

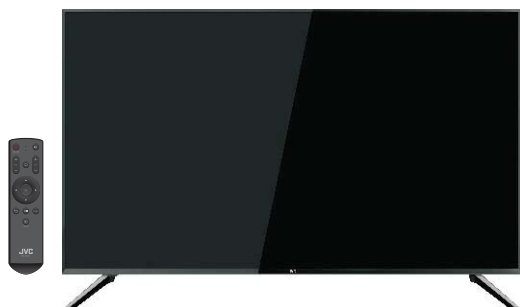
# JVC

4K UHD HDR Smart TV

## LT-43MA875 (43" class/ 42.5" diagonal)

### INSTRUCTIONS

ENGLISH



#### ATTENTION

If you purchase a universal remote control from your local retailer, please contact the remote manufacturer for the required programming code.

PLEASE HAVE THE MODEL NUMBER READY PRIOR TO CALLING  
FOR RECYCLING INFORMATION, PLEASE CONTACT CUSTOMER SERVICE.

**CUSTOMER SERVICE - 1-888-582-8870**

Before operating the unit, please read this manual thoroughly.

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**IMPORTANT SAFETY INSTRUCTION**

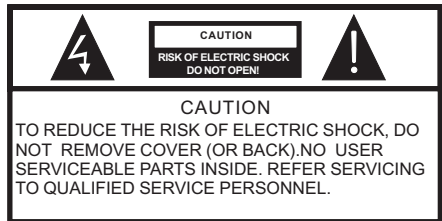
- 1) Read these instructions.
  - 2) Keep these instructions.
  - 3) Heed all warnings.
  - 4) Follow all instructions.
  - 5) Do not use this apparatus near water.
  - 6) Clean only with dry cloth.
  - 7) Do not block any ventilation openings, install in accordance with the instructions.
  - 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 10) Protected 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) Unplug this apparatus during lighting storms or when unused for long periods of time.
  - 13) 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.
  - 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
  - 15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
  - 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
  - 17) Attention should be drawn to the environmental aspects of battery disposal.
  - 18) The use of apparatus in moderate climate.
  - 19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Warning: To avoid any injury caused by lean of the product, please always ensure the whole product was placed within the table surface in horizontal.

**WARNING**

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.



The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

**WARNING:**

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

**WARNING:**

The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

**Step one: Use the expansion bolts(4\*36PWA) to fix the wall mount brackets into the wall**

**Step Two: Fix the wall mount screws (M6x8mm/4pcs) into the rear side of the LCD TV, using the tongue of 8kgf.cm.**  
\* The TV appearance subject to material object.

**Step Three: Put the LCD TV with wall mount screws onto the wall mount brackets.**  
Warning: the angle between the TV and wall must not be bigger than 3°.

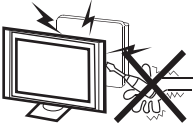
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and 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.

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



**Warning** ⚡

High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



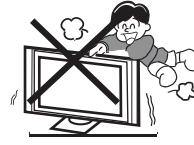
**Caution** ⚠

Do not trap the power supply cord under the television receiver.



**Warning** ⚡

To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



**Caution** ⚠

Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.



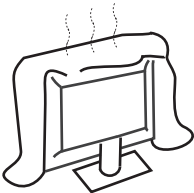
**Warning** ⚡

Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



**Caution** ⚠

Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



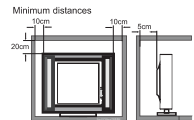
**Caution** ⚠

Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



**Caution** ⚠

When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



## Introduction

Congratulations on your purchase of a high-quality JVC product. Your **LT-43MA875**, **LT-49MA875**, **LT-55MA875**, or **LT-65MA875** represents the state of the art in LED TV design and is designed for reliable and trouble-free performance.

### Google Chromecast™ built-in

#### UNLIMITED ENTERTAINMENT, ALL ON YOUR SCHEDULE

- With Google Chromecast™ built-in, you are in command. Access more than 200,000 TV shows and movies, millions of songs and more through apps like Netflix, YouTube, and Google Play. Discover new content, with more apps being added all the time at [g.co/castapps](http://g.co/castapps).

#### USE YOUR PHONE AS A REMOTE

- By using your phone, there's nothing new to learn—cast your apps, your playlists, your TV shows—without new log-ins or downloads. It's simple to search, browse, queue, and control from anywhere in the home.

#### MULTI-TASK WITHOUT INTERRUPTING WHAT'S PLAYING

- While you are casting, you can keep using your phone for other things without disrupting what is playing on the TV.

### HDMI® CEC Control

Enjoy the benefit of having HDMI CEC-compatible products plug and play! No setup is needed! CEC technology lets different devices discover and communicate with each other.

### DTS Studio Sound®

DTS Studio Sound is an advanced surround sound solution suite that accurately extracts and places audio cues for an immersive surround experience over the TV's built-in speakers. To complete the audio experience, post processing and psychoacoustic techniques are implemented to provide 3D audio rendering to match 3D video content, for bass and dialog enhancement and to deliver consistent and level volume across content.

### 4K ULTRA HD CONNECTED

Four times the pixel resolution of the 1080full HD. 4K Ultra HD TVs with at least 8 million active pixels. Our televisions that resolution has standardized to 3,840 by 2,160.

### HDR

Expanding the TV's contrast ratio and color palette to offer a more realistic, natural image than what's possible with today's HDTVs. Support HDR video, HDR Creates a wider gamut of colors, allowing for a more vivid display. HDR for TVs aims to show you a more realistic image, one with more contrast, brightness and color than before.

### Audio accessibility

Your TV provides audio descriptions of menus and some remote control functions. Depending on the broadcaster, audio narration of key elements in programs may also be available.

!Thank you very much for purchasing this TV. To enjoy your product from the very beginning, read this manual carefully and keep it handy for easy reference.

**CAUTION**

Never tamper with any components inside the TV, or any other adjustment controls not mentioned in this manual. All LED-TVs are high voltage instruments. When you clean up dust or water drops on the LED PANEL or CABINET, the power cord should be pulled out from the receptacle, then wipe the TV with a dry soft cloth. During thunder and lightning, unplug the power cord and antenna cord to prevent damage to your TV. All repairs to this TV should only be performed by qualified TV service personnel.

**Main features**

- Integrated ATSC TV tuner for HDTV broadcast reception
- High brightness provides a vivid and brilliant picture
- Deeper blacks and brighter whites with high contrast
- Wide Screen aspect ratio (16:9) for a complete home theater experience
- HDMI input for true digital connection
- Built-in stereo speaker system
- Full-function Remote Control

**INSTALLATION**

- \*Locate the TV in the room where light does not strike the screen directly.
- \*Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
- \*Allow enough space between the TV and the wall to permit ventilation.
- \*Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- \*Do not cover the ventilation openings when using the TV.

