

To play from the component video device:

- 1 Turn on the TV, then press **INPUT**. The **INPUT SOURCE** menu opens.
- 2 Press **▲** or **▼** to select **Component**, then press **ENTER**.
- 3 Turn on the component video device and start playback. Refer to the instructions that came with the component video device.

- 3 Connect the audio connectors of the AV cable (the white and red connectors) to the **AV OUT AUDIO** jacks of the external device, then connect them to the **AUDIO L** and **R** jacks on the back of your TV.

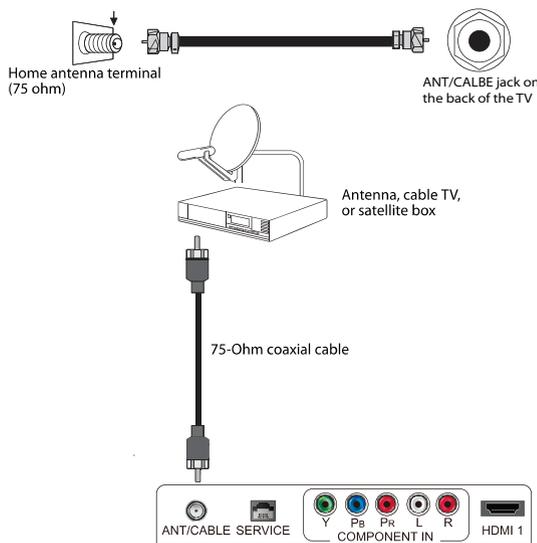
Connecting an antenna, cable TV, or satellite TV box

If you are connecting a satellite TV or cable box, you can use one of the following (if available):

- Best - HDMI cable
- Better - Video component cables
- Good - Video composite cable
- Acceptable - 75-ohm coaxial cable.

To connect an antenna, cable TV, or satellite TV box:

- Connect one end of a 75-Ohm, coaxial cable to the **ANT/CABLE** jack on the back of the TV, then connect the other end of the cable to the antenna or cable TV wall jack.



Notes:

- We recommend using a 75-Ohm, coaxial cable to reduce interference and noise that may be caused by radio wave transmissions.
- Do not bundle the coaxial cable with the power cord or any other cables.
- If you are using an antenna and reception is not good, contact a service technician to adjust the antenna.

Connecting a VCR, camcorder, or game console

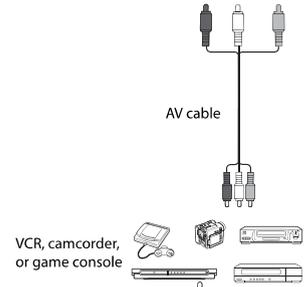
Note: If the VCR, camcorder, or game console has component jacks (better), or an HDMI jack (best), connect them using the best available connection.

To connect a VCR, camcorder, or game console:

- 1 Make sure that your TV's power cord is unplugged and the VCR, camcorder, or game console is turned off.
- 2 Connect one end of a standard AV cable (not included) into the **VIDEO** jack on the back of the TV, then connect the other end of the cable to the **AV OUT VIDEO** jack on the external device.



Note: Cables are often color-coded to connectors. Connect yellow to yellow, red to red, and white to white.



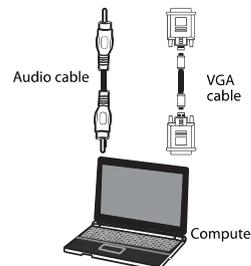
To play the external AV device:

- 1 Turn on the TV, then press **INPUT**. The **INPUT SOURCE** menu opens.
- 2 Press **▲** or **▼** to select **Video**, then press **ENTER**.
- 3 Turn on the device, then start playback on the device.

Connecting a computer

To connect a computer:

- 1 Make sure that your TV's power cord is unplugged and the computer is turned off.
- 2 Connect one end of a VGA cable (not included) to the **VGA** jack on the side of the TV, then connect the other end of the cable to the VGA jack on the computer. The D-Sub cable will not supplied with the product. We strongly recommend to use D-Sub cable with 2 cores as shown in the figure.



- 3 Connect one end of an audio cable with a stereo mini-plug (not included) to the **PC AUDIO IN** jack on the side of the TV, then connect the other end of the cable to the **AUDIO OUT** jack on the computer.

To play video from the computer:

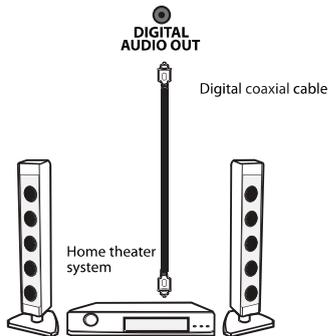
- 1 Turn on the TV, then press **INPUT**. The **INPUT SOURCE** menu opens.
- 2 Press **▲** or **▼** to select **PC**, then press **ENTER**.
- 3 Turn on the computer, then adjust the computer display properties as needed.

