

User Guide



32" LCD TV, 720p

NS-32L430A11



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CHILD SAFETY

It makes a difference how and where you use your flat panel display

As you enjoy your new product, keep these safety tips in mind

The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune into safety

- One size of TV stand does **not** fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a crate or chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.



Wall mounting

If you decide to wall mount your TV, always remember:

- One size of wall mount does **not** fit all. Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.
- TVs can be heavy. At least two people are required for safe wall mount installation.



Important safety instructions



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV.

- 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 a dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.  S3125A
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- 15 The *wall plug* is the disconnecting device. The plug must remain readily operable.
- 16 An apparatus with three-prong, grounding-type plug is a Class I apparatus. Class I apparatus which needs to be grounded to prevent possible electric shock. Make sure that you connect the Class I apparatus to a grounding-type, three-prong outlet.
- 17 Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
- 18 The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

Warnings

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

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 into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

Power source

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

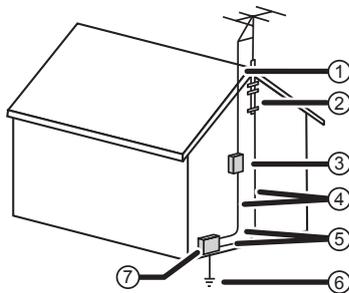
Cautions

Damage requiring service

- Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:
- When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled or objects have fallen into your TV.
 - If your TV has been exposed to rain or water.
 - If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
 - If your TV has been dropped or damaged in any way.
 - When your TV exhibits a distinct change in performance.

Outdoor antenna grounding

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



- ① Antenna lead-in wire
- ② Grounding clamp
- ③ Antenna discharge unit
- ④ Grounding conductors
- ⑤ Ground clamps
- ⑥ Power service grounding electrode system
- ⑦ Electric service equipment

Note to CATV system installer

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

Condensation

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

Mobile telephone warning

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

End of life directives

Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

Insignia 32" LCD TV 720p

Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-32L430A11 represents the state of the art in LCD TV design and is designed for reliable and trouble-free performance.

Install the stand or wall-mount bracket

To set your TV on a cabinet or other flat surface, you must install the stand. To mount your TV on a wall or other vertical surface, you must remove the stand.

Warning

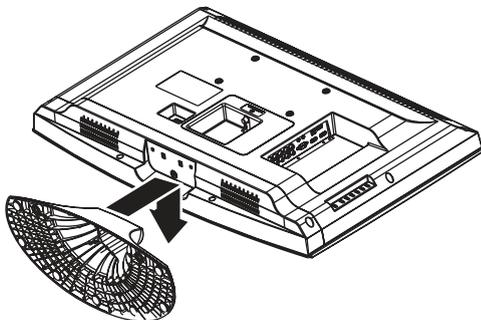
Before attempting assembly or removal of the stand, unplug the AC power cord.

Cautions

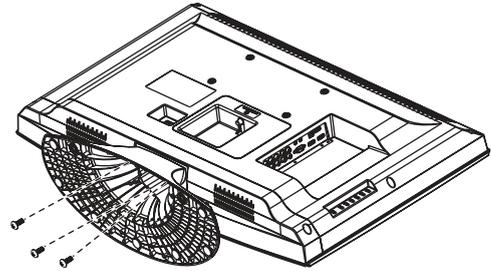
- Read these instructions carefully before you try to install the stand or a wall-mount bracket.
- If you are not sure you can install the stand or wall-mount bracket, consult a professional installer or service personnel. Your warranty does not cover damages or injuries that happen due to mishandling or incorrect assembly.
- When installing the stand or wall-mount bracket, make sure that you place your TV on a soft cushion or covering to prevent scratching or damage to your TV's finish or screen.

To install the stand:

- 1 Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
- 2 Align the bracket on the stand with the slot on the base of your TV, then carefully push the bracket into the slot.



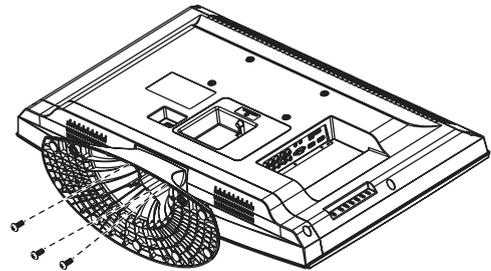
- 3 Secure the stand with the three M4 x L14 mm screws (included).



- 4 Set your TV upright on a stable surface.

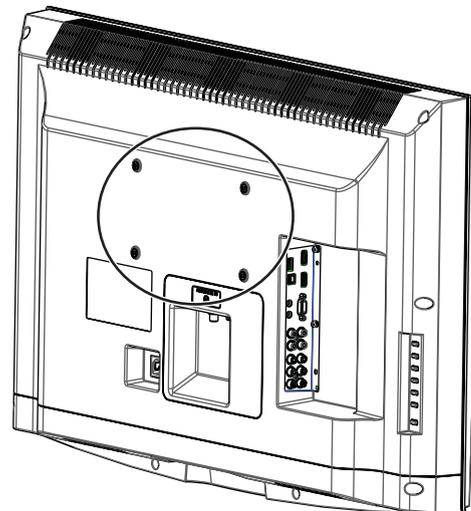
To install a wall-mount bracket:

- 1 Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
- 2 Carefully remove the three screws that secure the stand to the TV, then remove the stand.



- 3 Secure the wall mount bracket to the back of your TV using the four M4 screws provided with the bracket. Screw length should not be over 11 mm.

Vertical bracket measurement: 3.94" (100 mm)
Horizontal bracket measurement: 7.87" (200 mm)

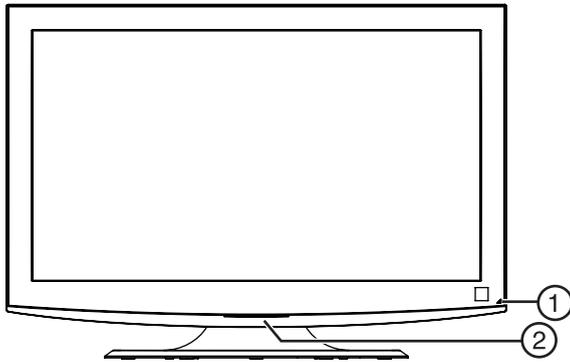


TV components

Accessories

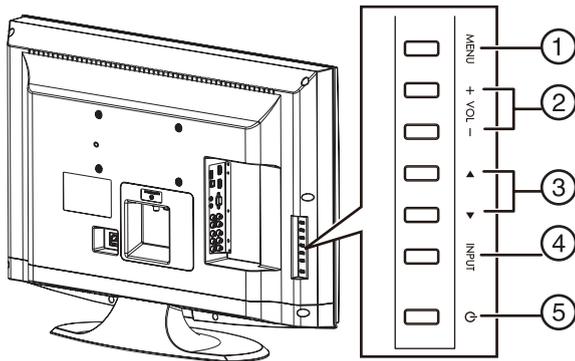
- AC power cord
- TV stand with screws
- Remote control with AA batteries (2)
- Component video cable
- Audio cable
- *Quick Setup Guide*

Front



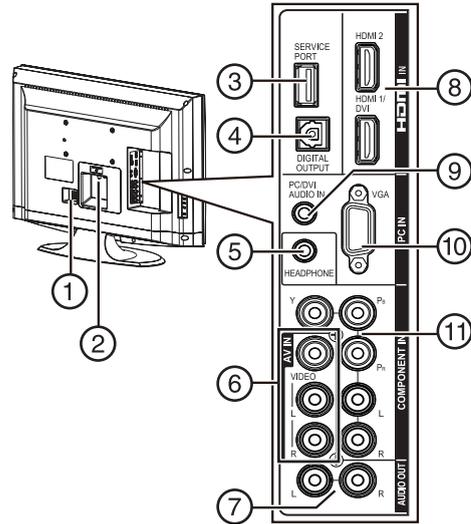
#	Item	Description
①	Remote sensor	Receives signals from the remote control. Do not block.
②	Power indicator	Turns off when your TV is turned on. Light amber when your TV is in standby mode.

Side controls



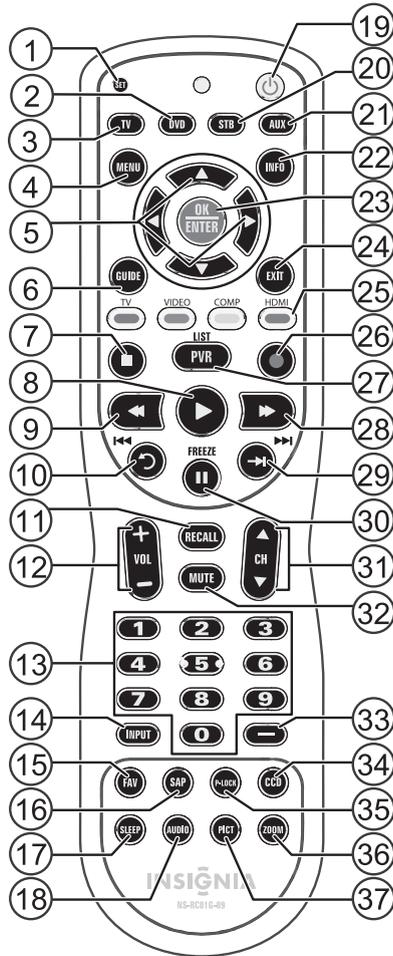
#	Item	Description
①	MENU	Press to open the on-screen menu.
②	VOL+/VOL-	Press to increase or decrease the volume.
③	▲/▼	Press to go to the next or previous channel in the channel list.
④	INPUT	Press to open the <i>Input Source</i> list and select the video input source. For more information, see "Selecting the video input source" on page 18.
⑤	⏻	Press to turn your TV on or off (standby mode). When your TV is in standby mode, power still flows through it. To completely disconnect power, unplug the power cord.

Back



#	Item	Description
①	AC IN	Connect the power cord to this jack. For more information, see "Connecting power" on page 13.
②	ANT/CABLE IN	Connect an antenna, cable TV (no box), or satellite box to this jack. For more information, see "Connecting an antenna or cable TV without a cable box" on page 13.
③	SERVICE PORT	For service only. Do not use.
④	DIGITAL OUTPUT	Connect a digital sound system to this jack. For more information, see "Connecting a digital sound system" on page 16.
⑤	HEADPHONE	Connect headphones to this jack. For more information, see "Connecting headphones" on page 16.
⑥	AV IN VIDEO and L/R audio	Connect a standard, composite video device to these jacks. For more information, see "Connecting a composite video device" on page 15.
⑦	AUDIO OUT L/R	Connect an analog sound system to these jacks. For more information, see "Connecting an analog sound system" on page 17.
⑧	HDMI IN HDMI 1/DVI and HDMI 2	Connect HDMI devices to these jacks. An HDMI cable carries both video and audio. You do not need to make an audio connection for an HDMI device. You can also connect a DVI device to the HDMI 1/DVI jack. For more information, see "Connecting an HDMI or DVI device" on page 14.
⑨	PC/DVI AUDIO IN	Connect the audio for a computer or DVI device to this jack. For more information, see "Connecting a computer" on page 15 or "Connecting an HDMI or DVI device" on page 14.
⑩	PC IN VGA	Connect the video for a computer to this jack. For more information, see "Connecting a computer" on page 15.
⑪	COMPONENT IN Y, Pb, Pr and L/R audio	Connect a component video device to these jacks. For more information, see "Connecting a component video device" on page 14.

Remote control



#	Item	Description
①	SET	Press to program the remote control to control connected devices. For more information, see "Programming your universal Insignia remote control" on page 8.
②	DVD	Press to control a connected DVD player. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
③	TV	Press to control your TV.
④	MENU	Press to open the on-screen menu. In menu mode, press to go to the previous menu.
⑤	◀▶▲▼	Press to navigate through the on-screen menus and adjust settings.
⑥	GUIDE	Press to open the program guide. For more information, see "Displaying additional information" on page 19.
⑦	■ (stop)	Press to stop playback on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
⑧	▶ (play)	Press to start playback on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.

#	Item	Description
⑨	◀◀ (fast reverse)	Press to fast reverse on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
⑩	↺ / ◀◀ (skip back)	Press to skip back to the previous title or track on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
⑪	RECALL	In TV mode, press to go to the previously viewed channel.
⑫	VOL+ / VOL-	Press to increase or decrease the volume.
⑬	Numbers	Press to enter channel numbers and the parental control password. When programming the remote control, press to enter device and programming codes.
⑭	INPUT	Press to open the <i>Input Source</i> list and select a video input source. For more information, see "Selecting the video input source" on page 18.
⑮	FAV	Press to open the <i>Favorites</i> list. For more information, see "Setting up a favorite channel list" on page 25 and "Viewing a favorite channel" on page 26.
⑯	SAP	In digital TV mode, press to select the audio track (language). In analog TV mode, press to select Stereo , Mono , or SAP . For more information, see "Selecting the audio language or sound mode" on page 23.
⑰	SLEEP	Press to set the sleep timer. For more information, see "Setting the sleep timer" on page 34.
⑱	AUDIO	Press to select an audio mode. You can select Standard , Theater , Music , News , or Custom . For more information, see "Adjusting sound settings" on page 23.
⑲	⏻ (power)	Press to turn your TV on or off (standby mode). When your TV is off, power still flows into it. To disconnect power, unplug the power cord.
⑳	STB	Press to control a connected set-top box. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
㉑	AUX	Press to control a connected device. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
㉒	INFO	Press to display TV status information, such as the channel number, channel name (if available), or signal source. For more information, see "Displaying additional information" on page 19.
㉓	OK/ENTER	Press to confirm selections or changes.
㉔	EXIT	Press to close the on-screen menu.
㉕	Video input buttons	TV —Press to select TV as the video source. VIDEO —Press to select the device connected to the AV IN video jack. COMP —Press to select the device connected to the COMPONENT IN video jacks. HDMI —Press once or twice to select the device connected to HDMI 1/DVI or HDMI 2 jack.
㉖	● (record)	Press to start recording on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.

#	Item	Description
27	PVR/LIST	Press to list all the recorded programs in a PVR/STB. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
28	▶▶ (forward)	Press to fast forward on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
29	→ /▶▶ (skip forward)	Press to skip to the next chapter or track on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
30	II/FREEZE	Press to pause playback on DVD, DVR, PVR, or CD devices. You need to program the remote control before this button works. For more information, see "Programming your universal Insignia remote control" on page 8.
31	CH▲/CH▼	Press to go to the next or previous channel in the channel list. For more information, see "Selecting a channel" on page 19.
32	MUTE	Press to mute the sound. Press again to restore the sound.
33	—	Press to enter a digital sub-channel number. For more information, see "Selecting a channel" on page 19.
34	CCD	Press to turn closed captioning on or off. You can select CC Off , CC On , or CC On Mute . For more information, see "Turning closed captioning on or off" on page 31.
35	P-LOCK	If Parental Lock is turned on, when you enter the correct password to unblock the channels, you can press this button to block the channels again.
36	ZOOM	Press to select the aspect ratio. For more information, see "Selecting the aspect ratio" on page 21.
37	PICT	Press to select the video mode. You can select Vivid , Standard , Energy Savings , Theater , Sports , or Custom . For more information, see "Adjusting the TV picture" on page 20.

3 Replace the cover.

Warnings

- Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
- Make sure that batteries are disposed of correctly. Do not burn or incinerate.

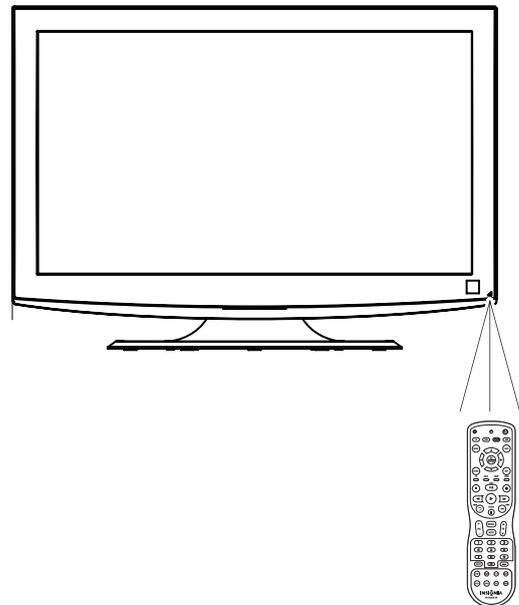
Notes

- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Remove batteries when the charge is depleted.
- If the remote control is not going to be used for an extended period of time, remove the batteries.

Aiming the remote control

To aim the remote control:

- Point the remote control towards the remote sensor on the front of your TV. The remote control should be used within 26 feet (7.9 m) of your TV.

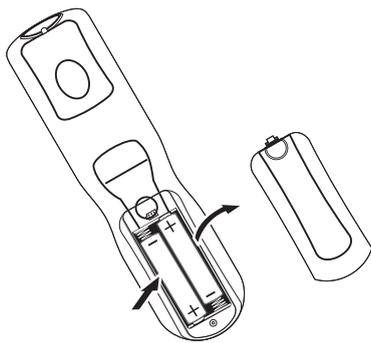


Using the remote control

Installing remote control batteries

To install remote control batteries:

- 1 While pressing the cover release latch on the back of the remote control, lift the cover off the remote control.



- 2 Insert two AA batteries into the battery compartment. Make sure the + and - symbols on the batteries align with the + and - symbols inside the battery compartment.

Programming your universal Insignia remote control

To program your remote control:

- 1 Find the codes for the devices you want to program in "Manufacturers' codes" on page 39 and write them down or highlight them.
- 2 Turn on the device (for example, a DVD player) and, if needed, load media such as a DVD.
- 3 Press the device button on the TV remote for the device that you want to program (**TV**, **DVD**, **STB**, or **AUX**).
- 4 Press and hold **SET** until the red LED blinks twice, then release.
- 5 Enter the first five-digit code for the device and brand that you want to program. The LED blinks once as each digit is entered. If the code is valid, the LED blinks twice.

Note

If the LED does not blink twice, repeat steps 2 to 4 and try entering the code again.

- 6 Aim the remote at the device and press **⏻** (power). The device should turn off. If it does not, repeat Steps 3 through 5, trying each code for your brand until you find one that works. If you cannot find a code that works, see "Searching for your code" below.
- 7 Repeat Steps 1 to 5 for the other devices you want to control. For future reference, write down each working device code.

Searching for your code

If your device does not respond to the remote control after trying all codes listed for your brand, or if your brand is not listed, try searching for your code.