**Accessories**

Power cable..... 1

Infrared Remote Control..... 1

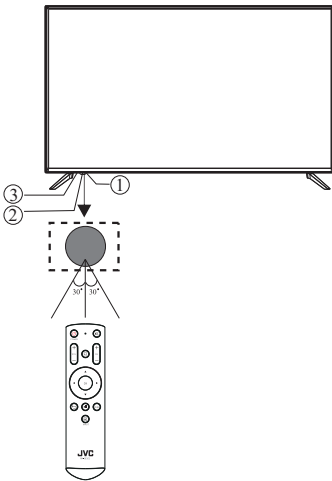
User’s Manual ..... 1

Battery(AAA).....2

**Main Specifications**

Viewing Picture Size (diagonal)	43"
Resolution:	3840 x 2160
Power supply	AC 100-240V 50/60Hz
Power consumption	70W
Audio Output Power (THD ≤ 7%):	2x8W
Aspect Ratio:	16:9
TV System:	ATSC Digital system and NTSC Analog system
Video Signal System:	NTSC
Receiving Channel:	Cable :1-135/ Air: 2-69 (ATV&DTV)
High-Definition Multimedia Interface (HDMI) Input	x 3
Composite Video Input	x 1
Optical Output	x 1
LAN	x 1
Headphone Output	x 1
USB Input	x 1
Horizontal definition (TV line)	Composite Video Input ≥350 Video Input ≥400 Component (YPbPr) ≥400

**Front panel**

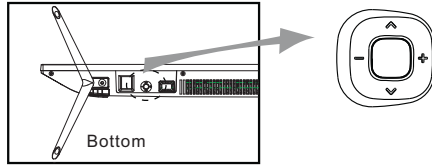


- 1: Remote control sensor.
- 2: Indicator LED: RED ● STANDBY.
- 3: Keyboard

**KEYBOARD**

The keyboard is located at the bottom left near the right side of signal indicator.

Remote Buttons



- “ - ” VOL- and move left
  - “ + ” VOL+ and move right
  - “ ^ ” CH- and move down
  - “ v ” CH+ and move up
- “ Center button ” power key and source key, hold it for a long time, the TV will power down.

**REAR Connections**



All the terminals are (from left to right):  
LAN, VIDEO ,RF.

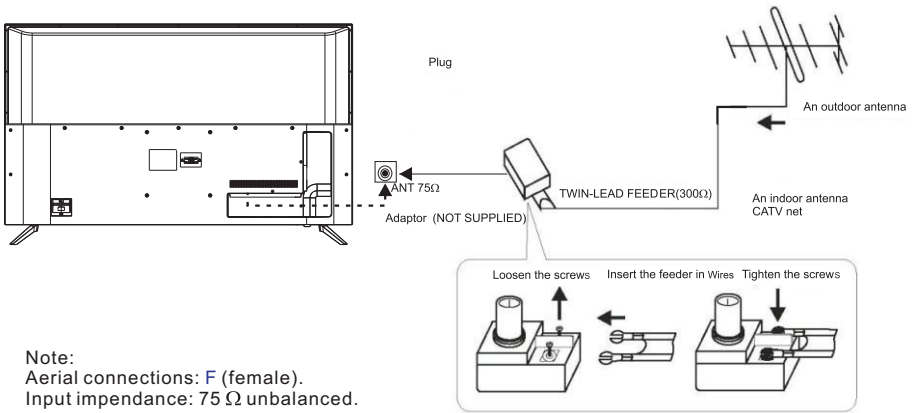
**SIDE Connections**



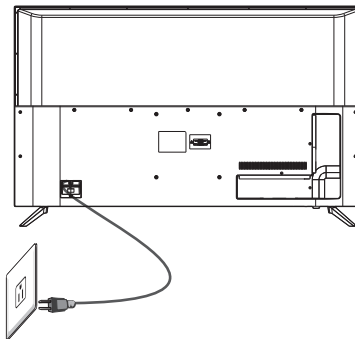
All the terminals are (from left to right):  
HEADPHONE, OPTICAL, HDMI3, HDMI2, HDMI1, USB.



**ANTENNA**



Note:  
 Aerial connections: F (female).  
 Input impedance: 75 Ω unbalanced.

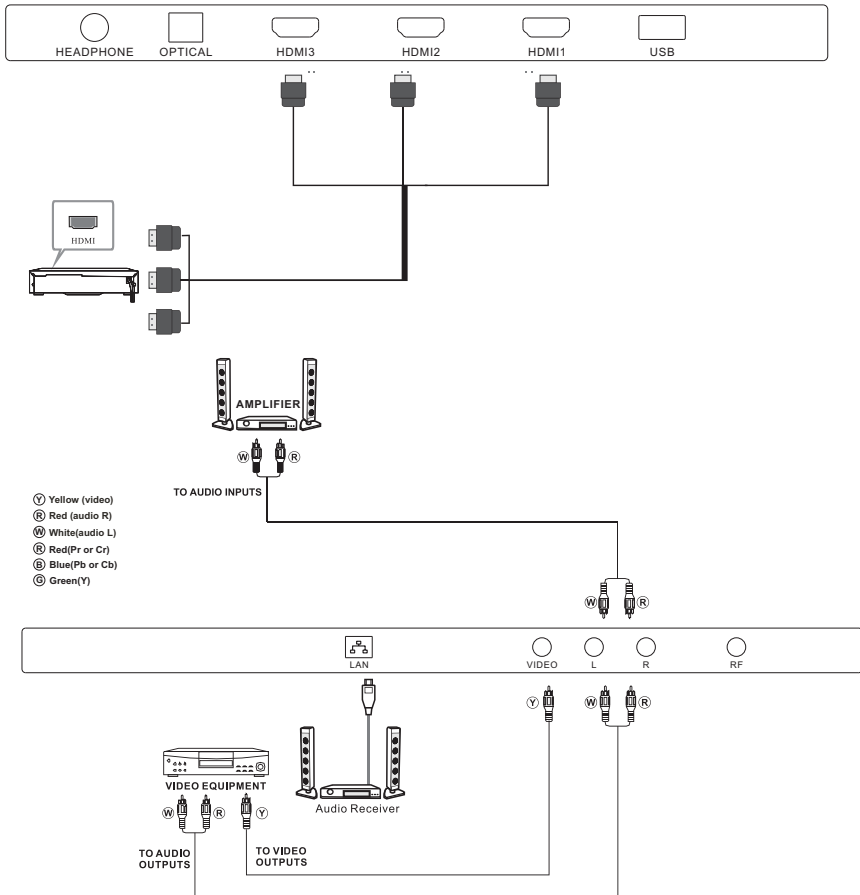


**PRESET MODE (HDMI)**

	RESOLUTION	V.Freq.(Hz)	H.Freq.(KHz)
1	800*600	60	37.88
2	1024*768	60	48.36
3	1360*768	60	47.7
4	1280*768	60	47.3
5	1920*1080	60	67.5
6	3840*2160	30	67.5
7	3840*2160	60	135

