



# VIZIO RP56

56inch DLP Rear Projection HDTV

## *User's Guide*



Setting Up

Troubleshooting



WHERE VISION MEETS VALUE!

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# 1 Introduction

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## Features

- Huge 56-inch screen.
- HDTV 16:9 Aspect Ratio.
- Only 18.9 inches / 480 mm deep.
- 75.9 lbs/34.5kg light.
- Bright flicker free picture.
- 480P, 720P, 1080I and HDTV signal compatibility.
- 480i support for old NTSC television.
- 640x480 VGA, 800x600 SVGA, 1024x768 XGA computer signal compatibility.
- When displaying film-based media the TV automatically converts the content using 2:3 Pull Down to minimize motion artifacts to produce a stunning picture.
- Uses DCDi™ Motion Adaptive Deinterlacing for state-of-the-art conversion of interlaced (NTSC or 1080i HD) to progressive scan.
- DVI input with HDCP for the best display of Digital Video from components such as the VINC award winning Bravo Multi-Media Player that is recognized as providing the best picture from DVD and CD.
- High-bandwidth Digital Content Protection (HDCP) will be used for HD Programs and Movies and the HDTV needs this feature to be able to display the picture.
- Two HD Component Video inputs automatically synchronize to the input.
- Compatible with HDTV from an external HDTV box with DVI, RGB or Component Video outputs.
- Picture-In-Picture (PIP) modes allow simultaneous display of multiple programs.
- Digital Zoom to make the picture fill the screen. The 16:9 aspect of HDTV translates to a ratio of 1.77 but widescreen movies are filmed at a ratio of 2.35 and this is the reason there are still black bars at the top and bottom of the HDTV screen when playing widescreen DVD's. Using Digital Zoom can eliminate these black bars although the edges of the picture will be lost.
- BBE® sound processor to maximize the sound quality.
- Simulates surround sound with just the two built-in speakers using the SRS® sound processor.
- Selectable fixed Line Out or variable audio output.
- Built-in 15W per channel audio amplifier and speakers.
- OSD menu-driven on screen control system that makes image adjustments a snap.

## Important Safeguards

- Read all the Safety Instructions and the User Manual before using the DLP TV. Keep these instructions in a safe place for future reference.
- To avoid the risk of electric shock or component damage, switch off the power before connecting other components to the DLP TV.
- Unplug the power cord before cleaning the DLP TV. A damp cloth is sufficient for cleaning the DLP TV. Do not use a liquid or a spray cleaner for cleaning the product. Do not use abrasive cleaners.
- Always use the accessories recommended by the manufacturer to insure compatibility.
- When moving the DLP TV from an area of low temperature to an area of high temperature, condensation may form on the housing. Do not turn on the DLP TV immediately after this to avoid causing fire, electric shock or component damage. Do not use the DLP TV near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
- Do not place the DLP TV on an unstable cart, stand, or table. If the DLP TV falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the DLP TV.
- A distance of at least 3 feet should be maintained between the DLP TV and any heat source, i.e. radiator, heater, oven, amplifier etc.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the DLP TV and to protect it from overheating, be sure these openings are not blocked or covered. Do not place the DLP TV on a bed, sofa, or similar surface. Do not place the DLP TV near or over a radiator or heat register. Do not place the DLP TV in a bookcase or cabinet unless proper ventilation is provided.
- Never push any object into the slot on the DLP TV cabinet. It could short circuit parts causing a fire or electric shock. Never spill liquids on the DLP TV.
- The DLP TV should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- The power cable must be replaced when using different voltage from that specified in the User Manual. For more information, contact your dealer.
- The DLP TV is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or use an adapter to ground the appliance safely. Do not defeat the safety purpose of the grounded plug.
- Unplug the unit during a lightening storm or when it will not be used for long period of time. This will protect the DLP TV from damage due to power surges.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- The wall socket shall be installed near the equipment and shall be easily accessible.
- Do not attempt to repair or service the product yourself. Opening or removing the back cover may expose you to high voltages, the risk of electric shock, and other hazards. If repair is required, please contact your dealer and refer all servicing to qualified service personnel.
- If any of the following occurs please contact the dealer:
  - The power supply or connector fails.
  - Liquid sprays or any object drops into the DLP TV.
  - The Display is exposed to rain or other moisture.
  - The Display is dropped or damaged in any way.
  - The performance of the Display changes substantially.
- Operating environment:
  - Temperature: 32°F~104°F (0°C ~ 40°C)
  - Humidity: 20% to 85% non-condensing
- Handling the remote control
  - Do not drop or mishandle the remote control.
  - Do not get the remote control wet. If the remote control gets wet, wipe it dry immediately.
  - Avoid heat and humidity.
  - When not using the remote control for a long period, remove the batteries.
  - Do not take the batteries apart, heat them, or throw them into a fire.

