITE channels by pressing the **FAV** button on the remote control.



- Highlight ADD / DELETE to select or skip a channel already in memory. Navigate using the ◀ ▶ ▼ ▲ buttons to access the list of available channels. Press **ENTER** to change the channels' status. A checkmark indicates a channel has been added to memory.



- Highlight CHANNEL LABEL to name or rename a broadcast channel. Navigate using the ▶ button to enter the screen menu to re-label a channel. Use the ▼ ▲ buttons to spell out each letter, number or character. Use the ◀ ▶ buttons to advance to the next space.



NOTE: The DTV SIGNAL is a measurement of signal strength for the current channel viewed.

The **ASPECT** function offers several viewing display options on the 16:9 screen. Press the **ASPECT** button to cycle through the following widescreen settings.

Press **ASPECT** to cycle through the following widescreen settings



1. NORMAL

The Normal aspect is recommended for viewing native widescreen content and undistorted 4:3 images.



2. WIDE

Stretches certain 4:3 content and may reduce the black bars. This aspect will also cause images to appear shorter and wider.



3. ZOOM

Stretches the image both vertically and horizontally to fill the screen when viewing widescreen content. The zoom effect will also crop images somewhat.



4. CINEMA

When viewing 4:3 content, Cinema mode will fill the entire screen eliminating the side black bars. It may also eliminate or reduce black bars on certain widescreen movies.



1. Press the **INPUT** button on the remote control to display the Input menu. Use the ▼▲ buttons to select USB.
2. Use the ◀ ▶ buttons to highlight an individual USB option.

Press the ◀ ▶ buttons to select Photo, and then press the **ENTER** button to enter.

Select the option you want to play using the Navigation buttons.
Press **EXIT** button to go back.



Press the ◀ ▶ button to select Music, and then press the **ENTER** button to enter.

Select the option you want to play using the Navigation buttons.
Press **EXIT** button to go back.



To operate this TV using the remote control provided by your Cable / Satellite provider, follow the programming instructions included with the providers' remote control and input the following codes when prompted;

- For Comcast or DirecTV remote controls, input the code- 10030.
- For AT&T (U-verse) remote Controls, input the code- 1043.
- For RCA Universal Remote Controls, input the code- 0030.

Specifications

Display	LCD
Size (inch)	18.5" Diagonal
Aspect Ratio	16:9
Digital Compatibility	480i / 480p / 720p / 1080i / 1080p
Resolution	1366 x 768
Brightness (cd/m2)	200
Dynamic Contrast Ratio	1000:1
Vertical Viewing Angle (degrees)	160°
Horizontal Viewing Angle (degrees)	170°
Maximum Colors (millions)	16.7M
Power Consumption	30 Watts
Audio Power	2 X 2.5 W
Dimension without Pedestal Installed	18.4" x 2.6" x 13.5" inches
Weight without Pedestal	8.15lbs
Input Connections	Composite Video (1) Y Pb Pr (1) HDMI (2) RF (1) PC/VGA (1) PC Audio IN (3.5mm) (1) Headphone Jack (3.5mm) (1) USB (1) DC IN (1)

Check for a possible solution to a symptom before contacting a customer service representative.

<u>Symptom</u>	<u>Possible Solutions</u>
No color	• Check the video installation of your external A / V equipment. See pages 10-15.
Cannot receive certain channels through the antenna	• Perform Channel Scan to add channels into the TV tuner memory. See page 18. • Readjust your antenna and retry Auto Channel Scan. • Signal from the TV station may be weak in your area.
TV signal is blocked on certain channels	• Perform Channel Scan to add channels into the TV tuner memory. See page 18. • Check whether the channel was deleted. See page 27. • Check parental control settings. See pages 25, 26. • Restore default settings. See page 22.
Video noise or choppy picture	• Readjust the antenna. Keep the TV away from electronic noise sources such as neon lights and microwave appliances.
No sound	• Check that connected audio cables are fully inserted. • Verify you have selected the correct audio source from your amplifier. See page 16. • Mute function may be enabled, press mute on the remote to disable.
Black box on screen	• The "Text" option is enabled and no text is available. • Press the CCD button on the remote control to turn off.
No power	• Batteries in the remote control may need replacing. • Re-attach the AC plug to wall outlet.
No picture	• Digital TV channel signal strength may be weak, try another channel. • Press INPUT button to verify the desired input selected. • Re-connect the antenna or cable wiring. • Restore default settings. See page 22.
Remote control does not function	• Replace batteries with new ones. • Check that battery polarity is correct. • Point remote directly at the TV's IR receiver. See page 7.