AV EQUIPMENT

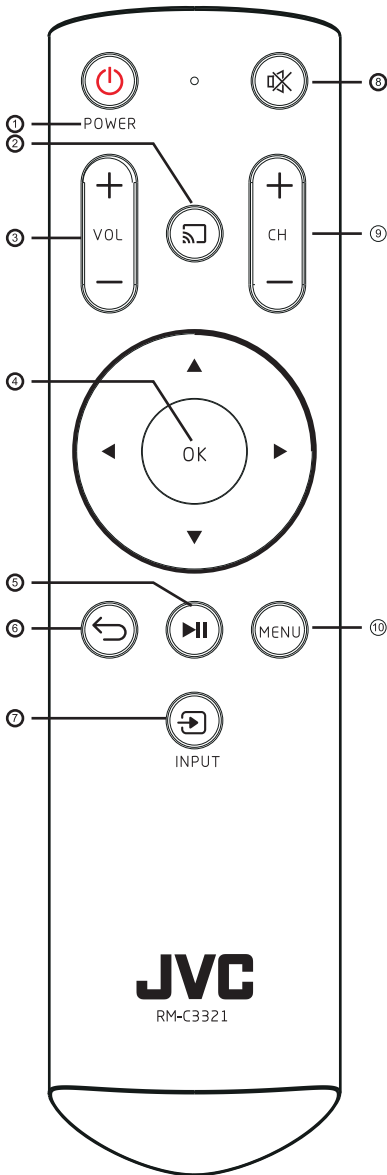
You can use the **rear** input terminals as follows.



The television's inputs can be connected to the following types of equipment: VCR, multi disc player, DVD, camcorder, video game or stereo system, etc.....

YPbPr can support these video formats:480i,576i,480p,576p,720p,1080i, 1080p.

**REMOTE CONTROL**



**Button Press to...**

1. (power) Turn your TV on or off (standby mode). When your TV is off the power indicator lights red. Warning: When your TV is off, power still flows through it. To disconnect power, unplug the power cord.
2. Switch to Chromecast built-in.
3. VOL +/- To adjust sound level.
4. OK Confirm selections or changes in TV menus.
5. (play/pause) Start or stop playback.
6. (back) Return to the previous level or channel.
7. (INPUT) Open the Input Selection list. Press INPUT one or more times or press S or T to select the video input source, then press OK. See Selecting the video input source .
8. (MUTE) To disable or enable the sound output
9. MENU Open the on-screen menu..

**Turning on your TV for the first time**

The first time you turn on your TV, the initial setup wizard opens. The wizard guides you through setting up your TV

including the Chromecast built-in setup, menu language, time zone, TV signal source, and the channel list.

If you are using an Android mobile device, go to Using an Android mobile device.

If you are using an iOS (Apple) mobile device, go to Using an iOS (Apple) mobile device.

**Using an Android mobile device**

1. Make sure that you:

- Turn off the smart network switch option (if your device has this option). On your phone, go to the Wi-Fi menu in the settings app.

- Connect the correct device to watch standard broadcast TV channels using a cable box, satellite box, or external antenna.

- Know the Wifi network name and password if you are using a wireless network to set up your TV.

**Note**

1. If you want to use a wired connection instead of Wifi to set up your TV, connect your TV to an Internet router using the LAN jack.

With a wired connection, you cannot connect to Chromecast built-in with an LTE or 3G network.

2. Press (power) to turn on your TV. The Set me up screen opens.



3. Type google.com/cast/setup in the search bar of your device's browser.

4. Tap GET IT ON Google Play.



5. Tap INSTALL. The app installs.

6. Tap OPEN.

7. Tap ACCEPT to agree to the Terms of Service and Privacy Policy.

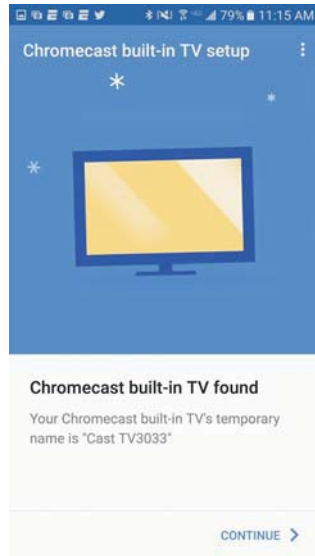
**Note**

If you have not turned on Wi-Fi on your device, a message tells you to turn on Wi-Fi.

8. Tap TURN ON LOCATION.

9. Tap ALLOW. Your mobile device searches for Cast TVs in range.

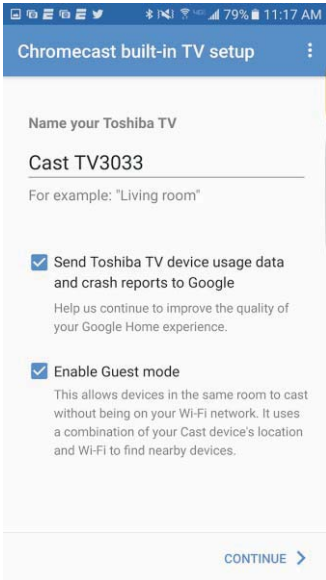
10. Tap CONTINUE after your device finds your Cast TV.



11. Make sure that the codes on your device and TV match, then on your mobile device, tap I SEE THE CODE.



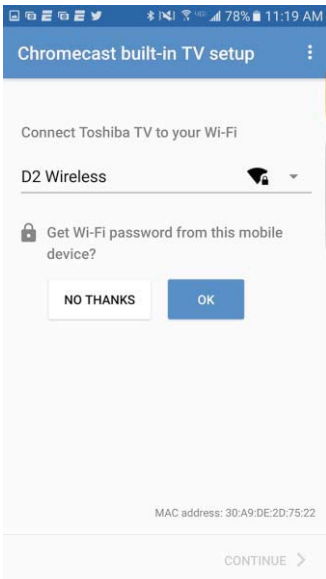
12. Optional: To change the name of your TV to something distinct, delete the current name, type in a new one, then tap CONTINUE.



13. Choose your Wifi network, enter the Wifi password (if necessary), then tap CONTINUE. Your TV connects to the network and is ready to cast.

**Note**

If your TV receives an update, wait for the update to finish.

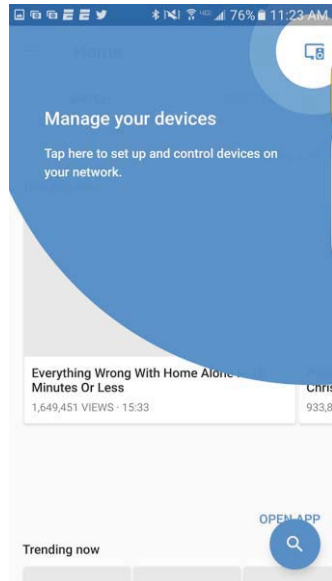


14. Sign in to your Google account to personalize your casting experience. Tap LEAVE SETUP to start casting right away.

15. Tap the slider to turn email notifications on or off, then tap CONTINUE.

16. Tap LEARN HOW TO CAST to go through a tutorial. Tap SKIP to skip the tutorial.

17. Tap (Manage your devices) to set up, manage, and control the devices on your network.



After setting up Chromecast built-in, your TV's menu language, time zone, and daylight savings time settings should be set automatically to match the settings on your mobile device. If the settings are not correct or you want to change the settings, see:  
 Setting the time zone and Daylight Saving Time status.  
 Selecting the menu language .  
 If you connected cable TV without a box or an external antenna to the ANT / CABLE IN jack, set up the ANT / CABLE IN jack and scan for channels. See:  
 Setting up the ANT / CABLE IN jack  
 Automatically scanning for channels .