To search for your code:

- 1 Turn on the device you want to control.
- 2 Press the device button on your TV remote control (**TV**, **DVD**, **STB**, or **AUX**) once.
- 3 Press and hold **SET** until the red LED blinks twice, then release.
- 4 Enter **991**. The LED blinks twice.
- 5 Press the number that matches your device type.
 - **0**—Cable converters, video accessories, satellite receivers
 - **1**—TVs
 - **2**—VCRs, DVD players, Blu-ray Disc players
 - **3**—Audio amplifiers, audio amplifiers/tuners, CD players
- 6 Aim the remote at the device and press **⏻** (power). The remote sends IR codes from its library to the selected device, starting with the most popular code first. If the device responds, go to Step 8.
- 7 If the device does not respond, press **CH▲** and the remote tests the next code for that device type. Continue to press **CH▲** until the device turns off.

Note

Press **CH▼** to try the previous code.

- 8 Now that you have found the correct code, press **SET** to save the code that worked for your device. The LED blinks twice to indicate that the code has been saved.
- 9 To search for other device codes, repeat Steps 1 to 8.

Checking the codes

If you have set up the remote using the procedure in "Searching for your code" on page 8, you may need to find out which five-digit code is operating your equipment.

To find out which code is assigned to your TV (for example):

- 1 Press **TV** once.
- 2 Press and hold **SET** until the red LED blinks twice, then release.
- 3 Enter **990**. The LED blinks twice.
- 4 To view the code for the first digit, press **1**. Count the red LED blinks (for example, three blinks = 3), then write down the number in the appropriate code listing at the top of this column.

Note

If the LED does not blink, the code digit is 0.

- 5 Repeat Step 4 for the four remaining digits, using **2** for the second digit, **3** for the third digit, **4** for the fourth digit, and **5** for the fifth digit.
- 6 To check for other device codes, repeat Steps 1 through 5, substituting the device button for the device you would like to check.

Using learning

This universal remote control includes a learning feature so you can add functions that are unique to your home entertainment devices (such as VCR tracking up or down). However, there are some considerations to keep in mind.

Precautions

- Your original remote controls must be in working order for learning to work properly.
- Learned buttons are mode-specific, so each one can store a unique function for each mode.
- Do not use the following buttons for learning: Device Buttons, **SET**, or **●** (record).
- Learning capacity is approximately 42 to 75 buttons, depending on the code being learned.
- Certain device functions are not learnable, including multi-frequency types, some high frequency functions, and other unusual formats.
- For optimum learning, avoid high levels of ambient light such as natural sunlight or energy-efficient fluorescent lights.

Note

Have your original remote controls handy before programming learning.

Programming a learned button

To program a learned button:

- 1 Place your Insignia remote control head-to-head (about 2" apart) from your original remote control (the one that came with the device).
- 2 Locate the button on your original remote control that you want the Insignia remote control to learn. Press the mode button you want to learn functions on.
- 3 Press and hold **SET** until the LED blinks twice, then release.
- 4 Enter **9 7 5**. The LED blinks twice.

Note

If more than 10 seconds pass between button presses, the remote exits programming. If the LED displays one long flash instead, replace the batteries. If the remote control continues to display one long flash, the remote control cannot learn a new button.

- 5 Press the button on the Insignia TV remote you want to program. The feedback LED stays lit for three seconds, indicating that the remote is ready to learn.
- 6 On the original remote, press and hold the button to be learned. Continue holding the button on the original remote until the Insignia's LED blinks twice.

Note

If the red LED displays one long blink, a learning error has occurred. Try repeating this step again until a successful capture occurs. If the function is still not captured, press and hold **SET** to exit programming and review the "Precautions" above. After reviewing, start programming again at Step 1.

- 7 Repeat Steps 4 and 5 to program another button. Once you have completed programming all the buttons you want, press and hold **SET** until the LED blinks twice to save all data learned.

Deleting a single learning button

This process returns the button to its original programming for the mode you select. You can also delete learned programming by teaching a different function to the button (see "Programming a Learned Button" above).

Note

If more than 10 seconds pass between button presses, the remote exits programming. If the LED displays one long flash instead, replace the batteries. If the remote control continues to display one long flash, the remote control cannot learn a new button.

To delete a single learned button:

- 1 Press the mode button that you want to remove the learned button from.
- 2 Press and hold **SET** until the LED blinks twice, then release.
- 3 Enter **9 7 6**. The LED blinks twice.
- 4 Press the button containing the learned function to be deleted, twice. The LED blinks twice and programming ends.

Deleting all learned buttons in a specific mode

Note

If more than 10 seconds pass between button presses, the remote exits programming. If the LED displays one long flash instead, replace the batteries. If the remote control continues to display one long flash, the remote control cannot learn a new button.

To delete all learned buttons in a specific mode:

- 1 Press and hold **SET** until the LED blinks twice, then release.
- 2 Press **9 7 6**. The LED blinks twice.
- 3 Press a mode button twice (for example, **TV**, **DVD**, **STB**, or **AUX**) to clear all the learned buttons for that mode. The LED blinks twice and programming ends.

Changing the volume lock

Volume Lock sets the volume and mute buttons to the device you select, regardless of what mode you are in. For example, if you lock the volume to your DVD player and then go to TV mode, when you press the volume button on your Insignia remote, the volume will change on the DVD player and not on your TV.

To lock the volume control:

- 1 Press and hold **SET** until the red LED blinks twice, then release.
- 2 Enter **9 9 3**, the LED blinks twice.
- 3 Press the mode button for the device you want to control (for example, TV).
- 4 The LED blinks twice. Now when you press **VOL+**, **VOL-**, or **MUTE**, the selected device controls the volume regardless of the current mode.

To unlock all volume control:

- 1 Press and hold **SET** until the red LED blinks twice, then release.
- 2 Enter **9 9 3**, the LED blinks twice.
- 3 Press **VOL+**. The LED blinks four times. Volume is independently controlled for all programmed devices.

To unlock a single device's volume control:

- 1 Press the device mode button (**TV**, **DVD**, **STB**, or **AUX**).
- 2 Press and hold **SET** until the red LED blinks twice, then release.
- 3 Enter **9 9 3**. The LED blinks twice.
- 4 Press **VOL-**. The red LED blinks four times. Volume is independently controlled for the selected devices.

Programming channel lock

Channel control can be locked so that the Insignia remote controls a single device's channel-changing functions, regardless of operating mode. This is often enabled by users who watch all broadcast TV through one device, such as a cable set-top box. The affected buttons are **1** through **0**, **CH▲**, **CH▼**, and **RECALL**.

To lock all channel controls to one device:

- 1 Press the mode button for the device that you want to use for changing channels, such as STB for your cable set top box.
- 2 Press and hold **SET** until the mode LED blinks twice, then release.
- 3 Enter **9 7 3**. The mode LED blinks twice.
- 4 Press **CH▲** once. The mode LED blinks twice.

Now, regardless of what mode you select, the channel buttons will only change channels on the assigned device.

To unlock channel locks:

- 1 Press and hold **SET** until the mode LED blinks twice, then release.
- 2 Enter **9 7 3**. The mode LED blinks twice.
- 3 Press **CH▼** once. The mode LED blinks four times.

Now the channel functions will correlate to the active mode (for example, press **CH▲** in TV mode and the TV changes channel accordingly).

Using buttonmover

Your Insignia universal remote control includes a buttonmover feature that lets you copy buttons from one mode (such as source mode) to another mode (such as destination mode) or to a different button in the same mode.

Note

Do not use any of the Device Buttons, **⏻** (power), **●**, or **SET** as a source or destination button.

To move buttons in the same device mode:

- 1 Press the device button (**TV**, **DVD**, **STB**, or **AUX**).
- 2 Press and hold **SET** until the LED blinks twice, then release.
- 3 Press **9 9 4**. The LED blinks twice.
- 4 Press the button you want to move.
- 5 Press the new button that should perform the function. The LED blinks twice.
- 6 Repeat Steps 1-5 to move additional buttons.

To move buttons to a different device mode:

- 1 Press and hold **SET** until the LED blinks twice, then release.
- 2 Press **9 9 4**. The LED blinks twice.
- 3 Press the device button that contains the function you want to move (for example, **DVD**).
- 4 Press the button you want to move (such as **▶**).
- 5 Press the device button that you want to move the function to (such as **TV**).
- 6 Press the button in the new mode that should perform the function (for example, **▶**). The LED blinks twice.

- 7 Repeat Steps 1-6 to move additional buttons.

To restore all buttonmoved data in a specific mode:

- 1 Press and hold **SET** until the LED blinks twice, then release.
- 2 Press **9 9 4**. The LED blinks twice.
- 3 Press the device button you want to remove all buttonmoved data from twice. The LED blinks twice.
- 4 Repeat for each device you want to restore.

To restore original button function:

- 1 Press the device button for which you want to remove the buttonmoved data from a specific button.
- 2 Press and hold **SET** until the LED blinks twice, then release.
- 3 Enter **9 9 4**. The LED blinks twice.
- 4 Press the button you want to remove the buttonmoved data from twice. The LED blinks twice.
- 5 Repeat Steps 1-4 for additional buttons you want to remove.

Programming macros

Your Insignia universal remote control includes the ability to program any button (other than the **SET** button) with a macro function. Each one can be set up to perform a pre-programmed set of sequential button presses with the press of a single button. A macro can be used to control a home theater operation, to set a favorite channel, or for other functions you would like to control with one button press. Each macro button can hold up to 15 button presses, total.

Note

Programming a new macro over an existing one erases the original macro.

To program a mode-independent macro:

- 1 Press and hold **SET** until the red LED blinks twice, then release.
- 2 Press **9 9 5**. The LED blinks twice.
- 3 Press the button you want to assign to a macro.
- 4 Enter the series of commands you want the macro to execute (up to 15 commands).
- 5 Press and hold **SET** until the red LED blinks twice, then release.

Now, when you press the preset macro button, the remote sends the series of commands you have entered, regardless of what mode you are in. For example, you could program a macro button to turn on both your TV and cable box and select a particular channel.

Note

To clear the macro, repeat Steps 1-5, but do not enter a series of commands at Step 4.

To program a mode-dependent macro:

- 1 Press the device mode button (**TV**, **DVD**, **STB**, or **AUX**).
- 2 Press and hold **SET** until the LED blinks twice, then release.

- 3 Press **9 7 8**. The LED blinks twice.
- 4 Press the button you want to assign to a macro.
- 5 Enter the series of commands you want the macro to execute (up to 15 commands).
- 6 Press and hold **SET** until the red LED blinks twice, then release.

Now, when you press the macro button, the remote sends the series of commands you have entered, but only if you are in the mode you selected in Step 1. For example, you could program the macro button to turn on both your TV and cable box and select a particular channel, but only if you are in TV mode. If you are in DVD mode, this button does not execute the macro you set up in TV mode.

Note

To clear the macro, repeat Steps 1-6, but do not enter a series of commands at Step 5.

Programming a universal remote control to work with your TV

You can operate your Insignia TV with a new or existing universal remote control.

To program a universal remote control:

- 1 See the table below for common codes. If you have problems programming your remote or need a different remote control code, visit www.insigniaproducts.com for the latest remote control code information.

Insignia TV codes for universal remote controls (for all Insignia TVs manufactured after Jan. 1, 2007)				
Universal remote control makes and models				
Philips PHDVD5, PH5DSS, PMDVR8, PDVR8	DirectTV RC23	RCA RCU807	One for All URC-6690	Sony RM-VL600
115	10463	135	0464	8043
Set-top box makes and models				
Comcast M1057	Dish Network VIP508, VIP622	Motorola DRC800	TIVO Series 3, HD	
0463	720	0463	0091	

Codes for other remote controls are available online at: www.insigniaproducts.com

Tips

- The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.
- If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.

- 2 Follow your universal remote control's instructions to enter the TV code you found in Step 1.

Tips

- If your universal remote control has a code search feature, run a code search to identify a code that matches your TV. See your universal remote control's instructions for details.
- If your universal remote control has a "Learn" feature, you can manually program it using the Insignia TV remote to "teach" the commands one at a time. See your universal remote control's instructions for details.

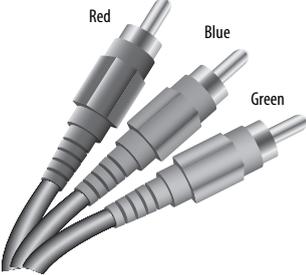
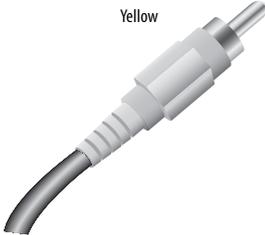
- 3 If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV. Four such remotes are listed on the chart, but many other compatible models are available in the market.

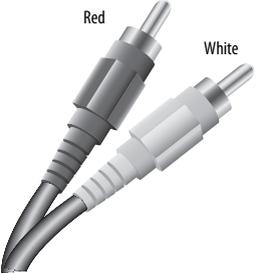
For more help, go to insigniaproducts.com or call technical support for your universal remote control or set-top box manufacturer, or call the Insignia Customer Care Center. For US and Canada markets, call 1-877-467-4289. For Mexico markets, call 01 800-926-3000.

Making connections

Identifying cables

Your TV has several connection types for connecting devices to your TV. For the best video quality, you should connect a device to the best available connection. Use the following tables to identify cables:

Connection type and jack	Video quality	Cable connector
HDMI (video/audio) 	Best	
Component video (requires an audio connection) 	Better than composite or coaxial	
Composite video (requires an audio connection) 	Better than coaxial	
Coaxial video/audio 	Good	

Connection type and jack	Cable connectors
VGA (computer) video and audio 	 
Digital optical audio (SPDIF) 	
Analog audio 	

You can use an HDMI jack to connect a DVI device to your TV. You need to attach an HDMI-to-DVI adapter to the end of the HDMI cable that connects to the DVI device.

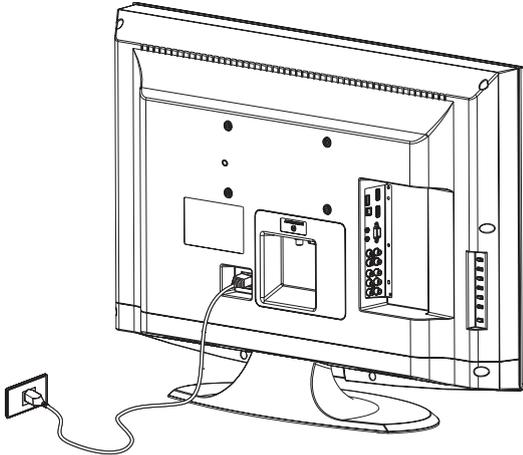
Connecting power

Notes

- Your TV only works on 120 V, 60 Hz power.
- Your TV should only be operated from the power source indicated on the label.
- Always unplug the AC power cord from the AC power outlet when you will not be using your TV for an extended period of time.

To connect power:

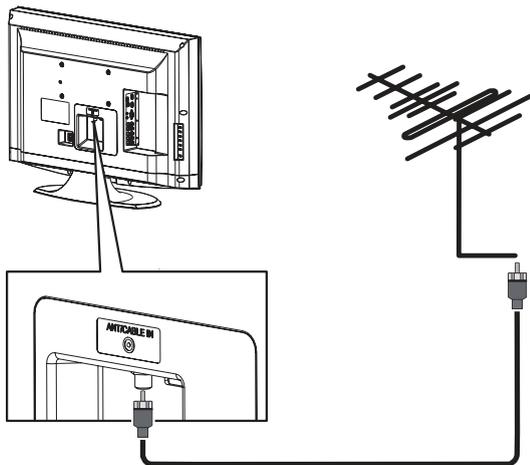
- Connect the power cord to the **AC IN** connector on the back of your TV, then plug the cord into an AC power outlet.



Connecting an antenna or cable TV without a cable box

To connect an antenna or cable TV without a cable box:

- Connect a coaxial cable (not provided) to the **ANT/CABLE IN** jack on the back of your TV and to the antenna or cable TV wall jack.



Notes

- Use a 75 ohm cable to eliminate interference and noise from radio waves.
- Do not bundle the 75 ohm cable with the power cord or other cables.
- If the antenna is not installed correctly, contact qualified service personnel to correct the problem.

Connecting a cable or satellite TV box

Many cable or satellite TV boxes have more than one connection type. To get the best video, you should use the best connection type available.

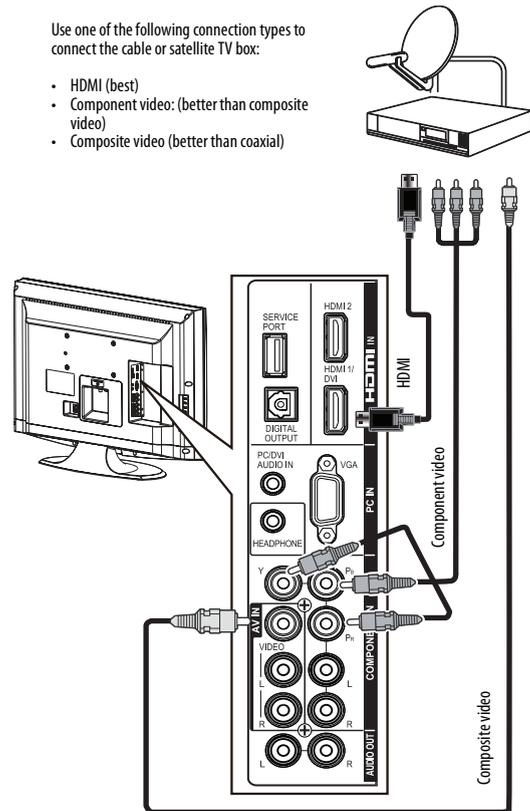
Connection type	Video quality
HDMI	Best
Component	Better than composite or coaxial
Composite	Better than coaxial
Coaxial	Good

To connect a cable or satellite TV box:

- 1 Connect the incoming cable from the cable wall jack to the cable-in jack on the cable box.

Use one of the following connection types to connect the cable or satellite TV box:

- HDMI (best)
- Component video: (better than composite video)
- Composite video (better than coaxial)



- 2 Depending on the jacks available on the cable or satellite TV box, connect a video cable from the outgoing jacks on the cable or satellite TV box to the corresponding jacks on the back of your TV. The connection can be to an **HDMI** jack, the **COMPONENT IN/Y, PB, PR** jacks, or the **AV IN VIDEO** (composite) jack.

- 3 If you use the **COMPONENT IN/Y, Pb, Pr** jacks, connect an audio cable to the **COMPONENT IN L/R** audio jacks.

OR

If you use the **AV IN VIDEO** (composite) jack, connect an audio cable to the **AV IN L/R** audio jacks.

Note

If the cable or satellite TV box does not have an HDMI, component, or composite jack, connect the cable or satellite TV box to the **ANT/CABLE IN** jack on the back of your TV. For more information, see "Connecting an antenna or cable TV without a cable box" on page 13.