A

Add/Delete channels	27
Advanced mode	24
Advanced selection	23
Air/Cable	11, 17-18
Antenna installation	11
Arrow buttons	8
Aspect Mode	8, 22, 28
Audio Setup & Adj.	8, 16, 20
Audio Language	20

B

Balance Adjustment	20
Bass Adjustment	20
Batteries	7
Brightness Adjustment	19

C

CCD (Closed Caption)	8, 23
Cable Installation	11, 17-18
Canadian Ratings	26
Channel Up/Down	8-9
Channel Auto Scan	17-18
Channel Label	27
Channel List	8
Clock	21, 24
Cinema Zoom	28
Coaxial Digital Output	16
Color Adjustment	19
Color Temperature	19
Composite Input	14
Component Input	13
Computer Connection	15, 24
Contrast Adjustment	19

D

Dash (-)	8
Daylight Savings Time	21
Default Settings	22
Digital Cable	11
Digital Set Top Box	11
Digital Audio	16
Display	8
Display Modes for PC	15
DLC	22

E

Exit	8
------	---

F

Favorite Channels	8, 27
-------------------	-------

G

Guide	8
-------	---

H

HDMI Inputs	12
Headphone	10
Home Theater	16

I

IR Receiver	7, 9
Input	8-9, 12-15

L

Languages	20, 22
Last	8
LED light	9

M

Master Power	9-10
MEMC	19
Menu	8-9, 17-27
MTS	8
Motion Technology 60Hz	6
Mute	8
Movie Ratings	25-26
Movie Mode	19

N

Normal Aspect	28
Noise Reduction	22
Number Buttons	8

P

Parental Control	25-26
Password	25-26
Pedestal Stand Removal	10
PC	10, 15, 24
Phase	24

Picture Modes	8, 19
Power Connection	17

R

RAW	16
Ratings (TV, Movie)	25-26
Remote Control	7-8
RF Input	10, 11
Restore Default setting	22
Reset Password	25
Roof Antenna	11

S

Satellite Installation	11-14
Sleep Timer	8, 21
Sharpness adjustment	19
Standby	8-9
Speakers (built-in)	16, 20

T

Time Zone	21
Tint Adjustment	19
Treble Adjustment	20
Transparency	22

V

Video Adjustment	19
Volume Adjustment	8-9
VGA Installation & Adj.	10, 15, 24

W

Wall Mounting	10
Wide Aspect	28

XYZ

Y Pb Pr	9, 12
---------	-------



LIMITED ONE-YEAR TELEVISION WARRANTY

We warrant this product to be free from defects in material and workmanship under normal use for a one-year period from the original date of purchase from an authorized VIDAO dealer. We will repair or replace the unit free of charge should it become defective under this warranty, providing you, the original purchaser, submit proof of purchase (sales slip) along with the TV and all accessories.

During the one-year period from the original purchase date, we will service or exchange the TV, at no charge. To obtain warranty service or replacement within the duration of the one-year warranty, please return the product and all accessories to the original place of purchase.

For technical support, the VIDAO Technical Support Center is available 24-hours a day, 7-days a week for technical assistance or troubleshooting at 1-800-936-1168.

This warranty does not cover any product which has been subject to damage due to an act of nature, misuse, neglect, accident, abuse, commercial use, or modification of, or to, any part of the product, including the antenna. Damage to any external media such as DVD, CD, and/or USB or other memory devices are not covered nor is the cost incurred in shipping the unit for warranty repair. Under no circumstances shall VIDAO be liable for any loss (direct, indirect, incidental, foreseen, unforeseen, special or consequential) or for any damage arising out of, or in connection with, the use of this product.

UNDER NO CIRCUMSTANCES WILL VIDAO BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty does not cover re-manufactured units, or product sold 'As Is'

This warranty is valid only to the original purchaser of the Product in the United States, Canada, and Mexico and grants specific legal rights.