**Using an iOS (Apple) mobile device**

1. Make sure that you:  
Turn off the smart network switch option (called Wi-Fi Assist) under Settings > Cellular.  
Install the remote control batteries and connect the power cord.  
Connect the correct device to watch standard broadcast TV channels using a cable box, satellite box, or external antenna.  
Know the Wifi network name and password if you are using a wireless network to set up your TV.  
Connect the correct device to watch standard broadcast TV channels using a cable box, satellite box, or external antenna.  
Know the Wi-Fi network name and password if you are using a wireless network to set up your TV.

**Note**

1. If you want to use a wired connection instead of Wifi to set up your TV, connect your TV to an Internet router using the LAN jack. For more information, see Connecting a network router .  
With a wired connection, you cannot connect to Chromecast built-in with an LTE or 3G network.
2. Turn on Wifi on your mobile device and connect it to your home Wifi network.
3. Turn on Bluetooth on your mobile device.
4. Press (power) to turn on your TV. The Set me up screen opens.



5. Type [google.com/cast/setup](https://www.google.com/cast/) in the search bar of your device's browser.
6. Tap Download on the App Store.



**Chromecast built-in**

Welcome! To set up, get the Google Home app.

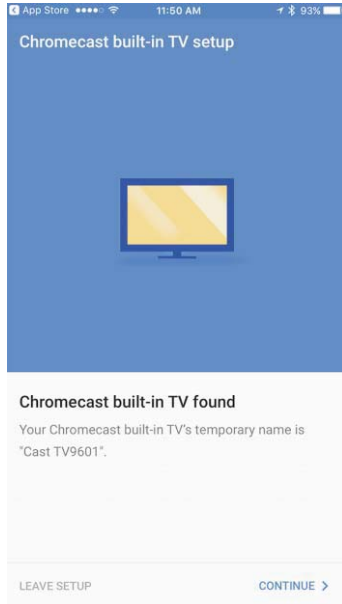
Tap the button below to download the Google Home app on the App Store



Available for iOS 8 or later.



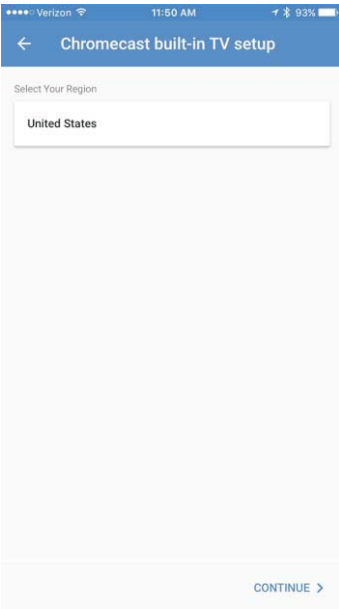
7. Tap GET.
  8. Tap OPEN.
  9. Tap ACCEPT to agree to the Terms of Service and Privacy Policy. Your mobile device searches for Cast TVs in range.
- Note**  
If you have not turned on Wi-Fi on your device, a message tells you to turn on Wi-Fi.
10. Tap CONTINUE after your device finds your Cast TV.



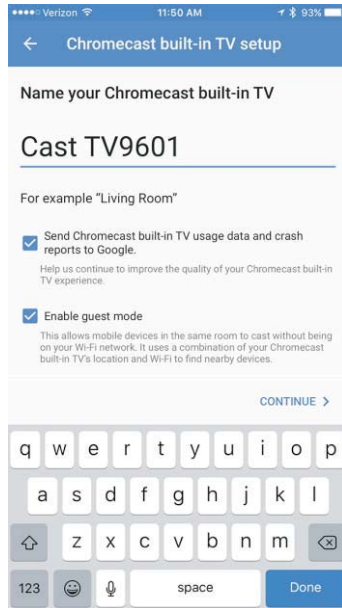
11. Make sure that the codes on your device and TV match, then on your mobile device, tap I SEE THE CODE



12. Select your region, then tap CONTINUE.



13. Optional: To change the name of your TV to something distinct, delete the current name, type in a new one, then tap CONTINUE.

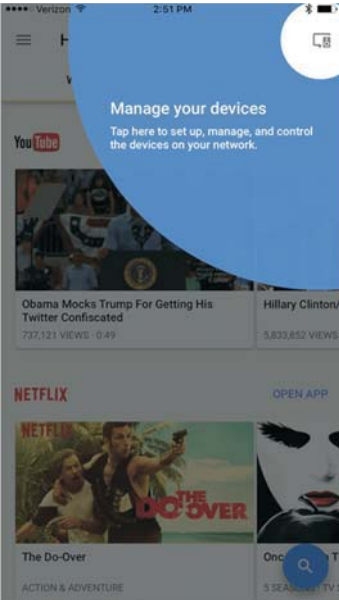


14. Choose your Wifi network, enter the Wifi password (if necessary), then tap CONTINUE. Your TV connects to the network and is ready to cast.

**Note**  
If your TV receives an update, wait for the update to finish.



15. Sign in to your Google account to personalize your casting experience.
- OR Tap LEAVE SETUP to start casting right away.
16. Tap the slider to turn email notifications on or off, then tap CONTINUE.
17. Tap LEARN HOW TO CAST to go through a tutorial. OR Tap SKIP to skip the tutorial.
18. Tap (Manage your devices) to set up, manage, and control the devices on your network.



After setting up Chromecast built-in, your TV's menu language, time zone, and daylight savings time settings should be set automatically to match the settings on your mobile device. If the settings are not correct or you want to change the settings, see:

- Setting the time zone and Daylight Saving Time status .
- Selecting the menu language.

If you connected cable TV without a box or an external antenna to the ANT / CABLE IN jack, set up the ANT / CABLE IN jack and scan for channels. See: Setting up the ANT / CABLE IN jack Automatically scanning for channels.

**Casting a video, movie, or TV show**

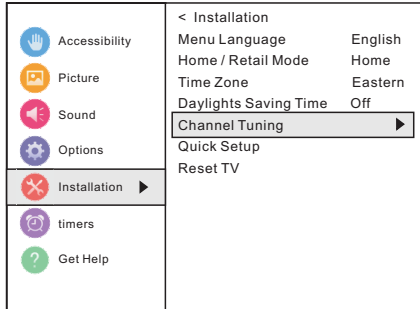
After you set up Chromecast built-in on your TV and mobile device, you are ready to cast videos, movies and TV shows.

1. On your mobile device, make sure that Wifi is turned on.
2. Open a Chromecast-enabled app.
3. Tap the video, movie, or TV program you want to cast, then tap
4. Tap the device you want to cast to.
5. To stop casting, tap

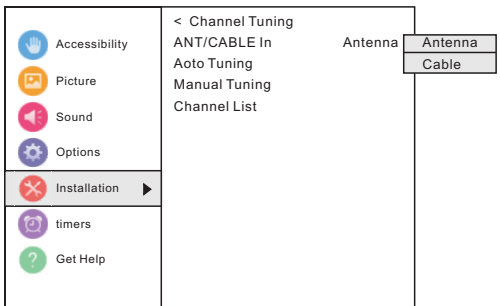
**Setting up the ANT / CABLE IN jack**

If you connect an antenna or cable TV without a box to the ANT / CABLE IN jack, you need to set up the jack so your TV correctly displays channels.