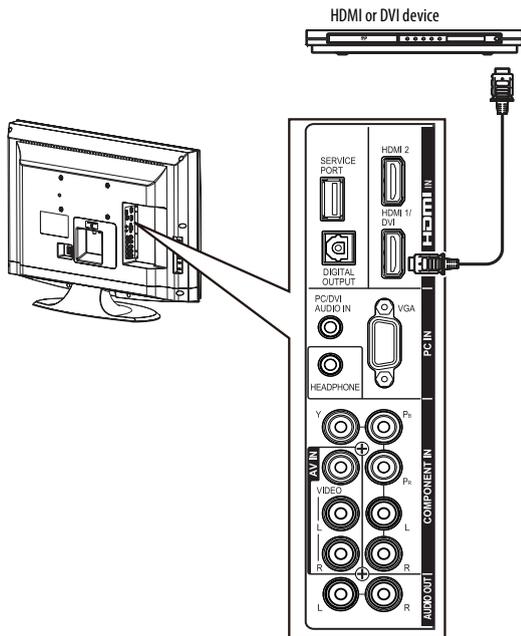
Connecting an HDMI or DVI device

To connect an HDMI or DVI device:

- 1 Make sure that your TV's power cord is unplugged and the HDMI or DVI device is turned off.
- 2 Connect an HDMI cable (not provided) to the **HDMI 1/DVI** or **HDMI 2** jack on the back of your TV and to the **HDMI OUT** jack on the HDMI device.

Note

A DVI device can only be connected to the **HDMI 1/DVI** jack. If you connect a DVI device to the **HDMI 2** jack, you will not hear sound.



- 3 If you are connecting a DVI device, connect an audio cable with stereo mini plug (not provided) to the **PC/DVI AUDIO IN** jack on the back of your TV and to the **AUDIO OUT** jack on the DVI device.

Note

An HDMI cable carries both video and audio. You do not need to make an audio connection for an HDMI device.

To play from an HDMI or DVI device:

- 1 Turn on your TV, then press **INPUT** to open the *Input Source* list.
- 2 Press **INPUT** repeatedly, or press **▲** or **▼** to select **HDMI 1** or **HDMI 2**, then press **OK/ENTER**.

Note

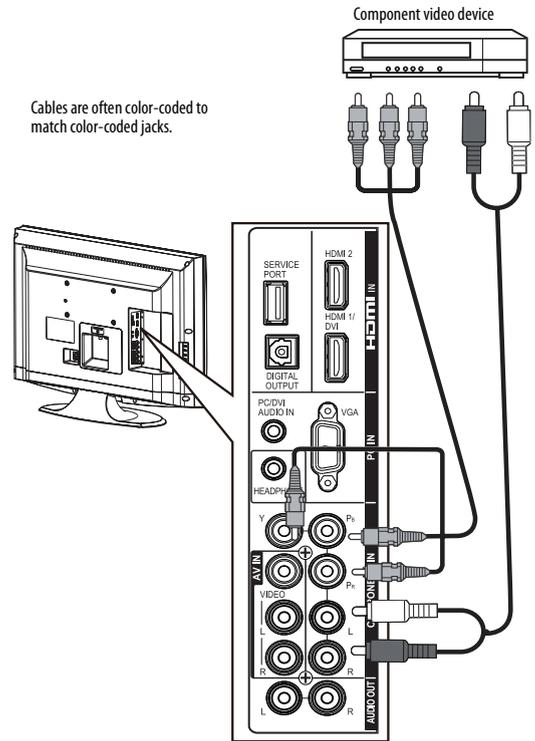
You can also press **HDMI** once to select **HDMI 1** or twice to select **HDMI 2**.

- 3 Turn on the HDMI or DVI device, then set it to the output mode. See the documentation that came with the device for more information.

Connecting a component video device

To connect a component video device:

- 1 Make sure that your TV's power cord is unplugged and the component video device is turned off.
- 2 Connect a component video cable (included) to the **COMPONENT IN/Y,Pb,Pr** jacks on the back of your TV and to the **COMPONENT OUT** jacks on the component video device.



- 3 Connect an audio cable (included) to the **COMPONENT IN L/R** audio jacks on the back of your TV and to the **L/R AUDIO OUT** jacks on the component video device.

To play from the component video device:

- 1 Turn on your TV, then press **INPUT** to open the *Input Source* list.
- 2 Press **INPUT** repeatedly, or press **▲** or **▼** to select **Component**, then press **OK/ENTER**.

Note

You can also press **COMP** to select the component video device.

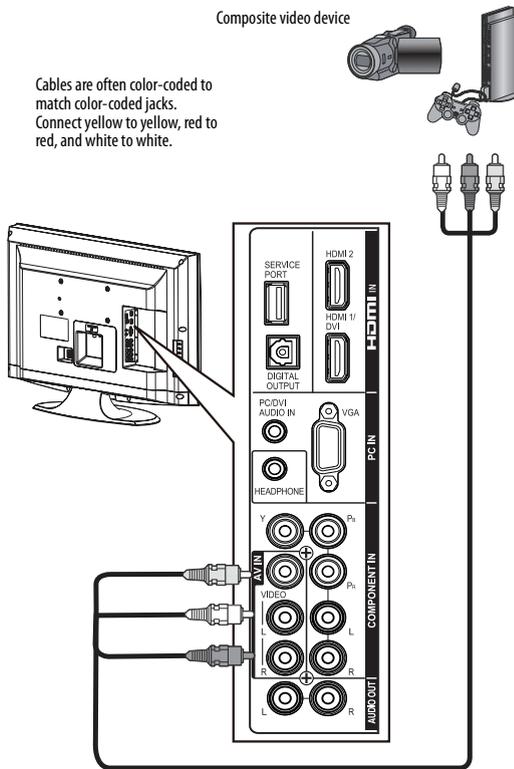
- 3 Turn on the component video device, then set it to the output mode. See the documentation that came with the device for more information.

Connecting a composite video device

You can connect a composite video device, such as a VCR, camcorder, or game station.

To connect a composite video device:

- 1 Make sure that your TV's power cord is unplugged and the composite video device is turned off.
- 2 Connect an AV cable (not provided) to the **AV IN VIDEO** and **L/R** audio jacks on the back of your TV and to the **AV OUT** jacks on the composite video device.



To play from the composite video device:

- 1 Turn on your TV, then press **INPUT** to open the *Input Source* list.
- 2 Press **INPUT** repeatedly, or press **▲** or **▼** to select **A/V**, then press **OK/ENTER**.

Note
You can also press **VIDEO** to select the composite video device.

- 3 Turn on the composite video device, then set it to the output mode. See the documentation that came with the device for more information.

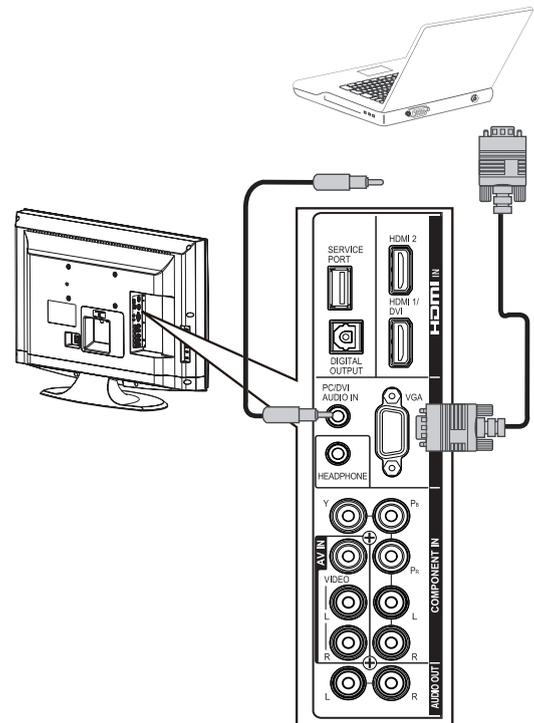
Connecting a computer

Tip
Some computers have an HDMI jack. You can use an HDMI cable to connect the computer for a better picture.

To connect a computer:

- 1 Make sure that your TV's power cord is unplugged and the computer is turned off.
- 2 Connect a VGA cable (not provided) to the **PC IN VGA** jack on the back of your TV and to the **VGA** jack on the computer.

Note
The VGA cable should be a 15-pin D-Sub (analog RGB) cable.



- 3 Connect an audio cable with stereo mini plug (not provided) to the **PC/DVI AUDIO IN** jack on the back of your TV and to the **LINE OUT** or **AUDIO OUT** jack on the computer.

To play video from the computer:

- 1 Turn on your TV, then press **INPUT** to open the *Input Source* list.
- 2 Press **INPUT** repeatedly, or press **▲** or **▼** to select **VGA**, then press **OK/ENTER**.
- 3 Turn on the computer and adjust the display properties if necessary.

Connecting headphones

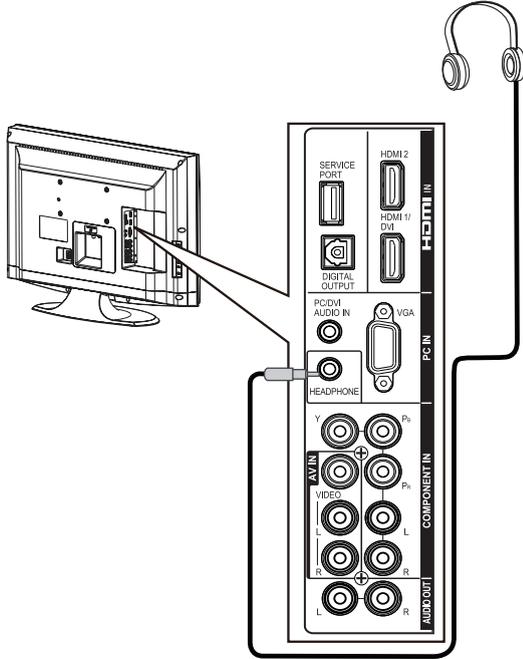
The TV speakers are muted when headphones are connected.

Warning

Loud noise can damage your hearing. When using headphones, use the lowest volume setting on your headphones that still lets you hear the sound.

To connect headphones:

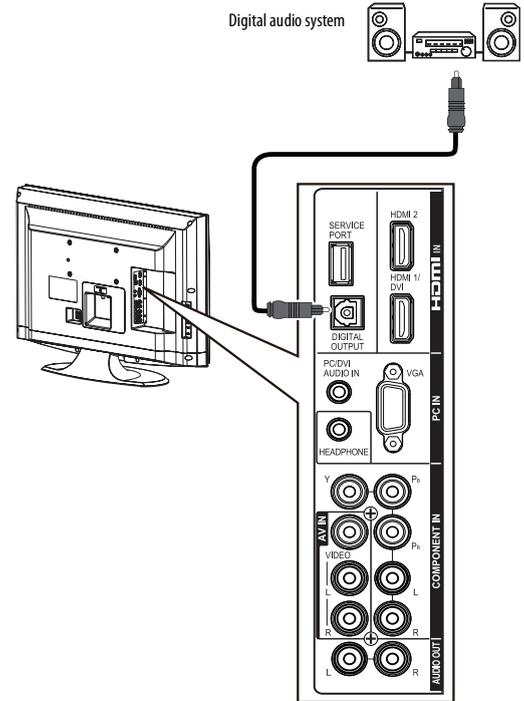
- Plug headphones into the **HEADPHONE** jack on the back of your TV.



Connecting a digital sound system

To connect a digital sound system:

- 1 Make sure that your TV's power cord is unplugged and the digital sound system is turned off.
- 2 Connect a digital optical (Toslink) cable (not provided) to the **DIGITAL OUTPUT** jack on the back of your TV and to the **SPDIF IN** jack on the digital audio system.



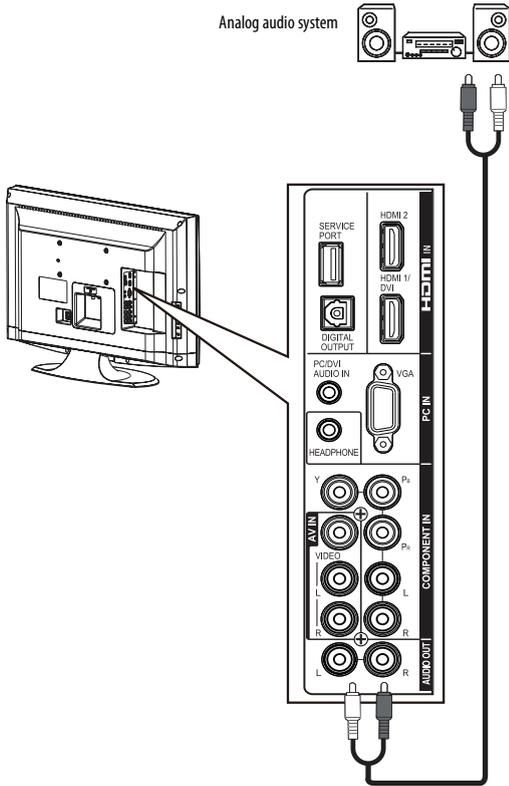
To play audio from a digital audio device:

- 1 Turn on your TV.
- 2 Make sure that the **Speakers** option on the *Advanced Audio* sub-menu is set to **External**. For more information, see "Adjusting sound settings" on page 23.
- 3 Turn on the digital audio device and set it to the correct output mode. See the audio device's user guide for more information.

Connecting an analog sound system

To connect an analog sound system:

- 1 Make sure that your TV's power cord is unplugged and the analog sound system is turned off.
- 2 Connect an audio cable (provided) to the **AUDIO OUT L/R** jacks on the back of your TV and to the **AUDIO IN** jacks on the sound system.



To play audio from an analog audio device:

- 1 Turn on your TV.
- 2 Make sure that the **Speakers** option on the *Advanced Audio* sub-menu is set to **External**. For more information, see "Adjusting sound settings" on page 23.
- 3 Turn on the analog audio device and set it to the correct output mode. See the audio device's user guide for more information.

Turning on your TV for the first time

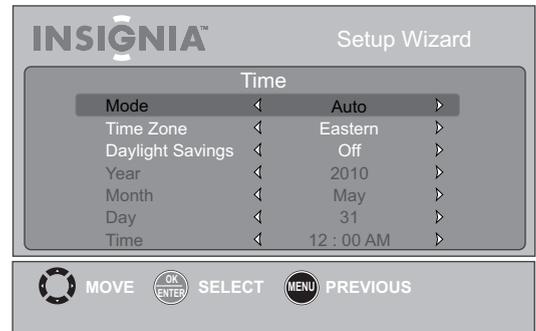
The first time you turn on your TV, the Setup Wizard opens. The Setup Wizard guides you through setting up basic settings including the menu language, date and time, picture mode, and TV signal source.

To set up your TV:

- 1 Make sure that you have:
 - Installed the remote control batteries. For more information, see "Installing remote control batteries" on page 7.
 - Connected the antenna, cable TV, or satellite TV. For more information, see "Connecting an antenna or cable TV without a cable box" on page 13 or "Connecting a cable or satellite TV box" on page 13.
 - Connected the power cord. For more information, see "Connecting power" on page 13.
- 2 Press **⏻** (power), then wait several seconds. The power LED on the front of your TV turns off and the *Choose your menu Language* screen opens.



- 3 Press **▲** or **▼** to highlight a language, then press **OK/ENTER**. The *Time* screen opens with **Mode** highlighted.



- Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can adjust:
 - Mode**—You can select **Auto** or **Custom**. If you select **Auto**, the date and time are set automatically from a digital TV signal. If you select **Custom**, you can manually set the date and time.
 - Time Zone**—You can select **Eastern, Central, Mountain, Pacific, Alaska, Hawaii, Newfoundland, or Atlantic**.
 - Daylight Savings**—You can select **On** or **Off**.
 - Year**—Press **◀** or **▶** to select the current year.
 - Month**—Press **◀** or **▶** to select the current month.
 - Day**—Press **◀** or **▶** to select the current day.
 - Time**—Press **▶**. Press **◀** or **▶** to highlight the hour, minute, or AM/PM, then press **▲** or **▼** to adjust each item. After you set time, press **◀** or **▶** repeatedly until none of the time items are highlighted.
- Press **OK/ENTER**. The *Choose your Picture Mode* screen opens.



- Press **▲** or **▼** to highlight **Home Mode** or **Retail Mode**, then press **OK/ENTER**. If you select **Retail Mode**, a message asks you to confirm your selection. Select **Yes** or **No**. **Retail Mode** is not an energy-saving mode.
The *Choose your TV source* screen opens.



- Press **▲** or **▼** to highlight **Antenna**, **Cable** (no box), or **Cable/Satellite box**. If you select **Antenna** or **Cable**, your TV scans for available channels. The scan may take several minutes. If you select **Cable/Satellite box**, your TV does not scan for channels.
- To watch TV, press **TV** on the remote control.

Understanding the basics

Turning your TV on or off:

To turn your TV on and off (standby mode):

- Press **⏻** (power). The power indicator turns off and your TV turns on.
- To turn off your TV, press **⏻** (power) again. Your TV turns off (goes into standby mode) and the power indicator turns amber.

Warning

When your TV is turned off, power still flows into it. To disconnect power, unplug the power cord.

Note

If your TV is connected to a computer and your TV does not receive a VGA signal, your TV will enter power-saving mode automatically. Press **⏻** (power) to wake up your TV.

Selecting the video input source

To select the video input source:

- Turn on your TV, then press **INPUT**. The *Input Source* list opens.



- Press **INPUT** repeatedly or press **▲** or **▼** to select the video input source. Wait a few seconds for the TV to switch to your selection, or press **OK/ENTER** to switch immediately.

You can also press a video input button to select the video input source.

- Press **TV** to select **TV**.
- Press **VIDEO** to select **A/V**.
- Press **HDMI** once to select **HDMI 1** or twice to select **HDMI 2**.
- Press **COMP** to select **Component**.

Selecting a channel

To select a channel:

- Press **CH▲** or **CH▼** to go to the next or previous channel on the memorized channel list.
- Press **RECALL** to go to the last channel viewed. Press **RECALL** again to return to the channel you were watching.
- Press the number buttons to enter the analog or digital (main) channel number you want, then wait for the channel to change or press **OK/ENTER** to change the channel immediately.
- To select a digital sub-channel, press the number buttons to select the main digital channel, press **—** (dash), then press the number for the sub-channel. Wait for the channel to change, or press **OK/ENTER** to change the channel immediately.

Note

Button presses must be within three seconds of each other.