Connecting a home theater system

Connecting using a digital audio cable

To connect using a digital coaxial cable:

- 1 Make sure that your TV's power cord is unplugged and the home theater system is turned off.
- 2 Connect one end of a digital coaxial audio cable (not included) to the **DIGITAL AUDIO OUT** jack on the back of the TV.



- 3 Connect the other end of the audio cable to the digital coaxial input jack on the home theater system.

To play TV sound through a home theater system:

- 1 Turn on the TV and select a program to watch.
- 2 Turn on the home theater system and select the TV sound source, then adjust the volume to a comfortable level.

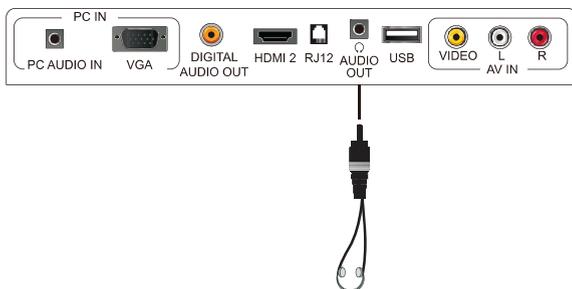
Connecting headphones

Warning: When using headphones, adjust the headphone volume to avoid excessively loud volume which can damage your hearing.

To connect headphones:

- Plug the headphones (not included) into the **○/AUDIO OUT** jack on the back of the TV.

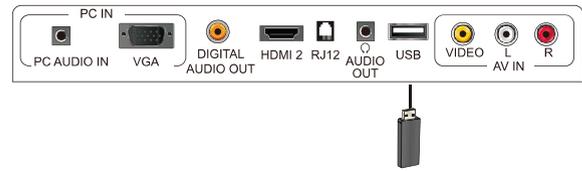
Note: The TV sound automatically mutes when headphones are connected.



Connecting devices with USB interface

Plug the USB stick into USB port on the side of TV.

- 1 The USB detect message will pop out when you plug in USB stick into TV. Select "OK" to review content on USB.
- 2 Or you can press INPUT button on the remote control or on the TV and select DMP in source list.



Understanding the basics

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). Your TV turns on.
- 3 Press **⏻** 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 video input source

To select the video input source:

- 1 Turn on your TV, then press **INPUT** on the remote control or on the TV. The **INPUT SOURCE** menu opens.
- 2 Press **▲** or **▼** to highlight the video source you want, then press **ENTER**. Options include **TV, Video, Component, PC (computer), HDMI, DMP**.

Selecting a channel

Tip: If you are using a cable or satellite box, use the remote control that came with that device to change channels.

To select a channel:

- Press **CH ▲ / CH ▼** to go to the next or previous channel.
- Press the number buttons to enter the channel number you want, then wait for the channel to change, or press **ENTER** to change the channel immediately.
 - To select a digital channel, press the number buttons to select the main digital channel, then press the dash(-) button, then press the number buttons again to select the sub-channel. Wait for the channel to change or press **ENTER** to change the channel.

Note: Button presses must be within three seconds of each other.

- Press **LAST** to go to the last channel viewed.
- Press **CH.LIST** to display a list of memorized channels, press **▲** or **▼** to select the channel you want from the list, then press **ENTER** to go to that channel.

Note: If the list has more than one page, press **▲** or **▼** to scroll through the pages.

Adjusting the volume

To adjust the volume:

- Press **VOL ▲ / VOL ▼** to increase or decrease the volume.
- Press **MUTE** to temporarily turn off all sound. Press **MUTE** again to restore the sound.

Displaying program information

To display program information:

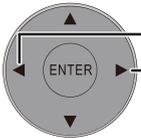
- Press **INFO** to show an information banner. The information banner shows current program information such as channel number, video input source, and resolution.
 - **Digital signal information**—Displays channel number, station name, channel label (if preset), broadcast program name, signal type, audio information, resolution, and current program start and end times when watching a digital channel.
 - **Analog signal information**—Displays channel number, channel label (if preset), signal type, audio information, and resolution when watching an analog channel.
- Press **GUIDE** to show the digital program guide, which may show a list of available programs, program times, and program summaries, depending on the information provided by the broadcaster.