1. Press MENU, press S or T to highlight Installation, then press OK.



2. Highlight Channel Tuning, then press OK.



3. Highlight ANT/CABLE In, then press OK.

4. Highlight your TV input source, then press OK. Select:
  - Antenna if you connected an antenna to the ANT / CABLE IN jack
  - Cable if you connected cable TV without a box to the ANT / CABLE IN jack
5. Press EXIT to close the menu.

**Understanding the basics**

This section covers basic information for:

- Turning your TV on or off
- Selecting the video input source
- On-screen menu overview
- Navigating the menus
- Adjusting the volume
- Selecting a channel
- Viewing channel information



**Turning your TV on or off**

1. Make sure that the power cord is connected securely and correctly. For more information, see Connecting power .
2. Press (power) to turn on your TV. The power indicator turns off.
3. Press (power) to turn off your TV. Your TV enters standby mode, and the power indicator turns red.

**Warning**

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

**Note**

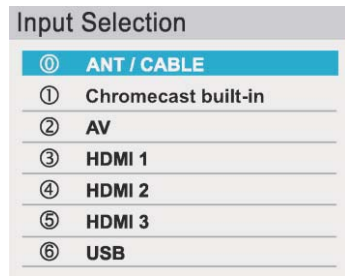
If your TV does not receive an input signal for 15 minutes, it automatically goes into standby mode.

**Last Mode Memory**

If power is interrupted while you are viewing TV, the Last Mode Memory feature automatically turns on your TV when the power is restored.

**Selecting the video input source**

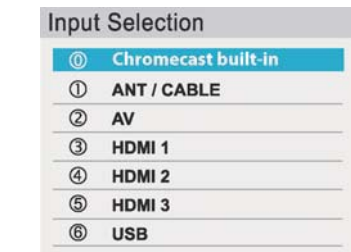
1. Press "INPUT" The Input Selection list opens.



2. Do one of the following:
  - Press INPUT one or more times until the video input you want is selected.
  - Press S or T to highlight the video input you want, then press OK.

**NOTE**

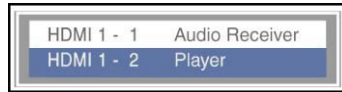
If you have not scanned for channels, Google Chromecast appears at the top of the Input Selection list.



3. Press "EXIT" to close the menu.

**Notes**

- If a CEC-compatible device is connected to an HDMI jack, the HDMI@ CEC icon appears in the list.
- If a connected CEC-compatible device has CEC-compatible devices connected to it, a separate device selection pop-up window appears. For example, the pop-up window for a CEC-compatible DVD player with a CEC-compatible audio receiver connected might appear as follows:



- If you press INPUT to select a CEC-compatible device from the pop-up window, the device may turn on.

You can also change the video input source using the virtual remote control. On the D-Pad page, tap (input source), then use the arrows to select the video input source. See D-Pad .

**On-screen menu overview**

**Notes**

- Depending on the signal source selected, you may see different options on your screen.
- Menu items that are not selectable are grayed out.

**Adjusting the picture**

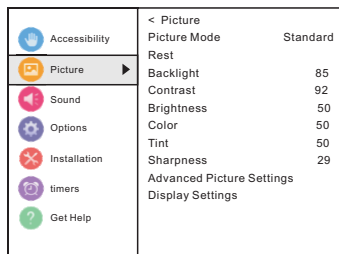
This section covers:

- Adjusting the TV picture
- Adjusting the picture size
- Scrolling the TheaterWide™ picture
- Automatically adjusting the aspect ratio
- Using the 4:3 Stretch

**Adjusting the TV picture**

You can adjust various settings to improve the quality of the TV picture. Also, you can reset all picture settings to the factory default.

1. Press MENU, press S or T to highlight Picture, then press OK.










2. Highlight an option, then press OK. You can select:
3. Press W X S or T to adjust the option or select a setting, then press OK.
4. Press EXIT to close the menu.

## Adjusting the sound

This section covers:  
Adjusting sound settings  
Playing TV audio only

### Adjusting sound settings

You can adjust sound settings to improve the sound quality.

 Accessibility  Picture  Sound  Options  Installation  Timers  Get Help	< Sound	
	Sound Mode	Standard
	Rest	
	Balance	0
	Bass	0
	Treble	0
	Advanced Sound Settings	
	TV Speakers	Auto
	MTS	Stereo
	Digital Audio Selection	
Primary Audio Language	English	
Digital Audio Output		

1. Press MENU, press S or T to highlight Sound, then press OK.
2. Press W X S or T to adjust the option or select a setting, then press OK.
3. Press EXIT to close the menu.

### Adjusting the volume

Press VOL+ or VOL- to increase or decrease the volume.

Press MUTE to mute the sound. Press MUTE again to turn the sound back on.

#### Note

If you adjust a setting on the Sound menu while the mute is active, the mute feature is cancelled.

### Selecting a channel

Press CH+ or CH- to go to the next or previous channel on the memorized channel list.

To select a channel from the Channel List, press MENU, select Installation > Channel Tuning > Channel List. Press CH+ or CH- to go to the next or previous channel on the memorized channel list.

To select a digital sub-channel, press the CH+ or CH- button to select the sub-channel or select the sub-channel from the channel list.

#### Note

Button presses must be within two seconds of each other. You can also use the virtual remote control to select a sub-channel. On the Number page, tap the main channel number, the dash, the sub-channel number, then tap OK. See Number page on page 18.

On the virtual remote control on your mobile device, tap the number buttons to enter the channel number you want, then tap OK to immediately change the channel. See Number Press(back) to go to the last viewed channel.

### Viewing channel information

Press INFO. The following status information is displayed:

- Current video input (for example ANT/CABLE or AV)
  - If ANT/CABLE is the current video input, either CABLE (for cable TV) or ANT (for over-the-air broadcasts)
  - If ANT/CABLE is the current video input, channel number
- Digital signal strength indicator
  - If the audio mode is analog, Stereo, Mono, or SAP analog audio status
- If the input mode is HDMI@, Dolby@ Digital, or PCM
  - Video resolution
- Aspect ratio of incoming video signal (4:3 or 16:9)
- TV program or movie rating
- GameTimer (if set)

Pressing INFO also displays the following status information for digital channels:

- Title
- Duration
- Detailed program description

#### Note

If you pressed INFO, press INFO again to close the banner.

### Controlling CEC-compatible devices

This section covers:

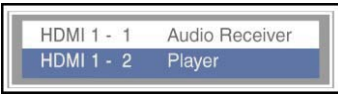
- Turning HDMI-CEC Control on or off
- Turning TV Auto Power on or off
- Turning Auto Standby on or off
- Turning Amplifier Control on or off
- Selecting the audio output
- Using the TV remote to control CEC-compatible devices
- Using the TV menu to control CEC-compatible devices
- Selecting the HDMI Input mode
- HDMI CEC Control lets you control HDMI CEC-compatible devices connected to the HDMI jacks on your TV using the remote control that came with your TV. To use HDMI CEC Control, you must set the Enable HDMI CEC Control setting on the HDMI CEC Control Setup menu to On.