Adjusting the volume

To adjust the volume:

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

Displaying additional information

To display additional information:

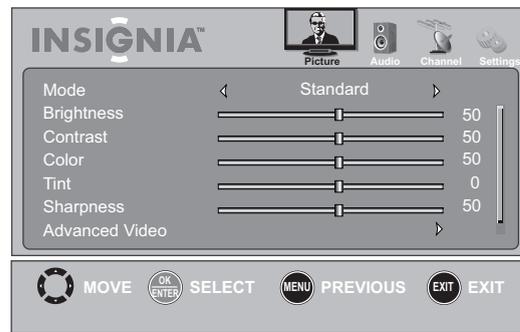
- Press **INFO**. An information banner opens and displays current program information such as the channel number, video input source, and resolution.
 - **Digital signal information**—Displays the channel number, station name, channel label (if present), broadcast program name, TV rating, signal type,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

On-screen menu overview

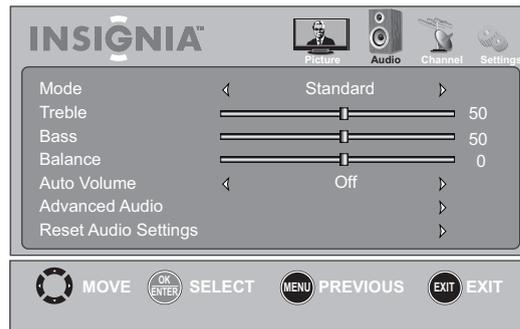
Notes

- Depending on the signal source selected, you may see different options on your screen.
- Menu items that are not selectable are grayed out.
- Menus in this guide are described in TV mode, unless otherwise indicated.
- The screens shown in this guide are for explanation purposes and may vary from the actual screens on your TV.

Picture menu



Audio menu



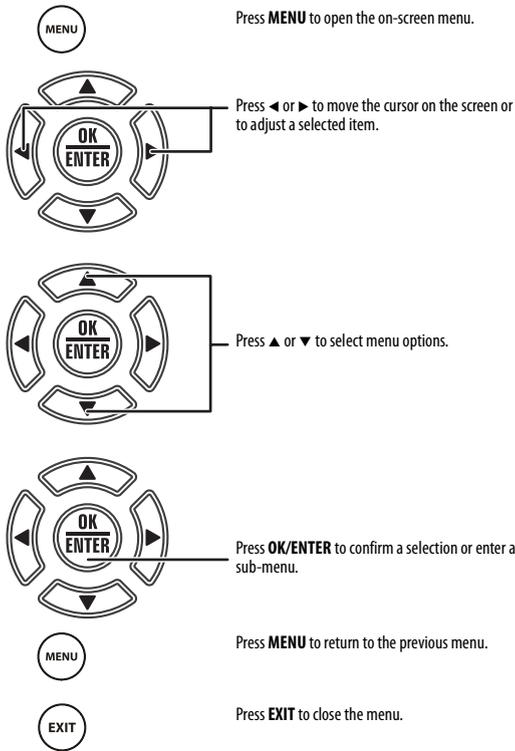
Channel menu



Settings menu



Navigating the menus

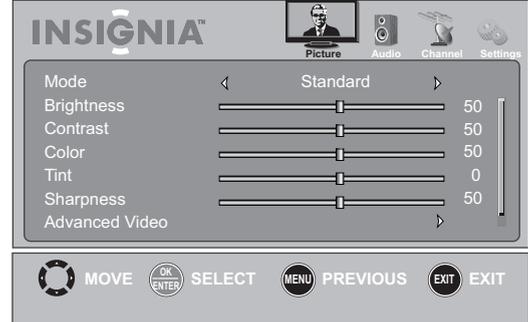


Adjusting the picture

Adjusting the TV picture

To adjust the TV picture:

- 1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



- 2 Press **▼** or **OK/ENTER** to access the menu.
- 3 Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the setting. You can select:
 - **Mode**—Selects the picture mode. You can select:
 - **Vivid**—Provides a bright and vivid picture.
 - **Standard**— Provides a standard picture.
 - **Energy Savings**—Reduces the brightness and backlight levels to save energy.
 - **Theater**—Provides a finely detailed picture.
 - **Sports**—Provides a dynamic picture.
 - **Custom**—Lets you customize the picture settings.

Note

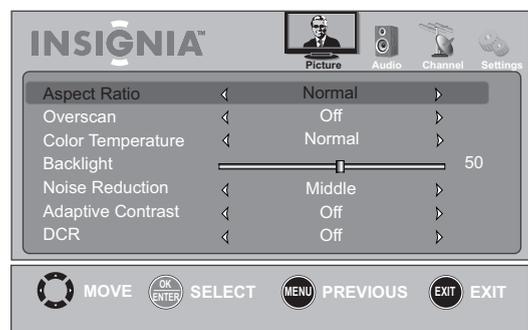
You can also press **PICT** repeatedly to select the picture mode.

- **Brightness**—Adjusts the brightness.
- **Contrast**—Adjusts the contrast.
- **Color**—Adjusts the color saturation.
- **Tint**—Adjusts the image tint.
- **Sharpness**—Adjusts the sharpness.

Note

If you try to adjust **Brightness, Contrast, Color, Tint, Sharpness**, or settings in the *Advanced Video* menu, your TV automatically changes the **Mode** to **Custom**.

- **Advanced Video**—Opens the *Advanced Video* sub-menu where you can adjust additional video options.



- **Aspect Ratio**—Changes the display format. For more information, see “Selecting the aspect ratio” on page 21.

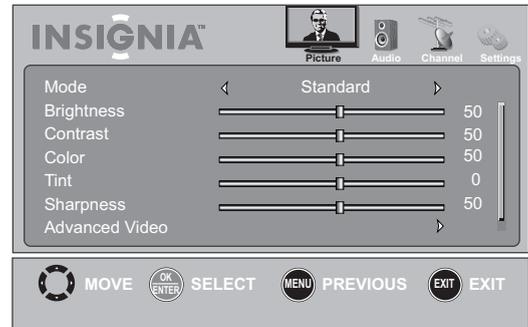
Note
You can also press **ZOOM** repeatedly to select the aspect ratio.

- **Overscan**—Extends part of the display past the visible area of the screen. The resulting picture zooms on the image center. You can select **On** or **Off**.
 - **Color Temperature**—Adjusts the level of white balance in the display. You can select:
 - **Cool**—Pictures appear with a bluish tint.
 - **Normal**—Pictures appear more white.
 - **Warm**—Pictures appear more reddish.
 - **Backlight**—Sets the overall brilliance of the screen.
 - **Noise Reduction**—Improves the picture quality by filtering out unstable data (noise) from video signals. You can select **Low**, **Middle**, **High**, or **Off**.
 - **Adaptive Contrast**—Enhances the contrast between the light and dark areas of the picture. This feature enables automatic contrast adjustment, based on the picture brightness. You can select **On** or **Off**.
 - **DCR**—Automatically adjusts the backlight level based on the dark areas of the picture. You can select **On** or **Off**.
 - **Reset Picture Settings**—Resets all picture settings to factory defaults.
- 4 Press **EXIT** to close the on-screen menu.

Selecting the aspect ratio

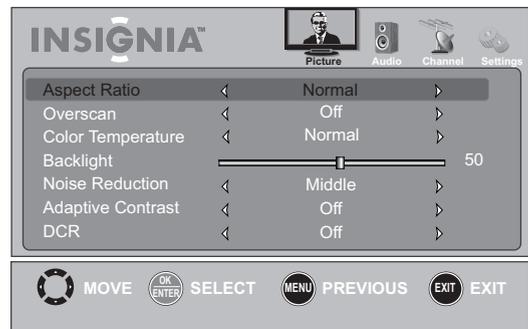
To select the aspect ratio:

- 1 Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



- 2 Press **▼** or **OK/ENTER** to access the menu.

- 3 Press **▲** or **▼** to highlight **Advanced Video**, then press **OK/ENTER**. The *Advanced Video* sub-menu opens.



- 4 Press **▲** or **▼** to highlight **Aspect Ratio**, then press **◀** or **▶** to select the aspect ratio you want. You can select:

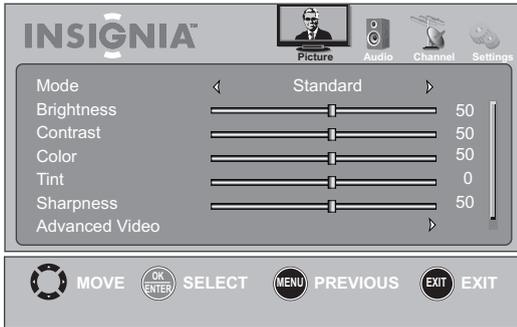
- **Auto**—The picture display is adjusted to the correct aspect ratio automatically (TV mode only). This setting is only active when **Auto Zoom** in the *Channel* menu must be set to **On**.
- **Normal**—The picture is displayed in a 4:3 aspect ratio.
- **Zoom**—The picture is displayed to cover the entire screen.
- **Wide**—The picture uses a widescreen aspect ratio.
- **Cinema**—The picture is displayed in a 21:9 aspect ratio.

- 5 Press **EXIT** to close the on-screen menu.

Adjusting the computer image

To adjust the computer image:

- 1 Make sure that your TV is in VGA mode. For more information, see "Selecting the video input source" on page 18.
- 2 Press **MENU**. The on-screen menu opens.



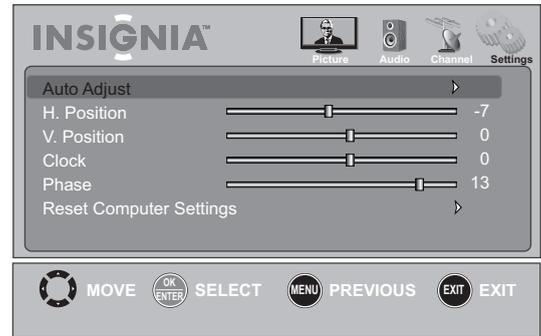
- 3 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 4 Press **▼** or **OK/ENTER** to access the menu, then press **▲** or **▼** to highlight **VGA Settings**.



- 5 Press **OK/ENTER**. The *VGA Settings* sub-menu opens.



- 6 Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can select:
 - **Auto Adjust**—Automatically adjusts the image settings such as position and phase.
 - **H. Position**—Moves the image right or left.
 - **V. Position**—Moves the image up or down.
 - **Clock**—Adjusts the sample frequency.
 - **Phase**—Adjusts the focus to stabilize the image.
 - **Reset Computer Settings**—Resets all computer settings to factory defaults.
- 7 Press **EXIT** to close the on-screen menu.

PC signal input chart

You need to set the video resolution on your computer to a resolution that your TV supports. See the online help for your computer's operating system for instructions on setting the video resolution.

If "Unsupported Signal" appears on the screen, adjust the computer's video resolution to correspond to one of the following settings.

Format	Resolution	Frequency (Hz)
VGA	640 x 480	60
	720 x 400	70
SVGA	800 x 600	60
	800 x 600	72
XGA	1024 x 768	60
WXGA	1280 x 768	60
	1360 x 768	60

Adjusting the sound

Selecting the audio language or sound mode

To select the audio language in digital TV mode:

- Press **SAP** repeatedly to select an audio language (if available).

To select the sound mode in analog TV mode:

- Press **SAP** repeatedly to cycle through the audio sound modes. The options available depend on the broadcaster. You can select:
 - **Mono**—Select this mode if there is noise or static from a weak broadcast signal.
 - **Stereo**—Select this mode for programs broadcast in stereo sound.
 - **SAP**—Select this mode to listen to audio in an alternate language (if available).

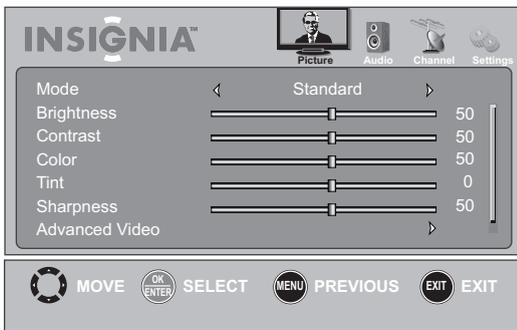
- **Balance**—Adjusts the balance between the left and right audio channels.
- **Auto Volume**—Adjusts the volume to keep the volume level consistent when switching channels or when switching from a TV show to a commercial. You can select **On** or **Off**.
- **Advanced Audio**—Opens the *Advanced Audio* sub-menu.



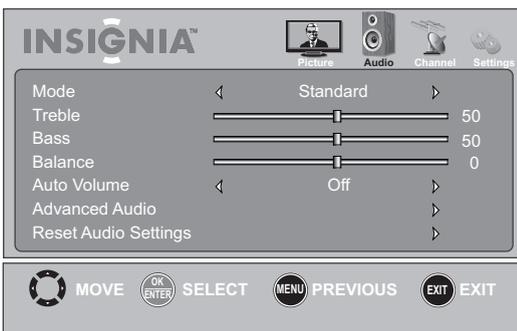
Adjusting sound settings

To adjust sound settings:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Audio**. The *Audio* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight a setting, then press **◀** or **▶** to adjust the setting. You can select:

- **Mode**—Selects the equalizer (EQ) audio mode. You can select **Standard**, **Theater**, **Music**, **News**, or **Custom**.

Note

You can also press **AUDIO** repeatedly to select the audio mode.

- **Treble**—Adjusts the high sounds.
- **Bass**—Adjusts the low sounds.

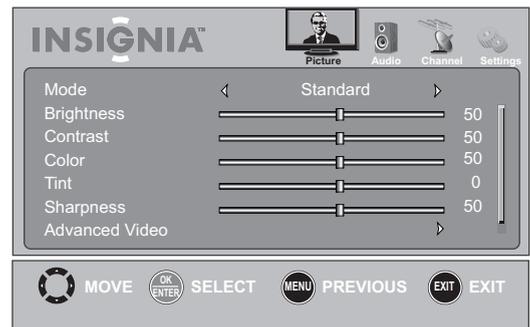
- **Digital Audio/SPDIF**—Selects the audio format for digital audio signals. You can select **PCM** or **RAW**.
 - **Audio Language**—Selects the default language track when watching digital TV programs. You can select **English**, **Français** (French), or **Español** (Spanish).
 - **MTS/SAP**—Selects the default language stream when watching analog or digital TV channels. See "Selecting the audio language or sound mode" on page 23.
 - **Speakers**—Selects the TV audio output source. If an external audio system is connected to your TV, select **External** to send the TV sound to the audio system.
 - **Reset Audio Settings**—Resets all audio settings to factory defaults.
- 5 Press **EXIT** to close the menu.

Playing TV audio only

You can turn off the video on your TV and only listen to the program audio.

To play TV audio only:

- 1 Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens.



- Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens.

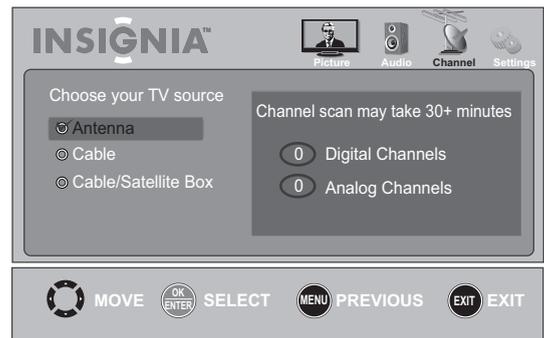


- Press **▼** or **OK/ENTER** to access the menu.
- Press **▲** or **▼** to highlight **Audio Only**, then press **◀** or **▶** to select **On** or **Off**.
- Press **EXIT** to close the menu.

Note

- After **Audio Only** is set to **On**, the TV picture will disappear 10 seconds after the on-screen menu is closed.
- Audio Only** works only when the input source is TV and your TV is receiving a broadcast signal.
- To exit audio only mode, press any button. When you exit audio only mode, the **Audio Only** option is automatically reset to **Off**.

- Press **▼** or **OK/ENTER** to access the menu.
- Press **▲** or **▼** to highlight **Auto Channel Search**, then press **OK/ENTER**.



Changing channel settings

Automatically scanning for channels

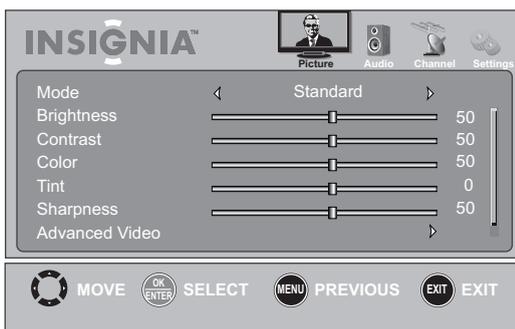
When you scan for channels, your TV searches for channels available in your viewing area and stores the channel information in the channel list. When you press **CH▲** and **CH▼**, your TV tunes to the next or previous channel in the channel list and skips any channels that were not stored in the list.

Note

You do not need to scan for channels unless the available channels changed after you ran the Setup Wizard. For more information, see "Turning on your TV for the first time" on page 17.

To automatically scan for channels:

- Press **MENU**. The on-screen menu opens.



- Press **▲** or **▼** to highlight your TV signal source, then press **OK/ENTER**. You can select:

- Antenna**—Select this option if you use an antenna. Your TV will scan for analog (VHF and UHF) and digital channels in your area.
- Cable**—Select this option if you have cable TV and do not have a cable TV box. Your TV will scan for analog and digital channels in your area.
- Cable/Satellite Box**—Select this option if you use a cable or satellite TV box. Your TV will not scan for channels because the cable or satellite TV provides the channel information.

Auto Scan may take a while to complete. A progress report is displayed while your TV is scanning for available channels. After the digital channel scan is complete, you can continue to search for analog channels without pressing any buttons, or you can press **EXIT** to exit if you do not need the analog channel scan.

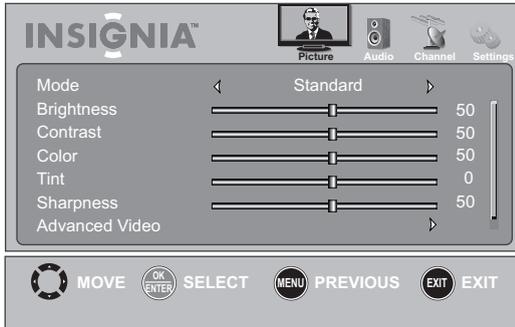
You can press **MENU** or **EXIT** at any time to stop scanning, but you will need to run the scan later to complete the process.

Hiding channels

You can hide channels in the channel list so that your TV skips the channels when you press **CH▲** and **CH▼**. You can still tune to the hidden channels by using the number buttons.

To hide channels:

- 1 Make sure that you have scanned for channels. For more information, see "Automatically scanning for channels" on page 24.
- 2 Press **MENU**. The on-screen menu opens.