① Picture	Picture Mode	Lets you enable one of five preset viewing options optimized for different viewing conditions.
	Contrast	Lets you adjust the level of picture contrast. Increasing the contrast adds more light to the white areas of the picture.
	Brightness	Lets you adjust the level of brightness on the screen. Increasing brightness can add more light to dark areas of the picture.
	Backlight	Lets you control panel overall brightness and background.
	Saturation	Lets you adjust the level of color intensity.
	Hue	Adjusts the color balance of the picture. Use this control to make skin tone look more natural.
	Sharpness	Lets you adjust the focus of the picture. Increase sharpness for a clearer picture, or decrease sharpness for a smoother picture.
	Color Temperature	Lets you select one of three preset color temperature settings: Cool , Normal or Warm .

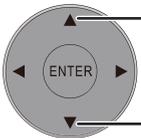
Navigating the menus



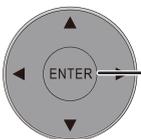
Press to display the Main menu.



Press to select menus, to adjust selected items, or move on-screen cursor left or right.



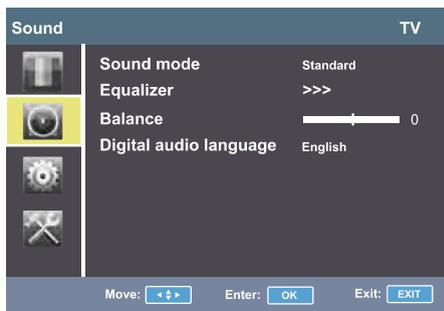
Press to select the menu items.



Press to confirm your selection or enter a sub-menu.

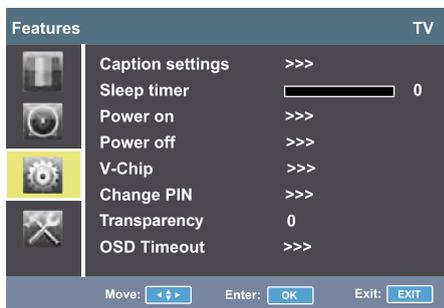


Press to close the menu.



②

② Sound	Sound mode	Lets you select one of preset sound mode or customized sound effective by yourself.
	Equalizer	Lets you select the audio frequency you want to adjust and change its value.
	Balance	Lets you adjust the balance between the left and right speakers.
	Digital audio language	Lets you select the language track you prefer for viewing digital TV programs. Available options depend on your digital TV provider.



③

③ Features	Caption settings	Lets you configure the settings for closed caption in TV programs.
	Sleep time	Lets you select sleep timer among 0 to 180 minutes.
	Power on	Lets you set the TV on time of every day.

On-screen menu overview

Use the on-screen menu to configure the various operational settings of your TV. To access the menu, press **MENU**. The menus and their corresponding functions are described in the following table:

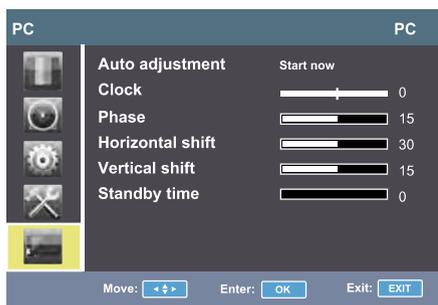


Use the on-screen menu to configure the various operational settings of your TV. To access the menu, press **MENU**. The menus and their corresponding functions are described in the following table:

③ Features	Power off	Lets you set the TV off time every day.
	V-Chip	Lets you select certain programs to be blocked.
	Transparency	Lets you adjust Menu transparency.
	OSD Timeout	Set display time of Menu.



④ Installation	Language	Lets you select the lanugage for the On-Screen Display. Choose from English, French, or Spanish.
	Channels	Lets you select RF signal source for your TV. And lets you initiate an automatic channel scan to search the available channels on your TV.
	Time	Lets you configure the system clock,time zone settings and daylight saving.
	Source Labels	Lets you name each input.
	Reset AV settings	Change setting back to default. (picture and sound only)



⑤ PC	Auto adjustment	Adjust the position of image on screen automatically.
	Clock	Adjust the clock used to synchronizing the image.
	Phase	Adjust the phase of the clock used for synchronizing the image.
	Horizontal shift	Adjust the horizontal position of the image.
	Vertical shift	Adjust the vertical position of the image.
	Standby time	Adjust the off time when there is no signal input.



⑥ DMP	Slide time	Lets you select the photo slide time: Long, Medium or Shot.
	Transitions	Lets you select photo transitions way from current picture to next picture.
	Rotate	Lets you rotate picture.
	Zoom	Lets you zoom in/out picture.

DMP Function Introduction

Signal mode	support format
Pcture	JPEG
Music	MP3