#### Notes

- HDMI cables must be used to connect HDMI CEC-compatible devices to your TV.
- The connected device's HDMI CEC feature must be turned on.
- If you connect an HDMI device that is not HDMI CEC-compatible, none of the HDMI CEC Control features work.
- Depending on the connected HDMI device, some HDMI CEC Control features may not work.

**Note**

When you press INPUT, the Input Selection list opens. If you select a CEC-compatible video device connected to an HDMI jack and that device is connected to a CEC-compatible audio device, a second selection list opens that shows both devices. For example, if you connect a CEC-compatible Blu-ray player to an HDMI jack and the Blu-ray player is connected to a CEC-compatible soundbar, the second input selection list might appear as follows:



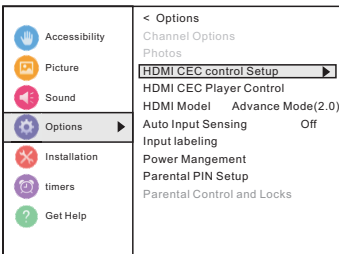
See Selecting the video input source.

**Turning HDMI-CEC Control on or off**

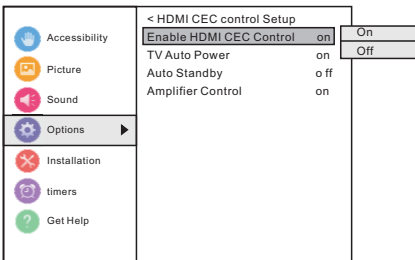
**Note**

If Enable HDMI CEC Control is set to Off, the other options on the menu are grayed and cannot be used.

1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight HDMI CEC Control Setup, then press OK.

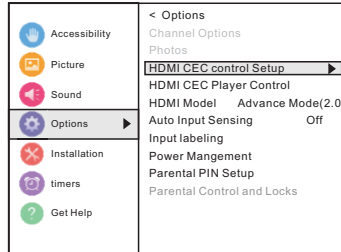


3. Highlight Enable HDMI CEC Control, then press OK.
4. Highlight On or Off, then press OK.
5. Press EXIT to close the menu.

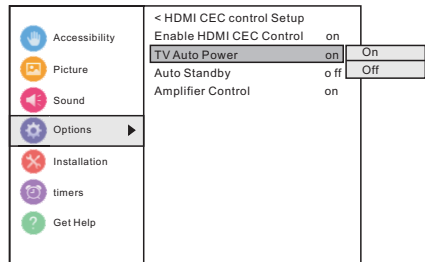
**Turning TV Auto Power on or off**

TV Auto Power automatically turns on your TV when an HDMI CEC device is turned on, if the device has this feature.

1. Press MENU, press S or T to highlight Options, then press OK.



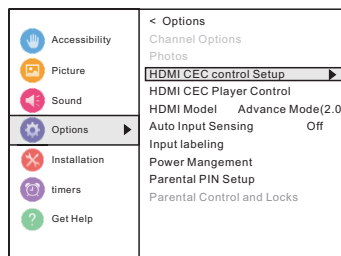
2. Highlight HDMI CEC Control Setup, then press OK.
3. Make sure that Enable HDMI CEC Control is set to On.



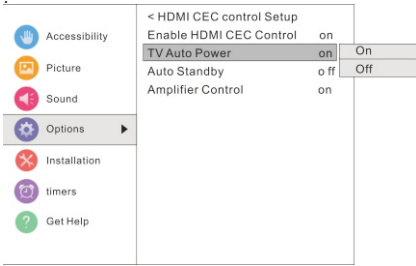
4. Highlight TV Auto Power, then press OK.
5. Highlight On or Off, then press OK.
6. Press EXIT to close the menu.

**Turning Auto Standby on or off**

Auto Standby automatically turns off HDMI CEC



- devices when you turn off your TV.
1. Press MENU, press S or T to highlight Options, then press OK.
  2. Highlight HDMI CEC Control Setup, then press OK.
  3. Make sure that Enable HDMI CEC Control is set to On.

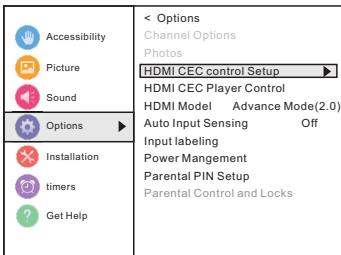


4. Highlight Auto Standby, then press OK.
5. Highlight On or Off, then press OK.
6. Press EXIT to close the menu.

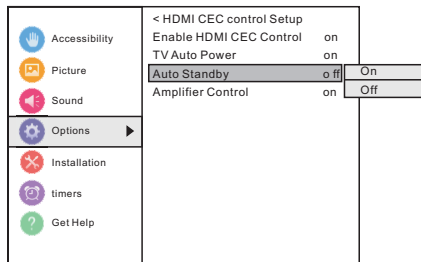
**Turning Amplifier Control on or off**

Amplifier Control lets you use your TV's remote control to control the volume and mute the sound on an audio receiver.

1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight HDMI CEC Control Setup, then press OK.
3. Make sure that Enable HDMI CEC Control is set to On.

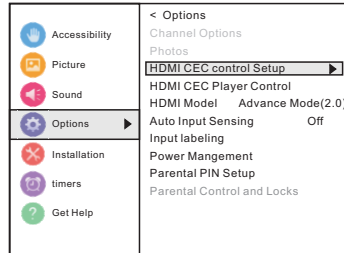


4. Highlight Amplifier Control, then press OK.
5. Highlight On or Off, then press OK.
6. Press EXIT to close the menu.

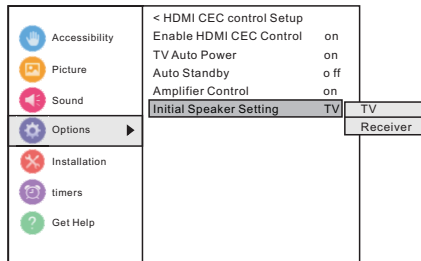
**Selecting the audio output**

Initial Speaker Setting lets you select whether your TV's remote control controls the TV speakers or a connected audio receiver.

1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight HDMI CEC Control Setup, then press OK.
3. Make sure that Enable HDMI CEC Control is set to On.



4. Highlight Initial Speaker Setting, then press OK.
5. Highlight TV or Receiver, then press OK.
6. Press EXIT to close the menu.

**Using the TV remote to control CEC-compatible devices**

When Enable HDMI CEC Control on the HDMI CEC Control Setup menu is set to On, you can use the remote control that came with your TV to control a CEC-compatible device (such as a DVD or Blu-ray player).