- 3 Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens.



- 4 Press **▼** or **OK/ENTER** to access the menu.
- 5 Press **▲** or **▼** to highlight **Add/Skip Channels**, then press **OK/ENTER**. The channel list opens.



- 6 Press **▲** or **▼** to highlight the channel you want to hide, then press **OK/ENTER**. The check mark next to the channel disappears.

Note

To add a channel back to the list, highlight the channel, then press **OK/ENTER**. A check mark appears next to the channel.

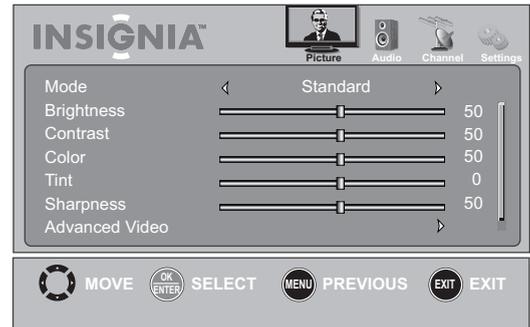
- 7 Press **EXIT** to close the menu.

Setting up a favorite channel list

You can create a favorite channel list to make it easier to tune to your favorite channels.

To set up a favorite channel list:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Favorites**, then press **OK/ENTER**. The channel list opens.



- 5 Press **▲** or **▼** to highlight the channel you want to add to the favorites channel list, then press **OK/ENTER**. A check mark appears next to the channel. You can add up to 50 channels to the list.

Note

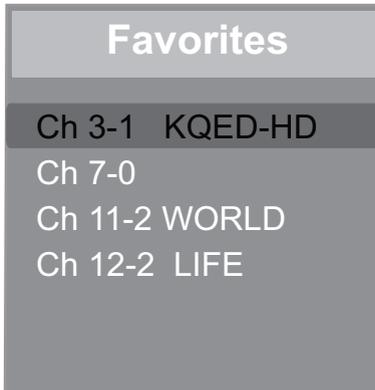
To remove a channel from the favorite channel list, highlight the channel, then press **OK/ENTER**. The check mark next to the channel disappears.

- 6 Press **EXIT** to close the menu.

Viewing a favorite channel

To view a favorite channel:

- 1 In TV mode, press **FAV**. The favorite channel list opens.



- 2 Press **▲** or **▼** to highlight the channel you want to watch, then press **OK/ENTER**.

Notes

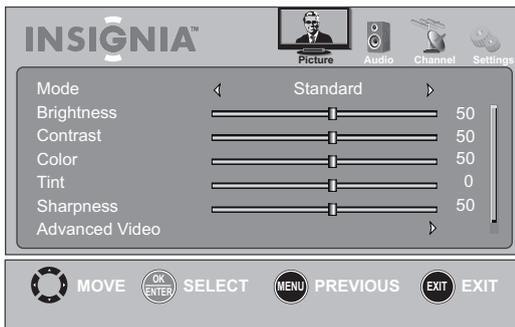
- If the list has more than one page, press **▲** or **▼** to scroll through the pages.
- If you have added a label to a channel, the label appears next to the channel number on the Favorites list. For information, see "Adding or changing a channel label" on page 26.

Adding or changing a channel label

You can add or change a channel label to make the channel easier to identify.

To add or change a channel label:

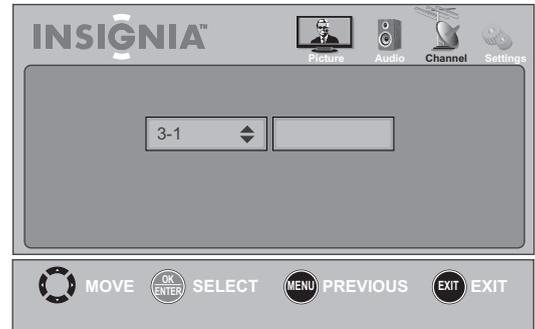
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Channel Labels**, then press **OK/ENTER**.



- 5 Press **▲** or **▼** to select the channel you want to label, then press **▶** to move to the label area.
- 6 Press **▲** or **▼** to select a character, then press **▶** to move to the next character. You can enter up to 11 characters.
- 7 When you have finished, press **OK/ENTER**. A confirmation message appears.



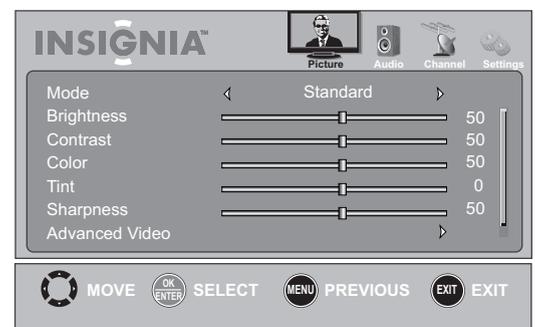
- 8 Press **◀** or **▶** to highlight **Yes**, then press **OK/ENTER**.
- 9 Repeat Step 5 through Step 8 to label another channel.
- 10 Press **EXIT** to close the menu.

Checking the digital TV channel strength

You can check the digital TV signal strength to determine if you need to adjust your antenna or digital cable input. The higher the signal strength, the less likely you are to experience picture degradation.

To check the digital TV channel strength:

- 1 Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Channel**. The *Channel* menu opens. The digital TV signal strength is indicated by the color bar beside the **Channel Strength** option.



- Press **EXIT** to close the menu.

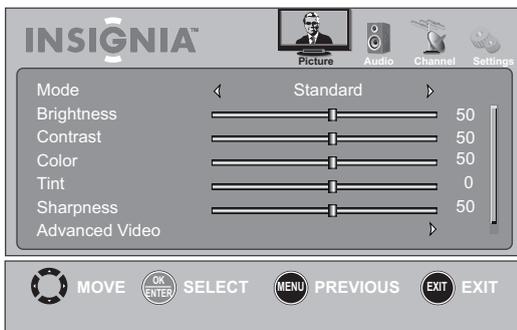
Setting parental controls

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 rating level you select. To watch programs that exceed the selected rating, you must enter a password.

Setting or changing the password

To set or change the password:

- Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.

- Press **▲** or **▼** to highlight **Parental Controls**, then press **OK/ENTER**. The *Enter Password* screen opens.



- If you are adding a password, use the number buttons to enter **0000**. If you are changing a password, enter the old password. If you have forgotten your password, enter **9999**. The *Parental Controls* sub-menu opens.



- Press **▲** or **▼** to highlight **Change Password**, then press **OK/ENTER**. The change password screen opens.
- If you are adding a password, enter **0000** as the old password. If you are changing a password, enter your old password.
- Enter your new password, then enter it again to confirm. The *Parental Controls* sub-menu re-opens.
- Press **EXIT** to close the menu.

Setting parental control levels

You can set parental control levels for the U.S. and Canada. The following procedure shows how to set controls for U.S. TV and movie ratings. You use similar steps for controlling Canadian TV ratings. Parental control settings are only applicable to programs that have a rating signal. If you prefer to block programs that have no rating signal, see "Blocking unrated TV" on page 29.

Ratings

U.S. movie (MPAA) ratings

These ratings are determined by the Motion Picture Association of America (MPAA).

None	Movie not rated
G	General audiences
PG	Parental guidance suggested

PG-13	Suitable for children 13 and older
R	Parental guidance suggested for children under 17
NC-17	Not suitable for children under 17
X	Adults only

U.S. TV ratings (age-based)

These ratings are determined by the Federal Communications Commission (FCC)

None	Not rated
TV-Y	All children
TV-Y7	Suitable for children 7 and older
TV-G	General audiences
TV-PG	Parental guidance suggested
TV-14	Parental guidance strongly suggested
TV-MA	Mature audiences only

U.S. TV ratings (content-based)

All	All ratings are blocked
FV	Fantasy violence
D	Suggestive dialog
L	Strong language
S	Sexual situations
V	Violence

Canadian English ratings

These ratings are based on the Canadian Home Video Rating System determined by the Canadian Motion Picture Distributors Association (CMPDA).

E	Exempt programming
C	Suitable for all children
C8+	Suitable for children 8 and older
G	General audiences
PG	Parental guidance suggested
14+	Suitable for children 14 and older
18+	Adults only

Canadian French ratings

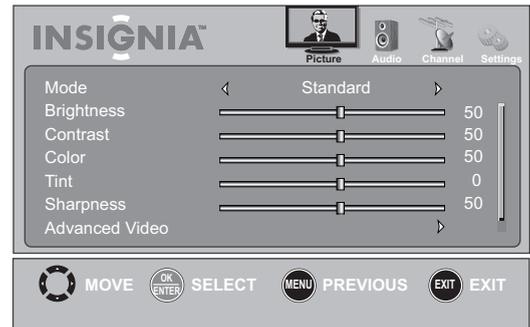
These ratings are based on the classification categories determined by La Régie du cinéma du Québec.

E	Exempt programming
G	General audiences
8 ans+	Suitable for children 8 and older
13 ans+	Suitable for children 13 and older

16 ans+	Suitable for children 16 and older
18 ans+	Adults only

To set parental control levels:

1 Press **MENU**. The on-screen menu opens.



2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.

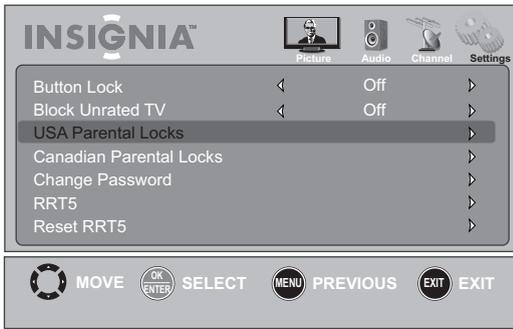


3 Press **▼** or **OK/ENTER** to access the menu.

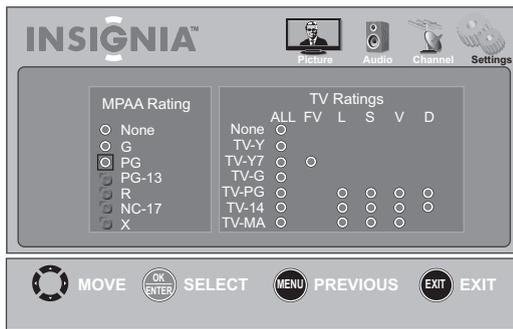
4 Press **▲** or **▼** to highlight **Parental Controls**, then press **OK/ENTER**. The *Enter Password* screen opens.



- Use the number buttons to enter your password. The *Parental Controls* sub-menu opens.



- Press **▲** or **▼** to highlight **USA Parental Locks**, then press **OK/ENTER**. (To set Canadian ratings, select **Canadian Parental Locks**.)



- Press **◀** or **▶** to highlight **TV Ratings** or **MPAA Rating**.
- For the MPAA rating, press **▲** or **▼** to highlight the rating you want to block, then press **OK/ENTER**. That rating and all other higher ratings are blocked. Lock icons appear next to all locked ratings.

OR

For TV ratings, press **▲▼◀▶** to highlight the rating you want to block, then press **OK/ENTER**. That rating and all other higher ratings are blocked.

Note

To unblock the ratings, select the blocked rating and press **OK/ENTER** to disable it, or select **None** and press **OK/ENTER** to disable all blocked ratings.

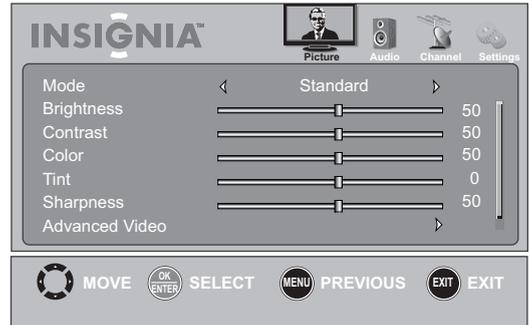
- Press **EXIT** to close the menu.

Blocking unrated TV

Not all TV programs have a rating signal. You can block all unrated programs from displaying on your TV.

To block unrated TV:

- Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.
- Press **▲** or **▼** to highlight **Parental Controls**, then press **OK/ENTER**. The *Enter Password* screen opens.



- Use the number buttons to enter your password. The *Parental Controls* sub-menu opens.



- Press ◀ or ▶ to highlight **Settings**. The *Settings* menu opens.



- Press ▲ or ▼ to highlight **Block Unrated TV**, then press ◀ or ▶ to select **On**.
- Press **EXIT** to close the menu.

- Press ▼ or **OK/ENTER** to access the menu.
- Press ▲ or ▼ to highlight **Parental Controls**, then press **OK/ENTER**. The *Enter Password* screen opens.

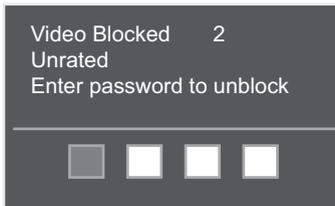


Viewing blocked content

You can temporarily cancel the parental control restriction you have placed on your TV.

To view blocked content:

- Tune to the blocked program you want to watch. A password entry box appears.



- Use the number buttons to enter your password. The program is unblocked.
- To turn parental controls back on, do one of the following:
 - Press **P-LOCK**.
 - Change channels
 - Change the video input source
 - Turn off your TV, then turn it back on.

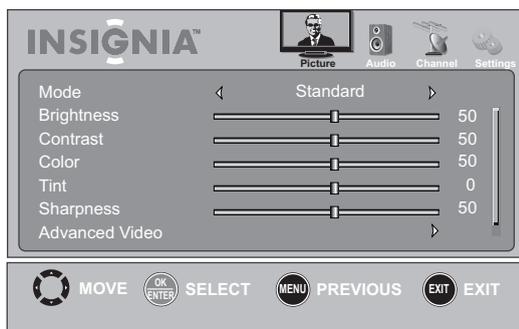
- Use the number buttons to enter your password. The *Parental Controls* sub-menu opens.



Downloading rating information

To download rating information:

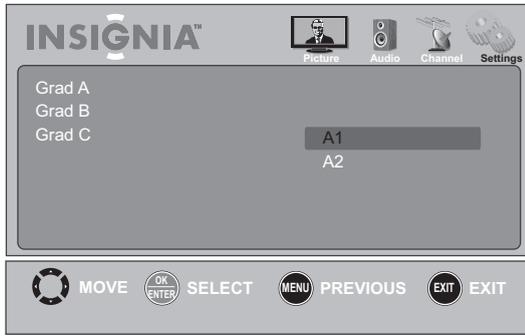
- Press **MENU**. The on-screen menu opens.



- Press ▲ or ▼ to highlight **RRT5**, then press **OK/ENTER**. The RRT5 screen opens.



- Press **▲** or **▼** to highlight a rating type, then press **OK/ENTER**. The settings screen for that rating type opens.



- Press **▲** or **▼** to highlight **Parental Controls**, then press **OK/ENTER**. The *Enter Password* screen opens.



- Press **▲** or **▼** to highlight a rating, then press **OK/ENTER** to enable or disable the rating. A lock icon indicates the rating is disabled.
- Press **EXIT** to close the menu.

- Use the number buttons to enter your password. The *Parental Controls* sub-menu opens.

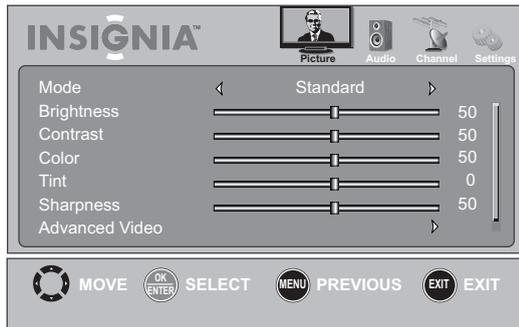


Locking control buttons

You can lock the TV control buttons on the left side of your TV. When the control buttons on your TV are locked, you can only operate the TV with the remote control.

To lock the TV control buttons:

- Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.

- Press **▲** or **▼** to highlight **Button Lock**, then press **◀** or **▶** to select **On**.
- Press **EXIT** to close the menu.

Using closed captioning

Closed captions (CC or subtitles) are intended to provide people who are hearing impaired with access to TV programs. However, this feature is also useful for viewers who are learning a new language, beginning to read, or in a noisy environment. As the picture is shown, text captions are displayed that transcribe speech and often other relevant sounds. Closed captioning availability and content depends on the broadcaster and may vary across programs in a channel.

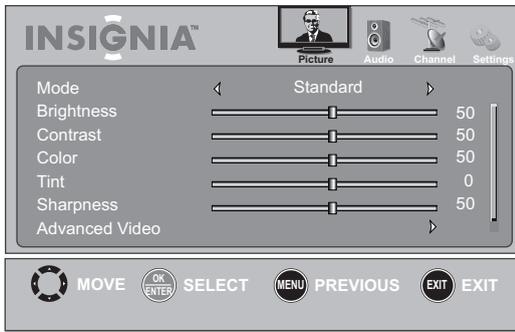
Turning closed captioning on or off

To turn closed captioning on or off with the remote control:

- Press **CCD** repeatedly to select the closed captioning mode you want. You can select:
 - CC Off**—Turns off closed captioning.
 - CC On**—Turns on closed captioning.
 - CC On Mute**—Turns on closed captioning when the sound is muted.

To turn closed captioning on or off with the on-screen menu:

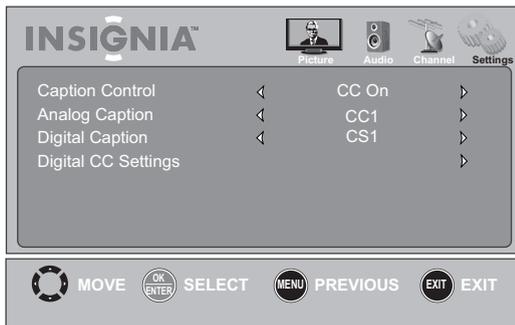
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Closed Caption**, then press **OK/ENTER**. The *Closed Caption* sub-menu opens.

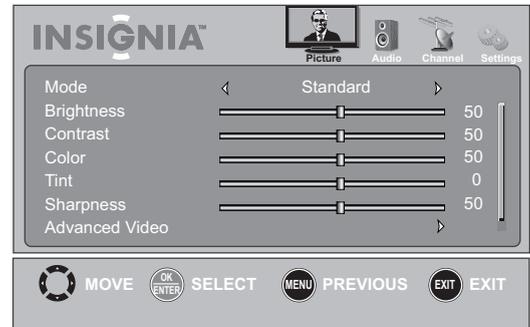


- 5 Press **▲** or **▼** to highlight **Caption Control**, then press **◀** or **▶** to select the closed caption mode. You can select:
 - **CC Off**—Turns off closed captioning.
 - **CC On**—Turns on closed captioning.
 - **CC On Mute**—Turns on closed captioning when the sound is muted.
- 6 Press **EXIT** to close the menu.