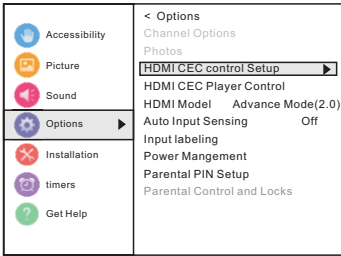
**Using the TV menu to control CEC-compatible devices**

When Enable HDMI CEC Control on the HDMI CEC Control Setup menu is set to On, you can use the TV menu to turn on a CEC-compatible device (such as a DVD or Blu-ray player) and access features on the device.

**Notes**

- These functions depend on the devices connected. The HDMI CEC Player Control option is grayed if:
- A non-HDMI input is currently selected.
  - The Enable HDMI CEC Control option is set to Off.

1. Make sure that Enable HDMI CEC Control is set to On. See Turning HDMI-CEC Control on or off .
2. Press MENU, press S or T to highlight Options, then press OK.



3. Highlight HDMI CEC Player Control, then press OK.



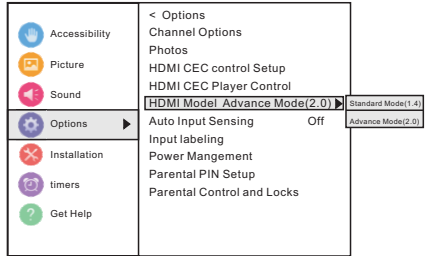
4. Highlight an option, then press OK. You can select:
  - Power—Turns the selected device on or off.
  - Root Menu—Accesses the root menu of the selected device.
  - Contents Menu—Accesses the contents list of the device. When you press OK, the HDMI CEC Player Control menu closes.
  - Setup Menu—Accesses the setup menu of a selected device.
  - Top Menu—Accesses the top menu of a selected device.
  - Menu—Accesses the menu of a selected device.
5. Press EXIT to close the menu.

**Selecting the HDMI Input mode**

The HDMI jacks on your TV are Ultra HD (UHD) jacks. Depending on the UHD device you connect to the HDMI jack or the streaming content you watch, you may need to adjust the timing.

Standard Mode: (1.4)	YCbCr 422/444 (supports timing limit on 3840x2160@30Hz)
Advance Mode: (2.0)	YcbCr 420 (supports timing up to 3840x2160@60Hz)

1. Make sure that Enable HDMI CEC Control is set to On. See Turning HDMI-CEC Control on or off .
2. Press MENU, press S or T to highlight Options, then press OK.



3. Highlight HDMI Input Mode, then press OK.
4. Highlight Mode 1 or Mode 2, then press OK.

**Using the Media Player**

You can connect a USB flash drive to your TV to view photos stored on the flash drive. This section includes topics about:

- Supported photo file formats
- Opening the Photos viewer
- Viewing photos
- Viewing photos in a slideshow

**Supported photo file formats**

Your TV supports the following photo file formats:

- Data type: JPEG EXIF ver 2.1
- File format: JPEG
- Maximum photo size: 6 MB
- Maximum number of files: 500/folder
- Maximum photo resolution: 4096 × 4096 pixels

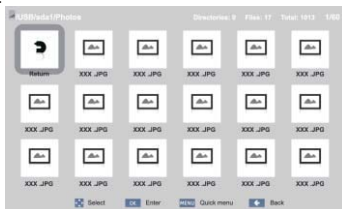
**Notes**

Connectivity is not guaranteed for all devices. Connect the USB flash drive to the TV directly. Do not use a USB Hub. You must obtain any required permission from copyright owners to use copyright content. Depending on the file size and amount stored on the USB flash drive, it may take some time to load before content is viewable. Only limited types of U3 USB devices are supported. We recommend that you not use U3 USB with the Media Player. Non-supported characters are replaced with squares.

You can also select USB from the Input Selection list to open the Photos viewer. For more information, see Selecting the video input source .

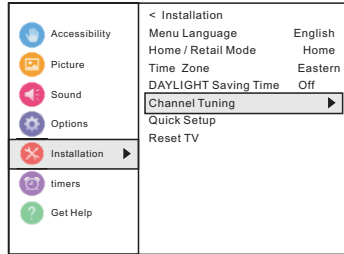
**Viewing photos**

When you connect a USB flash drive that has photos on it and open the Media Player, a thumbnail index screen opens that shows the files and folders on the flash drive.



**To navigate the thumbnail index screen:**

- Press S T W or X to highlight a folder or photo, then press OK.
- Press S T W or X to highlight a folder or photo, then press OK.
- If you select a folder and press OK, the folder opens and displays thumbnails of the photos in the folder. Press to return to the previous thumbnail screen or folder.
- If you select a photo and press OK, the photo is displayed full-screen.
- If all the photos do not fit on one screen:
- Highlight the top left thumbnail, then press W to move to the previous screen.
- Highlight the bottom right thumbnail, then press X to move to the next screen.



3. Highlight Channel Tuning, then press OK.

**To navigate on a full-screen photo:**

- Press W or X to view the previous or next photo.
- Press S to rotate the photo 90° counter-clockwise or press T to rotate the photo 90° clockwise.
- Press EXIT to close the Media Player. In the message that appears, use W or X to select Yes, then press OK.

3. Press W X S or T to adjust the option or select a setting, then press OK.
4. Press EXIT to close the menu.

**Changing channel settings**

- This section covers:
- Automatically scanning for channels
- Manually adding channels to the channel list
- Hiding channels

**Automatically scanning for channels**

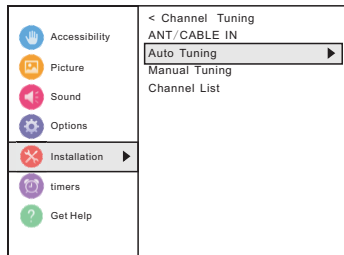
When you scan for channels, your TV searches for channels with signals and stores the channel information in the channel list. When you press CH+ or CH-, your TV goes to the next or previous channel in the channel list. The channel scan may take several minutes.

**Note**

When you scan for channels, your TV erases any channels already stored in the channel list. If a channel is not stored in the channel list, you can:

- Use the number buttons on the virtual remote control to enter the channel number. See Number page on page 18.
- Manually add the channel to the channel list if the channel has a good signal strength. See Manually adding channels to the channel list .

1. Make sure that you have set up the ANT / CABLE IN jack before programming channels. See Setting up the ANT / CABLE IN jack on page 50.
2. Press MENU, press S or T to highlight Installation, then press OK.



4. Highlight Auto Tuning, then press OK. Press OK again to start the scan. Your TV scans for available channels. The scan may take several minutes.

**Notes**

If you created a 4-digit PIN, enter your PIN to start scanning. For more information, see Setting a new PIN on page 69.

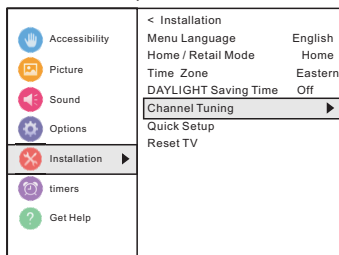
You can press EXIT to stop the auto channel search, but you will need to run the auto channel search again to create a channel list.

5. When the scan is complete, press EXIT to close the menu. Your TV tunes to the first scanned channel.

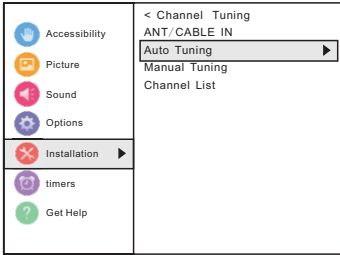
**Manually adding channels to the channel list**

Channels with weak signals may not be added to the channel list when you scan for channels. You can manually add a channel to the channel list if you know the channel number and the channel has a good signal strength. (Use the number buttons on virtual remote control to enter the channel number.)

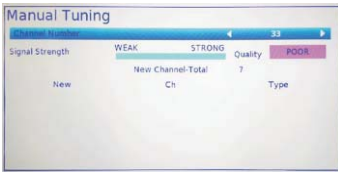
1. Press MENU, press S or T to highlight Installation, then press OK.



2. Highlight Channel Tuning, then press OK.



3. Highlight Manual Tuning, then press OK.

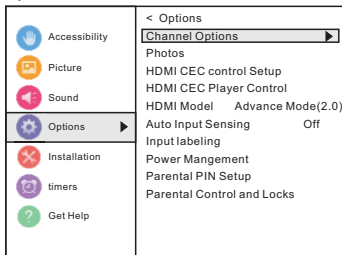


4. Use the number buttons on the virtual remote control to enter the channel number, then press OK. See Channel and Long Press page.  
OR  
Press W or X to select previous or next channel, then press OK.
5. Press OK to start manual tuning.
6. Press EXIT to close the menu.

### Hiding channels

You can hide channels in the channel list. When you press CH+ or CH-, your TV skips the hidden channels. You can still tune to a hidden channel by pressing the number buttons on the virtual remote control. See Virtual Remote control on page 17.

1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight Channel Options, then press OK.

Channel Options			
Ch.	Type		
1	ATV	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	ATV	<input type="checkbox"/>	<input type="checkbox"/>
6	ATV	<input type="checkbox"/>	<input type="checkbox"/>
7	ATV	<input type="checkbox"/>	<input type="checkbox"/>
50	ATV	<input type="checkbox"/>	<input type="checkbox"/>
54	ATV	<input type="checkbox"/>	<input type="checkbox"/>
56	ATV	<input type="checkbox"/>	<input type="checkbox"/>
66	ATV	<input type="checkbox"/>	<input type="checkbox"/>

3. Highlight a channel you want to hide, then press OK. A check appears in the box next to the channel.

### Notes

Channels labeled ATV are analog channels.

Channels labeled DTV are digital channels.

To un-hide a channel, highlight the channel, then press OK to remove the check.

You can also lock specific channels so that they cannot be tuned until you unlock them. See Locking channels .

4. Press EXIT to close the menu.

### Setting parental controls

Parental controls let you prevent your children from watching inappropriate material on TV. When set, parental controls read the rating of the program (with some exceptions, such as news and sports) and deny access to programs that exceed the ratings level you select.

Parental controls let you:

Set ratings for TV programs and movies so you can prevent your children from watching inappropriate material on TV

Lock video input sources

Set a timer to limit how long you can play a game

### Note

To watch blocked programs, you must enter a PIN.

Parental control topics include:

Setting a new PIN

Changing or deleting the PIN

Blocking TV programs and movies (for USA region)

Downloading rating information (for USA region)

Temporarily unlocking programs

Locking video inputs

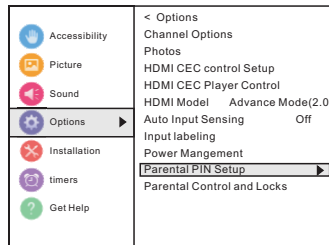
Locking channels

Setting the GameTimer™

### Setting a new PIN

A PIN is necessary for some menus. The Parental Control and Locks menu is grayed out if no PIN has been set.

1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight Parental PIN Setup, then press OK.



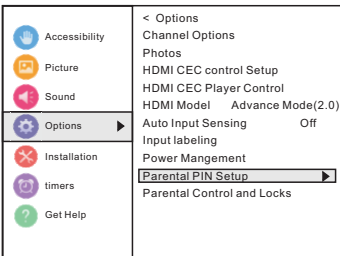
3. Press W or X on the number bar at the bottom of the screen to select a number, then press OK. Repeat this step to enter the other three numbers in your PIN.  
After you enter the fourth number, a confirmation screen opens.
4. Enter your PIN again to confirm, then press OK. The Parental PIN Setup menu opens.
5. Press EXIT to close the menu.

**Note**

If you forget your PIN, open the screen where you enter your PIN, highlight Done, then press INFO four times within five seconds. The PIN is cleared and you can enter a new PIN.

**Changing or deleting the PIN**

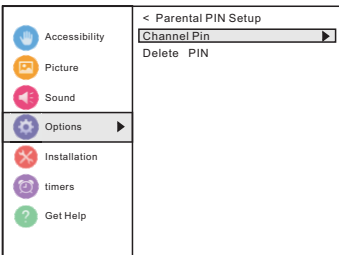
1. Press MENU, press S or T to highlight Options, then press OK.



2. Highlight Parental PIN Setup. then press OK.



3. Press W or X on the number bar at the bottom of the screen to select the first number of your PIN, then press OK. Repeat this step to enter the other three numbers in your PIN.



4. Highlight Change PIN or Delete PIN, then press OK.

5. If you select Change PIN, enter your new PIN, then enter it again.  
OR  
If you select Delete PIN, press W or X to select Yes, then press OK.
6. Press EXIT to close the menu.













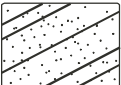


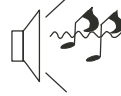
**Blocking TV programs and movies (for USA region)**

Some TV programs and movies include ratings that classify the content of the program as unsuitable for younger viewers. Your TV detects the ratings and blocks the programs and movies according to the ratings you select.

**Notes**

You must create a PIN before you can block TV programs and movies. See Setting a new PIN . To view a program or movie rating, tune to the program or movie, then press INFO.



Trouble phenomenon Symptom		Inspection Check
Picture	Audio	
 Snow	 Noise	antenna position, direction or connection
 Ghost	 Normal audio	antenna position, direction or connection
 Interference	 Noise	electronic equipment, car/ motorcycle, fluorescent light
 Normal Picture	 Mute	Volume (check if mute is activated or if the audio system connections are not correct)
 No picture	 Mute	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
 No colour	 Normal audio	Colour control
 Picture breaking up	 Normal audio or weak	retune channel
 No colour	 Noise	TV system

The LED TV panel is built with very high precision technology giving you fine picture details in vibrant color. Occasionally, a few non-active pixels may appear on the screen as a fixed point of red, green, blue, black or white. Please note this does not affect the performance of the product.

# Legal notices

## FCC Statement

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.

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 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

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

## Cables

Connections to this device must be made with shielded cables with metallic RF/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

## Canadian Notice


Analog and Digital Television Receiving Apparatus  
- Appareil de réception de télévision analogique et numérique, Canada BETS-7 / NTMR-7.


## IC Statement

This device complies with Industry Canada licence—exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.


This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

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 **HDMI**<sup>™</sup>  
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