Selecting the closed captioning mode

To select the closed captioning mode:

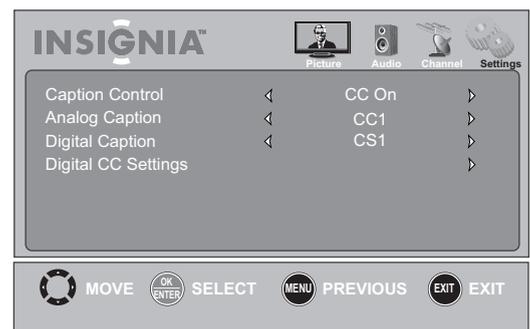
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Closed Caption**, then press **OK/ENTER**. The *Closed Caption* sub-menu opens.

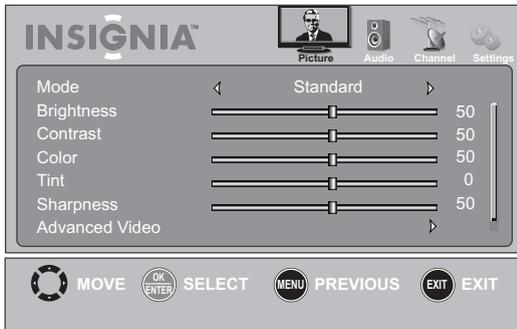


- 5 Press **▲** or **▼** to highlight **Analog Caption** or **Digital Caption**, then press **◀** or **▶** to select the mode you want.
- 6 Press **EXIT** to close the menu.

Customizing digital TV closed captioning styles

To customize digital TV closed captioning styles:

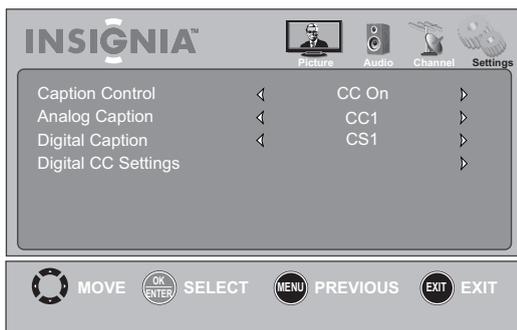
- 1 Press **MENU**. The on-screen menu opens.



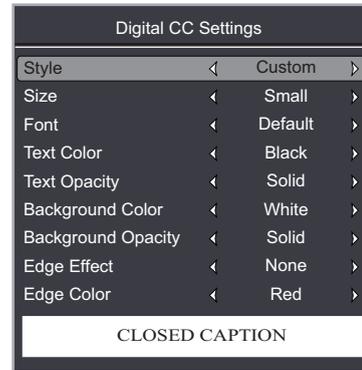
- 2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Closed Caption**, then press **OK/ENTER**. The *Closed Caption* sub-menu opens.



- 5 Press **▲** or **▼** to highlight **Digital CC Settings**, then press **OK/ENTER**. The *Digital CC Settings* screen opens.



- 6 Press **▲** or **▼** to highlight **Style**, then press **◀** or **▶** to select **Custom**.
- 7 Press **▲** or **▼** to highlight a style, then press **◀** or **▶** to adjust the style. You can select:
 - **Size**—Selects the font size.
 - **Font**—Selects the font style.
 - **Text Color**—Selects the color for the words.
 - **Text Opacity**—Selects the opacity level for the words.
 - **Background Color**—Selects the color for the background.
 - **Background Opacity**—Selects the opacity level for the background.
 - **Edge Effect**—Selects the edge style.
 - **Edge Color**—Selects the font edge color.

Note

- If you set the **Style** option to **Automatic**, you cannot change any of the styles.
- The **Text Color** and **Background Color** styles cannot have the same setting.

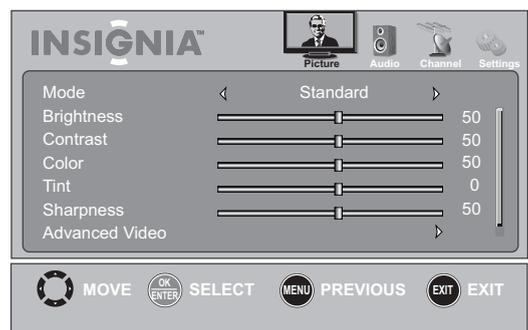
- 8 Press **EXIT** to close the menu.

Adjusting time settings

Manually setting the time and date

To manually set the time and date:

- 1 Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.
- Press **▲** or **▼** to highlight **Time**, then press **OK/ENTER**. The *Time* sub-menu opens.



- Press **▲** or **▼** to highlight **Mode**, then press **◀** or **▶** to select **Custom**.

Note

If you set **Mode** to **Auto**:

- The time is set automatically based on a digital TV signal.
- You can only change the **Time Zone** and **Daylight Savings** options. You cannot change any of the other options.

- Press **▲** or **▼** to highlight **Year**, **Month**, or **Day**, then press **◀** or **▶** to change the setting.
- Press **▲** or **▼** to highlight **Time**, then press **◀** or **▶** to select the hour, minute, or AM/PM. Press **▲** or **▼** to change the setting.
- Press **EXIT** to close the menu.

Setting the sleep timer

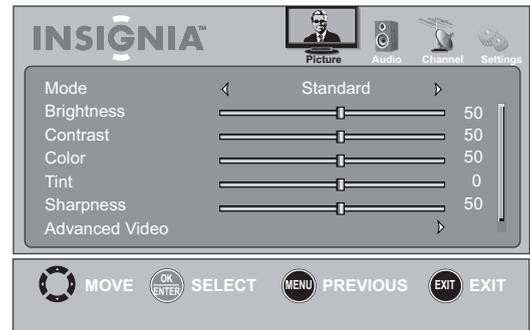
You can set the amount of time you want your TV to wait before it automatically turns off.

To set the sleep timer with the remote control:

- Press **SLEEP** until the setting you want is displayed.

To set the sleep timer with the on-screen menu:

- Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.
- Press **▲** or **▼** to highlight **Time**, then press **OK/ENTER**. The *Time* sub-menu opens.



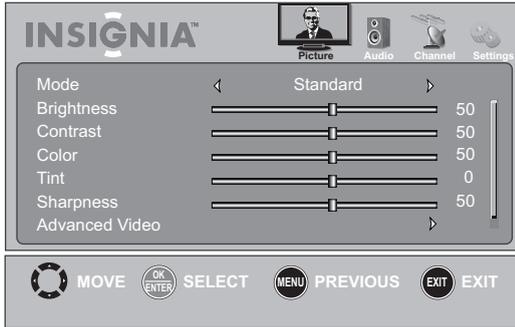
- Press **▲** or **▼** to highlight **Sleep Timer**, then press **◀** or **▶** to select the setting you want. To turn off the timer, select **Off**.
- Press **EXIT** to close the menu.

Adjusting menu settings

Selecting the menu language and transparency

To select the on-screen menu language and transparency:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Menu Settings**, then press **OK/ENTER**. The *Menu Settings* sub-menu opens.



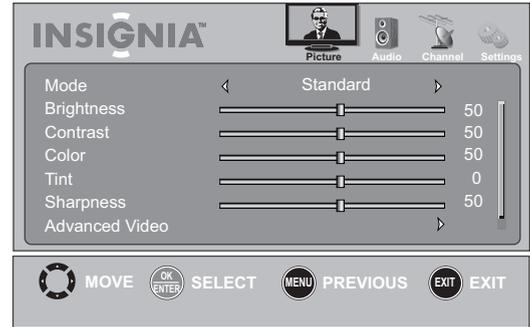
- 5 Press **▲** or **▼** to highlight **Language**, then press **◀** or **▶** to select the menu language you want. You can select **English**, **Français** (French), or **Español** (Spanish).
- 6 Press **▲** or **▼** to highlight **Transparency**, then press **◀** or **▶** to adjust the menu transparency. Pressing **◀** makes the menu more transparent. Pressing **▶** makes the menu more opaque.
- 7 Press **EXIT** to close the menu.

Labeling an input source

You can add a label to a video input source to make it easier to identify. These labels are displayed on the *Input Source* list and on the banner that appears when you press **INFO**.

To label an input source:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- 3 Press **▼** or **OK/ENTER** to access the menu.
- 4 Press **▲** or **▼** to highlight **Input Labels**, then press **OK/ENTER**. The input labels screen opens.



- 5 Press **▲** or **▼** to select the video input source you want to label, then press **▶** to move to the label area.
- 6 Press **▲** or **▼** to select the label you want for the video input source. You can select from a preset list of labels: – (default), **VCR**, **DVD**, **Set Top Box**, **Satellite**, **Cable Box**, **DVR/PVR**, **BD**, **HD**, **Game**, **Camcorder**, **Receiver**, **PC**, or **other**.

- Press **OK/ENTER**. A confirmation message appears.



- Press **◀** or **▶** to highlight **Yes**, then press **OK/ENTER**.
- Press **EXIT** to close the menu.

- Press **▲** or **▼** to highlight **Reset to Default**, then press **OK/ENTER**. A confirmation message appears.



- Press **◀** or **▶** to highlight **Yes**, then press **OK/ENTER**.
- Press **EXIT** to close the menu.

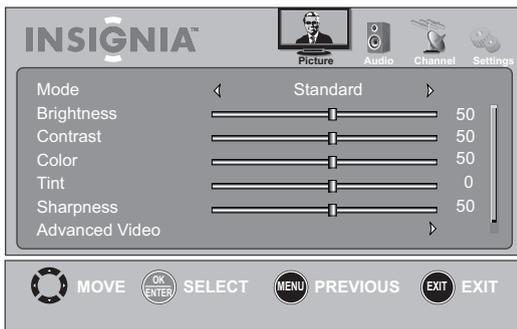
Restoring default settings

Caution

When you restore default settings, all the settings (except the password and parental rating) you have customized are reset.

To restore the default settings:

- Press **MENU**. The on-screen menu opens.



- Press **◀** or **▶** to highlight **Settings**. The *Settings* menu opens.



- Press **▼** or **OK/ENTER** to access the menu.

Troubleshooting

Warning

Do not try to repair your TV yourself. Refer all servicing to qualified service personnel.

Note

If the problem is not solved by using these troubleshooting instructions, turn off your TV, then turn it on again.

Video

Problem	Solution
No picture or sound (the screen is not lit)	<ul style="list-style-type: none"> Make sure that the power cord is plugged into a power outlet. Press ⏻ (power). Try another channel. The problem could be with the TV station. Press INPUT to change the video input source.
Dark, poor, or no picture (the screen is lit), but sound is good	<ul style="list-style-type: none"> Adjust the brightness. Make sure that the antenna or cable TV is connected correctly.
No color, picture is dark, or color is not correct	<ul style="list-style-type: none"> Adjust the color saturation.
Only noise (snow) appears on the screen	<ul style="list-style-type: none"> Make sure that the antenna or cable TV is connected correctly. Try another channel. The problem could be with the TV station.
Picture has dotted lines or stripes	<ul style="list-style-type: none"> Adjust the antenna. Move your TV away from noise sources, such as cars, neon signs, or hair dryers.
Picture has double images	<ul style="list-style-type: none"> Use a highly directional outdoor antenna or change to cable or satellite TV.
Picture has a few bright or dark dots	<ul style="list-style-type: none"> A few bright or dark dots on an LCD screen is normal. It does not affect the operation of your TV.

Audio

Problem	Solution
Good picture, no sound	<ul style="list-style-type: none"> Increase the volume. Press MUTE to make sure that the sound is not muted. Make sure that the audio mode is set to Stereo or Mono.
Audio noise or static	<ul style="list-style-type: none"> Move radio frequency communication equipment, such as a cordless phone, away from your TV.

Remote control

Problem	Solution
General remote control	
Remote control does not work	<ul style="list-style-type: none"> Make sure that there are no obstructions between the remote control and the remote control sensor on the front of your TV. Clean the remote sensor on the front of your TV. Bright or fluorescent lighting may interfere with the remote control signal. Turn off the light or move your TV. Replace the batteries. Make sure that the + and – symbols on the batteries align with the + and – symbols in the battery compartment.
Remote control code cannot be detected by a universal remote	<ul style="list-style-type: none"> Purchase a separate learning remote control. Go to www.insigniaproducts.com for a list of remote control codes.
Programmed remote control functions	
The LED does not blink when you press a button	<ul style="list-style-type: none"> Try pressing different buttons. The batteries may already be drained. Replace the batteries.
The LED blinks when you press a button but the device does not respond	<ul style="list-style-type: none"> Make sure the remote is aimed at your device and is not more than 40 feet (12.2 m) away.
The LED blinks one long blink while in SET mode	<ul style="list-style-type: none"> An entry error has occurred (for example, the wrong button was pressed). Try entering the sequence again.
When programming the remote control, the remote control does not control devices or commands are not working correctly	<ul style="list-style-type: none"> Try all listed codes for the device. Make sure the device operates with an infrared remote control.
No volume on a device	<ul style="list-style-type: none"> Make sure the volume is not already locked to a different mode.
Channels do not change correctly when directly entering numbers to change channels	<ul style="list-style-type: none"> If the original remote control required you to press ENTER to change channels, press OK/ENTER on your TV remote control after entering the channel number.

General

Problem	Solution
Cannot tune to one or more channels	<ul style="list-style-type: none"> The program you want to watch may be blocked through the parental controls. The channel may have been skipped from the channel list. You can tune to the channel by pressing the number buttons or you can add the channel back to the channel list.
Cannot access some items	<ul style="list-style-type: none"> If a setting or option is grayed out, it is not available in the current video input mode.
Password is lost	<ul style="list-style-type: none"> On the Parental Controls menu, enter 9999 for the password, then set a new password.
TV cabinet creaks	<ul style="list-style-type: none"> When you are using your TV, the temperature inside the cabinet increases. This causes the cabinet to expand or contract, which produces the creaking noise. This is not a malfunction.
Buttons do not work	<ul style="list-style-type: none"> Unplug the power cord for a few seconds, then plug it back in and turn on your TV. Make sure that the Button Lock option is set to Off.

Maintaining

Cleaning

Before cleaning the screen, unplug your TV from the power outlet.

Clean your TV with a soft, dry cloth. If surfaces are extremely dirty, use a soft cloth dampened with a weak detergent solution.

Use an eyeglass cleaner to clean the screen. Never use alcohol, paint thinner, or benzine.

Before using a chemically treated cloth, read the instructions that came with the cloth.

Do not spray insecticide liquid near your TV. Such chemicals may cause damage and discoloration to the exposed surfaces.

Servicing

Do not try to repair your TV yourself. There are no user-serviceable parts inside. Turn off your TV, unplug the power cord, then contact an authorized service center.

Specifications

Design and specifications are subject to change without notice. Dimensions and weight specifications are approximate.

LCD	<p>Panel: 31.5-inch active matrix full high definition TFT</p> <p>Resolution: 1366 × 768</p> <p>Color: 16.7 M</p> <p>Viewing angle: 178° horizontal 178° vertical</p> <p>Contrast ratio (typical): 3000 : 1</p> <p>Brightness (minimum): 350 nits</p> <p>Response time: 6.5 ms</p>
Dimensions (W × D × H)	<p>With stand: 30.72 × 8.27 × 21.95 in. (780.38 × 210 × 557.47 mm)</p> <p>Without stand: 30.72 × 4.3 × 19.98 in. (780.38 × 109.2 × 507.6 mm)</p>
Weight	<p>With stand: 20.7 lb. (9.4 kg)</p> <p>Without stand: 19.2 lb. (8.7 kg)</p>
TV	<p>Standard: NTSC and ATSC</p> <p>Tuning system: Electronic tuning system</p> <p>Frequency range: VHF and UHF</p> <p>CATV: 125 channels, QAM channels</p> <p>Compatibility: 480i, 480p, 720p, 1080i</p> <p>Input voltage: 120 VAC, 1.6A</p>
Power	<p>Consumption: < 130 W Off < 1 W</p>
Speaker output	8 W (two channels)
Service port	<p>Compliance: USB 2.0</p> <p>Device compatibility: USB flash drive</p>
Terminals	<p>Standard AV(composite): Video and audio L/R</p> <p>Component: Y, Pb, Pr, audio L/R</p> <p>HDMI IN: HDMI 1/DVI and HDMI 2</p> <p>VGA and audio input: VGA and VGA/DVI AUDIO IN</p> <p>Phone jack: Audio out (headphone)</p> <p>Audio Out: Analog audio output and digital audio SPDIF output</p> <p>Antenna: F type</p>
Image processor	Zoran ZR 39745
Operating temperature	59° to 95°F (15 to 35°C) (humidity < 75%)
Humidity	20 to 90% non-condensing (Ta < 35%)
Atmospheric pressure	0 to 2000 m

Manufacturers' codes

Audio amplifiers

Audio amplifiers	
Adcom	30577, 31100
Anthem	32220
Bose	30674
Carver	30892
Durabrand	31561
Elan	30647
GE	30078
Harman/Kardon	30892
JVC	30331
Left Coast	30892
Lennox	31561
Marantz	30892
McIntosh	30251
Modulaire	30395
NEC	30264
Optimus	30395, 30823
Philips	30892
Pioneer	30823
Polk Audio	30892
RadioShack	30395
RCA	30823
Realistic	30395
Shure	30264
Sony	30689, 30815
Soundesign	30078
Victor	30331
Wards	30078
Yamaha	30354, 30133

Audio accessories

Audio accessories	
Accurian	31106
Altec Lansing	30607, 31056
Apple	31115
Creative	30872
DLO	31155
GPX	32113
Griffin	31891
iDeck	31106
iHome	32152
iLive	32113
lmerge	31491
iPort	31917
Klipsch	31339
Marantz	31491
Memorex	32119
Monitor Audio	31106
Motorola	31464
Omnifi	31605
Roku	31828
Sonance	31917
Yamaha	31809, 31810, 32021

Audio receivers

Audio receivers	
ADC	30531
Adcom	30616
Aiwa	31405, 30189, 30121, 31089, 31388, 31641
Akai	30244, 31512
Alco	31390
AMC	31077
Amphion Media Works	31563
AMW	31563
Anam	31609, 31074
Anthem	31185
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Audiotronic	31189
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BK	30702
Bose	31229, 30639, 31253, 31629, 31841, 31933
Cairn	30189
Cambridge Soundworks	31370
Capetronic	30531
Carver	31189, 30189, 30121, 31089, 31289
Coby	31389
Curtis Mathes	30014
Daewoo	31250
Denon	31360, 30121, 31104, 31142, 31306, 32857
Emerson	30531
Fisher	31801
Garrard	30463
Grundig	30189
Harman/Kardon	30110, 30189, 30891, 31289, 31304, 31306, 32241
Hitachi	31273, 31801
iLive	32013
Inkel	30491
Insignia	31030, 31077, 31893, 32169, 32175
Integra	30135, 30842, 31298, 31320, 31805
iSymphony	32258
JBL	30110, 31306
JVC	31058, 30074, 31374, 31495, 31871, 32239
Kawasaki	31390
Kenwood	31313, 31570, 30077, 30186, 31027
KLH	31390, 31412, 31428
Koss	31366, 31497
Lexicon	31076
LG	31293, 32197
Linn	30189
Liquid Video	31497
Magnavox	31189, 31269, 30189, 30391, 30531, 31089, 31266, 31514
Marantz	31189, 31269, 30189, 30891, 31089, 31289
McIntosh	31289
Micromega	31189, 30189
Mitsubishi	31393
Musicmagic	31089
Myryad	31189
Nakamichi	31313, 30097, 31555
Norcent	31389

Audio receivers	
Nova	31389
Onkyo	30135, 30842, 31298, 31320, 31531, 31805, 31905
Optimus	31023, 30074, 30014, 30121, 30186, 30531, 31074
Oritron	31366, 31497
Outlaw	30391
Panasonic	31308, 31518, 30367, 31275, 31288, 31316, 31548, 31633, 31763, 31764
Philips	31189, 31269, 30189, 30391, 30891, 31089, 31266
Pioneer	31023, 30014, 30150, 30244, 30531, 30630, 31123, 31384, 31935
Polaroid	31508
Polk Audio	30189, 31289
Proscan	31254
RadioShack	31609
RCA	31023, 31609, 31254, 30531, 31074, 31123, 31390, 31511
Realistic	31609, 30121, 30186
Revox	30189
Rio	31869
Samsung	31295, 31304, 31500
Sangean	32165
Sansui	31189, 30189, 31089
Sanyo	31251, 31469, 31801
Sharp	30186, 31286
Sharper Image	31556
Sherwood	30491, 31077, 31653, 31905, 32169
Sherwood	Newcastle 32169
Sonic Blue	31869
Sonic Frontiers	31185
Sony	31058, 31441, 31258, 31759, 31622, 30474, 31158, 31406, 31558, 31658, 31758, 31822, 31858
Stereophonics	31023
Sunfire	31313
Teac	30463, 31074, 31390, 31528
Technics	31308, 31518, 31633
Thorens	31189
Toshiba	30135, 30842, 31123, 31788
Venturer	31390
Victor	30074
Wards	30189, 30014
XM	31406
Yamaha	31023, 30176, 30186, 30376, 31176, 31276, 31331, 31375, 31376, 31476, 31815, 32061
Zenith	30857, 31293

Cable converters	
Archer	00237
BCC	00276
Bell South	00899
British Telecom	00003
Century	00008
Cisco	01877, 00877, 01982
Clearmaster	00883
ClearMax	00883
Cool Box	00883
Coolmax	00883
Digeo	01187, 02187
Director	00476
Fosgate	00276
GE	00144
General Instrument	00476, 00810, 00276, 00003
Gibraltar	00003
GMI	00883
GoldStar	00144
Hamlin	00009, 00273
Hitachi	00003, 00008, 00009
i3 Micro	01602
Insight	00476, 00810
Jerrold	00476, 00810, 00276, 00003
Memorex	00000
Mitsubishi	00003
Motorola	01376, 00476, 00810, 00276, 01187, 01106, 01982
Multitech	00883
Myrio	01602, 01822
Nova Vision	00008
Novaplex	00008
Pace	01877, 00877, 00237, 00008, 01982
Panasonic	00000, 00008, 00144, 00107, 01982
Paragon	00000, 00008, 00525
Penney	00000
Philips	01305, 00317
Pioneer	01877, 00877, 00144, 00533
Pulsar	00000
Quasar	00000
RadioShack	00883
RCA	01256
Regal	00276, 00279, 00273
Runco	00000
Samsung	00003, 00144, 01982
Scientific Atlanta	01877, 00877, 00477, 00237, 00003, 00000, 00008, 01982
Sejin	01602
Sony	01006
Sprucer	00144
Starcom	00003
Supercable	00276
Supermax	00883
Thomson	01256

Cable converters

Cable converters	
A-Mark	00008, 00144
ABC	00237, 00003, 00008
Accuphase	00003
Acorn	00237
Action	00237
Active	00237
ADB	02586
Americast	00899
Amino	01602, 01822

Cable/PVR combos

Cable/PVR combos	
Americast	00899
Amino	01822
Cisco	01877, 01982
Digeo	01187, 02187
General Instrument	00810
Jerrold	00810
Motorola	01376, 00810, 01187, 01106, 01982
Myrio	01822
Pace	01877, 00237, 01982
Pioneer	01877
RCA	01256
Scientific Atlanta	01877, 01982
Sony	01006
Supercable	00276
Thomson	01256
Zenith	00899

CD players

CD players	
Acoustic Research	30420
Aiwa	30157
Arcam	30157
Audio Research	30157
Burmester	30420
Cairn	30157
California Audio Labs	30029
Cambridge Soundworks	30157
Carver	30157
Curtis Mathes	30032
Denon	30034
DKK	30000
DMX Electronics	30157
Fisher	30000
Garrard	30393, 30420
Genexxa	30032
Grundig	30157
Hafler	30173
Harman/Kardon	30100, 30157, 30173
Hitachi	30032
Inkel	30157, 30180
Integra	30101
JVC	30032, 30072
Kenwood	30626, 30000, 30029, 30028, 30190
KLH	31318, 31711
Krell	30157
Linn	30157
Magnavox	30157, 30038, 30274
Marantz	30626, 30029, 30157, 30038, 30180, 30435
Matsui	30157
McIntosh	30256, 30290, 30660
MCS	30029
Memorex	30000, 30032, 30420
Micromega	30157
Miro	30000
Mission	30157
Modulaire	30000, 30032, 30087, 30180, 30420
MTC	30420

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Myryad	30157
NSM	30157
Onkyo	31327, 30101
Optimus	30000, 30032, 30087, 30393, 30420
Panasonic	30029, 30388, 30752
Parasound	30420
Penney	30029
Philips	30626, 30157, 30274
Pioneer	31062, 30032, 31087
Polk Audio	30157
Proceed	30420
Proton	30157
QED	30157
Quad	30157
Quasar	30029
RadioShack	30000, 30032, 30180, 30420
RCA	31062, 30032, 30053, 30420
Realistic	30000, 30032, 30087, 30180, 30420
Revox	30157
Roksan	30435
Rotel	30157, 30420
SAE	30157
Sansui	30000, 30157
Sanyo	30000, 30087
Sharp	30180
Sherwood	30180
Sonic Frontiers	30157
Sony	30490, 30000, 30100, 31364, 30185
Sugden	30157
Sylvania	30157
Symphonic	30180
TAG McLaren	30157
Tandy	30032
Tascam	30393, 30420
Teac	30490, 30180, 30393, 30420
Technics	30029
Thule Audio	30157
Victor	30072
Wards	30032, 30157, 30053, 30087
Yamaha	30490, 30036, 31292
Yorx	30000

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DVD players	
3D LAB	20503, 20539
Accurian	20675, 21072, 21416
Advent	21016
Afreedy	20698
Aiwa	20641
Akai	20695, 20705, 20770, 20899, 21089
Alba	20672, 20717
Alco	20790
Allegro	20869
Amphion Media Works	20872
AMW	20872
Apex Digital	20533, 20672, 20717, 20755, 20794, 20796, 20797, 20830, 21004, 21020, 21056, 21061, 21100

DVD players	
Arrgo	21023
Aspire Digital	21168, 21407
Astar	21489
Audiovox	20717, 20790, 21041, 21071, 21072, 21121, 21122
Axion	21071, 21072
B & K	20655, 20662
BBK	21224
Bel Canto Design	21571
Blaupunkt	20717
Blue Parade	20571
Blue Sky	20695
Bose	21895, 22023
Brandt	20651
Broksonic	20695, 20868
California Audio Labs	20490
Celestial	21020
Centrex	20672, 21004
Cinea	20831
CineVision	20876, 20833, 20869
Citizen	21003, 20695, 21277
Clairtone	20571
Coby	20778, 21077, 21086, 21107, 21177
Craig	20831
Creative	20503, 20539
Curtis Mathes	21087
CyberHome	20816, 20874, 21023, 21024, 21117, 21129, 21502, 21537
Cytron	20705
Daewoo	20784, 20705, 20770, 20833, 20869, 21169, 21172, 21234, 21242
Dansai	20770
Daytek	20872
Decca	20770
Denon	20490, 20634, 22258
Denver	20778
Desay	21407
DigitalMax	21738
Digitrex	20672
Disney	20675, 21270
DiViDo	20705
Dual	20675, 21068, 21085
Durabrand	21127
DVD2000	20521
Electrohome	21003
Emerson	20591, 20675, 20821, 21268
Enterprise	20591
Entivo	20503, 20539
Enzer	20770
ESA	20821, 21268
Firstline	20651
Fisher	20670
Funai	20675, 21268, 21334
Gateway	21073, 21077, 21158
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Go Video	20573, 20744, 20717, 20715, 20741, 20783, 20833, 20869, 21044, 21075, 21099, 21158, 21304, 21730
Go Vision	21071, 21072

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GoldStar	20741, 20869
Goodmans	20790
Gradiente	20490, 20651
Greenhill	20717
Grundig	20539, 20705
Harman/Kardon	20582, 20702
Hello Kitty	20831
Hitachi	20573, 20664, 21247
Hiteker	20672
Humax	21500, 21588
iLo	21348
Initial	20717
Insignia	21268, 22620, 22609, 22288, 22510, 22255, 22150, 22095, 21830
Integra	20571, 20627, 21769
IRT	20783
JBL	20702
Jensen	21016
JMB	20695
JVC	20558, 20623, 20867, 21164, 21275, 21550
Kawasaki	20790
Kenwood	20490, 20534
KLH	20717, 20790, 21020, 21149
Kloss	20533
Koss	20651, 21061
Lasonic	20627, 20798
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Lennox 21127	
LG	20591, 20741, 20869
LiteOn	21058, 21158, 21416, 21440, 21656, 21738
Loewe	20511, 20741
Logix	20783
Magnasonic	20651, 20675
Magnavox	20503, 20539, 20646, 20675, 20821, 21268, 21354, 21506
Marantz	20503, 20539, 20675
McIntosh	21533, 21273
Medion	20651
Memorex	20695, 20831, 21270
Microsoft	20522, 22083
Minato	20752
Mintek	20839, 20717
Mitsubishi	21521, 20521
NAD	20741
Naiko	20770
NEC	20785, 20869
Nesa	20717
NexxTech	21402
Norcent	21003, 20872, 21107, 21265
Onkyo	20503, 20627, 21769
Oppo	20575, 21224
Optimus	20571
Oritron	20651
Palsonic	20672
Panasonic	20503, 20490, 20571, 20632, 20703, 21362, 21462, 21490, 21641, 21762
Philco	20675
Philips	20503, 20539, 20646, 20675, 20854, 21260, 21267, 21340, 21354, 22056, 22084

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PianoDisc	21024
Pioneer	20525, 20571, 20142, 20631, 20632, 21460, 21512, 21571
Polaroid	21020, 21061, 21086
Polk Audio	20539
Portland	20770
Presidian	20675, 21072, 21738
Prima	21016
Proceed	20672
Proscan	20522
ProVision	20778
Qwestar	20651
Radionette	20741
RadioShack	20571
RCA	20522, 20571, 20717, 20790, 20822, 21022, 21132, 21769
Realistic	20571
Reoc	20752
Rio	20869
Rotel	20623, 21178
Rowa	20823, 21004
Saba	20651
Sampo	20698, 20752
Samsung	20490, 20573, 20744, 20199, 20820, 20899, 21044, 21075
Sansui	20695
Sanyo	20670, 20675, 20695, 20873, 21334
Schneider	20783
Schwaiger	20752
Sensory Science	21158
Sharp	20630, 20675, 20752, 21256, 22250
Sharper Image	21117
Sherwood	20770, 21043, 21077
Sherwood Newcastle	21077
Shinasonic	20533, 20839
Slim Art	20784
Sonic Blue	20573, 20715, 20783, 20869, 21099
Sony	20533, 21533, 20864, 21033, 21070, 21431, 21516
Sova	21122
Superscan	20821
SVA	20717
Sylvania	20675, 20821, 21268
Symphonic	20675, 20821, 21268, 21334
Tatung	20770
Teac	20571, 20717, 20790
Technics	20490, 20703
Technika	20770
Terapin	21031
Tevion	20651
Theta Digital	20571
Thomson	20522, 20511
Tivo	21503, 21512, 21588
Toshiba	20503, 20573, 20539, 20695, 21045, 21154, 21503, 21510, 21588, 21769
Unimax	20770
Universum	20591
Urban Concepts	20503, 20539
US Logic	20839

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Venturer	20790
Vizio	21064, 21226
Xbox	20522, 22083
Yamaha	20490, 20539, 20545
Yamakawa	20872
Zenith	20503, 20591, 20741, 20869
Zeus	20784
Zoece	21265

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DVD players (Blu Ray and HD-DVD)	
Denon	22258
Insignia	22428, 22596, 20675
Integra	21769
LG	20741
Microsoft	22083
Onkyo	21769
Panasonic	21641
Philips	22084
Pioneer	20142
RCA	21769
Samsung	20199
Sharp	22250
Sony	21516
Toshiba	21769
Xbox	22083

DVD/PVR combos controlled by the DVD

DVD/PVR combos controlled by the DVD	
Go Video	21730
Humax	21500, 21588
LG	20741
Panasonic	20490
Philips	21340
Pioneer	20631, 21512
RCA	20522
Sharp	21256
Sony	21033, 21070
Sylvania	20675
Tivo	21512
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Home automation	
Accutek	31215
Amana	31716
Bionaire	30846, 31215, 31861
Da-Lite	31794
Draper	32190
Frigidaire	31333
GE	30240
GoldStar	31537
Holmes	31215
Kenmore	31537
Lasko	30846, 31890
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Lightolier	30184

Home automation

Lutron	30597, 30318, 31239, 31597
Marmitek	30167
One For All	30167
PCS	30184
RadioShack	30240
Screen Research	32097
Security System	30167
Sharper Image	30846
SmartLinc	30184
Universal	30167
Universal X10	30167
Whirlpool	31332
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RCA	00392, 00566, 01142, 00775, 00855, 00143, 01392, 01442
Samsung	01377, 01142, 01276, 01108, 01109, 01442, 01609
SKY	00099
Sony	00639, 01639, 01640
Star Choice	00869
Star Trak	00772, 00869
Thomson	00392, 00566
Tivo	01142, 01442, 01443, 01444
Toshiba	00749, 01749, 00790, 01285
UltimateTV	01392, 01640
Ultrasat	01806
Uniden	00722
Voom	00869
Zenith	01856

DVR/PVR Systems for satellite receivers
DVR/PVR systems for satellite receivers

AlphaStar	00772
Bell ExpressVu	00775, 01170
Chaparral	00216
Coolsat	01806
Crossdigital	01109
DirecTV	01377, 00392, 00566, 00639, 01639, 01142, 00247, 00749, 01749, 00819, 01856, 01076, 01108, 00099, 01109, 01392, 01414, 01442, 01443, 01444, 01609, 01640
Dish Network System	01505, 00775, 01170, 01775
Dishpro	01505, 00775, 01775
Echostar	01505, 00775, 01170, 01775
Expressvu	00775, 01775
Fortec Star	01821
Funai	01377
GE	00392, 00566
General Instrument	00869
GOI	00775, 01775
Hitachi	00749, 00819
Houston	00775
HTS	00775, 01775
Hughes Network Systems	01142, 00749, 01749, 01442, 01443, 01444
Humax	01790
Innova	00099
Jerrold	00869
JVC	00775, 01170, 01775
LG	01226, 01414
Magnavox	00722
McIntosh	00869
Mitsubishi	00749
Motorola	00869
Netsat	00099
Next Level	00869
Panasonic	00247, 00701
Pansat	01807
Philips	01142, 00749, 01749, 00775, 00819, 01076, 00722, 00099, 01442
Primestar	00869
Proscan	00392, 00566
RadioShack	00566, 00775, 00869

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TVs

A-Mark	10047, 10054
Accurian	11803
Accuscan	10047
Action	10030, 10873
Admiral	10047, 10054, 10017, 10051, 10093, 10463, 10180
Advent	10761, 10783, 10815, 10817, 10842
Adventuri	10000
Agna	10150
Aiko	10092
Akai	10060, 10812, 10702, 10030, 10145, 10056, 10672, 11675, 11676, 11935
Albatron	10700, 10843
Alfide	10672
Alleron	10030
Ambassador	10150, 10177
America Action	10180
American High	10000, 10060
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Amstrad	10171, 10177
Amtron	10000, 10180
Anam	10180
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Astar	11531, 11738
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Audiovox	10451, 10180, 10092, 10623, 10802, 10846, 10875, 11937, 11951, 11952
Aventura	10171
Axion	11937
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Beaumarck	10017, 10178, 10030
Belcor	10030
Bell & Howell	10054, 10154, 10093
BenQ	11032, 11212, 11315
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Bradford	10180
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Candle	10030, 10056
Capehart	10017, 10178, 10030, 10092
Carnivale	10030
Carver	10054
Celebrity	10000
Celera	10765
Changhong	10156, 10765, 10767, 10783
Cineral	10451, 10092
Citek	10047
Citizen	10054, 10000, 10451, 10463, 10180, 10060, 10030, 10171, 10092, 10056, 11935
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Classic	10030, 10092, 10056
Colortyme	10047, 10054, 10017, 10060, 10178, 10030
Commercial Solutions	11447, 10047
Concerto	10056
Conic	10178
Contec	10180
Craig	10180, 10171
Crosley	10054, 10000, 10180, 10030, 10171
Crown	10093, 10180, 10056, 10672
Crown Mustang	10672
Curtis Mathes	10047, 10054, 10154, 10000, 10051, 10451, 10093, 10180, 10060, 10702, 10178, 10030, 10145, 10166, 10056, 10466, 11147, 11347
CXC	10180
Cytron	11326
Daewoo	10451, 10178, 10092, 11661, 11756, 10623, 10661, 10672, 11755
Dayton	10092
Daytron	10178, 10030, 10092, 10056
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Denon	10145
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Dream Vision	11164
Dumont	10017, 10180, 10178
Durabrand	10463, 10180, 10178, 10171, 11034
Dwin	10093, 10720, 10774
Dynex	11463, 11780, 11785, 11810
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Electrograph	11623, 11755
Electrohome	10154, 10000, 10463, 10150, 10178, 10030, 10056
Emerald	10178, 10177
Emerson	10047, 10154, 10451, 10236, 10463, 10180, 10150, 10178, 10171, 10177, 10623, 11394, 11963
Emprex	11422
Envision	10030, 10813, 11365
Epson	10833, 10840
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Fisher	10054, 10154, 10000
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Fujitsu	10683, 10809, 10853
Funai	10000, 10180, 10171, 11271, 11963
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GE	11447, 10047, 10000, 10051, 10451, 10060, 10178, 10030, 11147, 11347
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Gibraltar	10017, 10000, 10030
Go Video	10886
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GoldStar	10047, 10054, 10178, 10030, 10056, 11154
Gradiente	10053, 10056
Grundig	10706, 10672, 10683
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Hallmark	10236, 10180, 10178
Hannspree	11348, 11351, 11745
Harley Davidson	10000, 10180, 10060, 10178, 10030
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Harvard	10180
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Initial	11603, 11990
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Inteq	10017, 10145
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Jutan	10030
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KEC	10180, 10060
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Magnavox	10047, 11454, 10054, 10154, 10000, 10250, 10051, 10180, 10060, 10030, 10171, 10092, 10706, 10802, 11198, 11254, 11365, 11755, 11866, 11963, 11990
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Memorex	10154, 10463, 10180, 10150, 10178, 10030, 10056
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Midland	10047, 10017, 10051, 10056
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Quartz	10150, 10178
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RadioShack	10047, 10154, 10180, 10150, 10178, 10030, 10056
RCA	11447, 10047, 10054, 10000, 10051, 10093, 10178, 12002, 11958, 11781, 11547, 11347, 11247, 11147, 11047, 10774, 10679, 10090
Realistic	10047, 10154, 10180, 10150, 10178, 10030, 10056
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Sanky	10060, 10030
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Sanyo	10047, 10054, 10154, 10000, 10463, 10171, 10088, 10799, 10893, 11142, 11755
Saville	10060
Sceptre	10878, 11217, 11360, 11599
Scotch	10178
Scott	10236, 10180, 10178, 10030, 10177, 11711
Sears	10047, 10054, 10017, 10154, 10000, 10156, 10051, 10093, 10060, 10053, 10178, 10030, 10171, 10166, 10056
Selec	11351
Sharp	10054, 10093, 10180, 10491, 10688, 10689, 10818, 10851, 11602
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Sole	10813, 11623
Sony	10017, 10154, 11100, 10000, 10150, 10053, 10834, 11685
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Superscan	10093, 10864
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Sylvania	10047, 10054, 10154, 10000, 10051, 10178, 10030, 10171, 10092, 10056, 11271, 11314, 11394, 11864, 11963
Symphonic	10000, 10180, 10178, 10171
Syntax	11144, 11240, 11331, 11610
Tandy	10093
Tatung	10000, 10051, 11756, 11286
Teac	10154, 10706, 10689
Technics	10054, 10250, 10051
Technovox	10030
Techview	10847, 12004
Techwood	10250, 10051, 10060, 10056
Teco	11040
Teknika	10054, 10463, 10180, 10150, 10060, 10178, 10092, 10056
Telecolor	10017
Telefunken	10702, 10056
Thomas	10047, 10178, 10056
Thomson	11447, 10047
TMK	10236, 10180, 10178, 10056, 10177
TNCi	10017
Tocom	10156
Toshiba	10154, 11256, 10156, 10150, 11265, 10060, 11145, 10145, 10166, 12006, 11935, 11704, 11656, 11635, 11524, 11356, 11164, 11156, 10845, 10832, 10822, 10650
Totevision	10051
Toyomenka	10178
Truetone	10250, 10051
TruTech	11723
TVS	10463
Ultra	10092
Universal	10047
Universum	10177
US Logic	11286
V	11756, 10864, 10885, 11755
Vector Research	10030
Victor	10053
Vidikron	10054, 11292, 11398, 11629
Vidtech	10178
Viewsonic	10857, 10864, 10885, 11330, 11578, 11627, 11640, 11755, 12014
Viking	10060
Viore	11684
Vizio	11756, 11758, 10864, 10885, 11755
Wards	10047, 10054, 10017, 10154, 10000, 10051, 10093, 10236, 10178, 10030, 10166, 10056, 10866, 11156
Waycon	10156
Welton	10178
Westinghouse	10000, 10451, 10885, 10889, 10890, 11282, 11577, 11712
White Westinghouse	10451, 10236, 10463, 10623, 10889
World	10451, 10236, 10463, 10180
Wyse	11365
XR-1000	10154, 10180, 10171

TVs	
Yamaha	10030, 10769, 10833, 10839, 11526
Yorx	10030
Zenith	10047, 10017, 10000, 10093, 10463, 11265, 10812, 10178, 10030, 11145, 10145, 10171, 10092

TV/DVD combination controlled by the DVD

TV/DVD combination controlled by the DVD	
Advent	21016
Akai	20695
Apex Digital	20830
Audiovox	21071, 21121, 21122
Axion	21071
Broksonic	20695
Citizen	20695
Emerson	20675, 21268
ESA	21268
Funai	21268
Go Vision	21071
Hitachi	21247
Insignia	21268
Jensen	21016
Magnavox	21268
Panasonic	21490
Philips	20854, 21260
Prima	21016
RCA	21022
Samsung	20899
Sansui	20695
Sova	21122
Sylvania	20675, 21268
Toshiba	20695

TV/DVD combination controlled by the TV

TV/DVD combination controlled by the TV	
Accurian	11803
Akai	11675, 11935
Audiovox	11937, 11951, 11952
Axion	11937
Broksonic	11935
Citizen	11935
Dynex	11810
Emerson	11394, 11963
ESA	11963
Funai	11963
iLo	11990
Initial	11990
Insignia	11963, 12002
LG	11993
Magnavox	11866, 11963, 11990
Maxent	11714
Mintek	11990
Panasonic	11941
Polaroid	11523, 11766, 12002
RCA	11958, 12002
Sansui	11935
Sova	11952
Sylvania	11394, 11864, 11963

TV/DVD combination controlled by the TV

Techview	12004
Toshiba	11524, 11635, 11935, 12006

TV/VCR combination controlled by the TV

TV/VCR combination controlled by the TV

America Action	10180
Audiovox	10180
Emerson	10236

TV/VCR combination controlled by the VCR

TV/VCR combination controlled by the VCR

Broksonic	20479, 21479
Citizen	21278
Curtis Mathes	21035
Daewoo	21278
Emerson	20479, 20593, 21278, 21479
Funai	20000
GE	20807, 21035, 21060
GoldStar	21237
Harley Davidson	20000
Hitachi	20000
LG	21037
Lloyd's	20000
Magnasonic	20593, 21278
Magnavox	20000, 20593, 21781
Memorex	20162, 21037, 21162, 21237, 21262
Mitsubishi	20807
Optimus	20162, 20593, 21162, 21262
Orion	20479, 21479
Panasonic	20162, 21035, 21162, 21262
Penney	21035, 21237
Quasar	20162, 21035, 21162
RadioShack	20000, 21037
RCA	20807, 21035, 21060
Samsung	21014
Sansui	20000, 20479, 21479
Sears	20000, 21237
Sony	20000, 21232
Sylvania	21781
Symphonic	20000, 20593
Thomas	20000
Toshiba	20845, 21145
Zenith	20000, 20479, 21479

TV/VCR/DVD combination controlled by the DVD

TV/VCR/DVD combination controlled by the DVD

Akai	20899
Broksonic	20868
Emerson	20821
ESA	20821
Funai	21334
Magnavox	20821
Panasonic	21362, 21462
RCA	21132
Sharp	20630
Superscan	20821
Sylvania	20821
Symphonic	20821

TV/VCR/DVD combination controlled by the DVD

Toshiba	21045
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TV/VCR/DVD combination controlled by the VCR

TV/VCR/DVD combination controlled by the VCR

Sharp	20807
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VCRs

VCRs	
A-Mark	20037, 20000, 20046
ABS	21972
Accurian	20000
Admiral	20060, 20048, 20039, 20209, 20479
Adventura	20037, 20000
Aiwa	20037, 20000
Alba	20209
Alienware	21972
Allegro	20039
American High	20035, 20081
Amstrad	20000
Astra	20035
Audiovox	20037, 20038
Avis	20000
Bell & Howell	20035, 20048, 20039, 20000, 20046, 20479
Broksonic	20184, 20121, 20209, 20479, 21479
Calix	20037
Candle	20037, 20038
Canon	20035
Carver	20035, 20081
Citizen	20035, 20037, 20000, 20209, 20479, 21278
Classic	20037
Colortyme	20060, 20035, 20045
Colt	20000
Craig	20037
Criterion	20000
Crosley	20035, 20081, 20000, 20149
Curtis Mathes	20060, 20035, 20162, 20000, 21035
CyberPower	21972
Daewoo	20037, 20045, 20046, 21278
Daytron	20037
Dell	21972
Denon	20081, 20042
DirecTV	20739
Dual	20000
Durabrand	20039, 20038
Dynatech	20000
Electrohome	20060, 20037, 20000, 20043, 20209
Electroponic	20037
Emerald	20184, 20121
Emerex	20032
Emerson	20037, 20184, 20000, 20121, 20043, 20209, 20479, 20593, 21278, 21479, 21593
Fisher	20039, 20000, 20046
Fuji	20035, 20033
Fujitsu	20000
Funai	20037, 20000, 20593, 21593
Garrard	20000
Gateway	21972

VCRs	
GE	20060, 20035, 20048, 20000, 20149, 20807, 21035, 21060
Gemini	20060
Genexxa	20037, 20000
Go Video	20614
GoldStar	20035, 20037, 20039, 20000, 20038, 21237
Goodmans	20037, 20081, 20000
Gradiente	20000
Granada	20081, 20042
Grundig	20081
Harley Davidson	20000
Harman/Kardon	20081, 20038
Headquarter	20046
Hewlett Packard	21972
HI-Q 20035,	20000
Hitachi	20035, 20037, 20045, 20000, 20042, 20089
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739
Humax	20739
Hush	21972
HYTEK	20000
iBUYPOWER	21972
Instant Replay	20035
Jensen	20067
JVC	20067, 21162
KEC	20037
Kenwood	20067, 20038, 20046
Kodak	20035, 20037
KTV	20000
LG	20037, 20038, 21037
Linksys	21972
Lloyd's	20000, 20038
Loewe	20081
Logik	20000
Luxor	20046
LXI	20037, 20000, 20042, 20067
Magnasonic	20037, 20000, 20593, 21278
Magnavox	20035, 20037, 20048, 20039, 20081, 20000, 20149, 20563, 20593, 20618, 21593, 21781
Marantz	20035, 20081, 20038
Marta	20037
Matsui	20037, 20209
Matsushita	20035, 20162, 20081, 21162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20000, 20209, 20046, 20479, 21037, 21162, 21237, 21262
Metz	20037
MGA	20060, 20043
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20060, 20048, 20000, 20042, 20067, 20043, 20807
Motorola	20035, 20048
MTC	20000
MTX	20000

VCRs	
Multitech	20039, 20000
NEC	20067, 20038
Nikko	20037
Nikkodo	20037
Niveus Media	21972
Northgate	21972
Olympus	20035, 20162
Optimus	21062, 20035, 20162, 20037, 20048, 20000, 20593, 21162, 21262
Orion	20184, 20000, 20121, 20209, 20479, 21479
Panama	20035
Panasonic	21062, 20035, 20162, 20000, 20225, 20614, 20616, 21035, 21162, 21262 Penney 20035, 20162, 20037, 20081, 20000, 20042, 20067, 20038, 21035, 21237
Pentax	20042
Philco	20035, 20081, 20000, 20209, 20479
Philips	20035, 20162, 20048, 20081, 20045, 20000, 20209, 20616, 20618, 20739, 21081, 21181
Pilot	20037
Pioneer	20162, 20081, 20042, 20067
Polk Audio	20081
Presidian	21593
Proscan	20060, 21060
Protec	20000
Pulsar	20039
Quarter	20046
Quartz	20035, 20046
Quasar	20035, 20162, 21035, 21162
RadioShack	20035, 20162, 20037, 20048, 20000, 20046, 21037, 21162
Radix	20037
Randex	20037
RCA	20060, 20035, 20048, 20045, 20000, 20042, 20149, 20807, 20880, 21035, 21060
Realistic	20035, 20162, 20037, 20048, 20000, 20121, 20046, 21162
ReplayTV	20614, 20616
Ricavision	21972
Runco	20039
Samsung	20060, 20045, 20000, 20038, 20739, 21014
Sanky	20048, 20039
Sansui	20000, 20067, 20209, 20479, 21479
Sanyo	20000, 20046, 20479
Scott	20184, 20045, 20121, 20043
Sears	20060, 20035, 20162, 20037, 20048, 20039, 20033, 20045, 20000, 20042, 20067, 20043, 20209, 20046, 21237
Sharp	20048, 20032, 20000, 20807, 20848
Shintom	20039, 20000
Siemens	20037
Signature	20060, 20035, 20037, 20048, 20000, 20149, 20046, 20479
Singer	20037
Sonic Blue	20614, 20616
Sonographe	20046
Sony	20035, 20032, 20033, 20000, 20067, 20046, 20636, 21032, 21232, 21972
Soundmaster	20000
Stack 9	21972
STS	20042

VCRs	
SV2000	20000
SVA	20000
Sylvania	20035, 20081, 20000, 20043, 20593, 21593, 21781
Symphonic	20000, 20593, 21593
Systemax	21972
Tagar Systems	21972
Tandy	20000
Tashiko	20037
Tatung	20048, 20081, 20000, 20067
Teac	20000, 20067
Technics	20035, 20162, 20037, 20000
Teknika	20035, 20037, 20000
Tevion	20479
Thomas	20000
Thomson	20060
Tivo	20618, 20636, 20739, 21996
TMK	20000
TNIX	20037
Toshiba	20045, 20000, 20043, 20209, 20845, 21008, 21145, 21972, 21996
Totevision	20037
Touch	21972
Trix	20037
Ultra	20045
Vector	20045
Vector Research	20184, 20038
Victor	20067
Video Concepts	20045
Videomagic	20037
Videosonic	20000
Viewsonic	21972
Villain	20000
Voodoo	21972
Wards	20060, 20035, 20037, 20048, 20081, 20033, 20045, 20000, 20042, 20043, 20038, 20149, 20046, 20479
Wharfedale	20593
White Westinghouse	20000, 20209, 20479
World	20209, 20479
XR-1000	20035, 20000
Yamaha	20038
Zenith	20037, 20039, 20033, 20000, 20209, 20479, 21479
ZT Group	21972

Video Accessories	
Digital Stream	02303
Epson	01563
Gateway	01272
Hewlett Packard	01272, 01267
Howard Computers	01272
HP	01272, 01267
Hush	01272
iBUYPOWER	01272
Insignia	01415
KoolConnect	01481
LG	01415
Linksys	01272, 01365
Media	Center PC 01272
Microsoft	01272, 02049
Mind	01272
Motorola	00858, 01363, 01998
Netgear	02036
Niveus Media	01272
Northgate	01272
Panasonic	01120
Pioneer	01010
Ricavision	01272
Roku	01486
Samsung	01190, 01490
Scientific Atlanta	00858
Sensory Science	01126
Sharp	01010
SMC	01456
Sony	01272, 01324, 01364
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SureWest	01481
Sylvania	01563
Systemax	01272
Tagar Systems	01272
Toshiba	01272
Touch	01272
Viewsonic	01272, 01329
Vizio	01126
Voodoo	01272
VUDU	02298
Xbox	02049
Zenith	01415
ZT Group	01272

Video Accessories

Video Accessories	
2Wire	02045
ABS	01272
Access HD	02185
Accurian	01653
Alienware	01272
Amino	01481
AT&T	00858, 02045
Buffalo	01739
CASTi	02305
CyberPower	01272
D-Link	01554, 01731, 02186

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product 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 within 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.

FCC warning

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

DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

RSS 310 statement

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003. Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

HDMI



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Energy Star



To meet Energy Star requirements, keep TV settings at the factory default settings.

Two-year limited warranty

US and Canada Markets

Definitions:

Insignia Products ("Insignia") warrants to you, the original purchaser of this new Insignia-branded television ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of two (2) years from the date of your purchase of the Product ("Warranty Period"). For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy or Future Shop authorized dealer of Insignia brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy or Future Shop retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best Buy or Future Shop store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy or Future Shop online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 37 inches or larger, in the United States call 1-888-BESTBUY, Canada call 1-866-BESTBUY for Future Shop call 1-800-663-2275. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair technician dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States and Canada at Best Buy or Future Shop branded retail stores or websites.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product

- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

Distributed by Best Buy Purchasing, LLC

7601 Penn Avenue South, Richfield, Minnesota, U.S.A.

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Mexico Market

{RETAILER SEAL}

PLACE STICKER OF PRODUCT MAKE & MODEL HERE
DATE OF
PURCHASE: _____

Definitions:

Insignia Products ("Insignia") warrants to you, the original purchaser of this new Insignia-branded television ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of two (2) years from the date of your purchase of the Product ("Warranty Period"). For this warranty to apply, your Product must be purchased in Mexico from a Best Buy authorized dealer of Insignia brand products only that are packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location and your television Product has a screen size of less than 37 inches, please take your original receipt and the Product to any Best store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy a online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 37 inches or larger, in Mexico call 01 800-433-5778. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair technician dispatched to your home.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in Mexico at a Best Buy branded retail store or website.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as power surges
- Accident(s)
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-800-926-3000

www.insigniaproducts.com

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Best Buy Mundo E

Boulevard Manuel Avila Camacho 1007

Periferico Norte Santa Monica

Col. San Lucas Tepetlalcayo

INSIGNIA™

If the power cord has been damaged, it should be replaced by the manufacturer, your service provider or qualified personnel to avoid risks.

Si el cordón de alimentación es dañado, este debe ser remplazado por el fabricante o su agente de servicio o por personal calificado para evitar el riesgo.

www.insigniaproducts.com
US & Canada: 1 (877) 467-4289
Mexico: 01 (800) 926 - 3000

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Se incluye el manual. Favor de leer este manual antes de usar el producto.

Para el Soporte técnico de Insignia en México, favor llame al: <http://www.insigniaproducts.com>



ENGLISH
10-0760