## Package Contents

V, Inc Rear Projection DLP TV.



Power cord.



Universal Remote control with two AA batteries.



PIP Remote Control with two AAA batteries.



This User Guide.



## Front Panel Controls

### Lamp Status LED

Displays the status of the lamp of your DLP TV.

### Power LED

Lights green when powered on.

### Power

Switch the TV on by pressing the button once. To turn off the TV press the button twice; the first time the button is pressed a message will appear on the screen warning that the second button press will power-off the TV.

### Input

Repeated pressing of this button steps through the input sources in a circulatory sequence. Once you have selected all of the inputs you will return to the input you started at.

### Menu and Exit

Pressing this button activates the On Screen Display (OSD) and shows the Main Menu. Pressing this button again exits (closes) the OSD.

### OK

Pressing this button activates the OSD and shows the Main Menu.

### Channel +/- and Adjustment ▲/▼

Step up (+) or down (-) through TV channels. While the OSD is active, these function as adjustment buttons to select OSD options.

### Volume +/- and Adjustment ►/◄

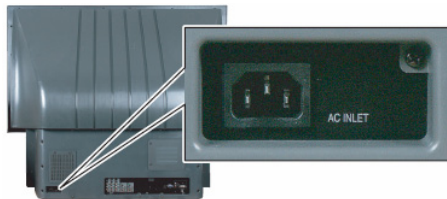
Increase (+) or decrease (-) the speaker volume. While the OSD is active, these function as adjustment buttons to adjust the OSD options.

### Remote Control Sensor

Point the Remote Control here as this is the window through which all of the remote signals pass to reach the remote sensor.

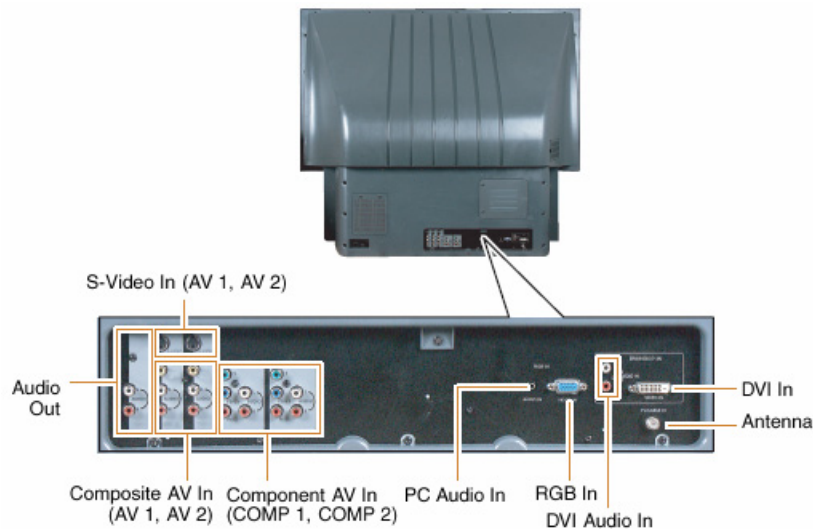


## Rear Panel Connections



### AC Input Socket

Connect one end of the power cord here and connect the other end of the power cord to a wall socket.



### S-Video Connectors

Connect to a VCR, DVD player, satellite or cable box.

### Audio Out Connectors

Connect to an AV or Home Theater receiver.

### Composite AV Connectors

Connect to a VCR or DVD player.

### Component AV Connectors

Connect to a DVD player or set-top box.

### PC Audio Connector

Connect the audio from a computer or set-top box.

### RGB Connector

Connect the video from a computer or set-top box.

### DVI Audio Connectors

Connect the audio from a DVD Multimedia Player, computer or set-top box.

### Antenna Connector

Connect a VHF/UHF antenna or cable TV.

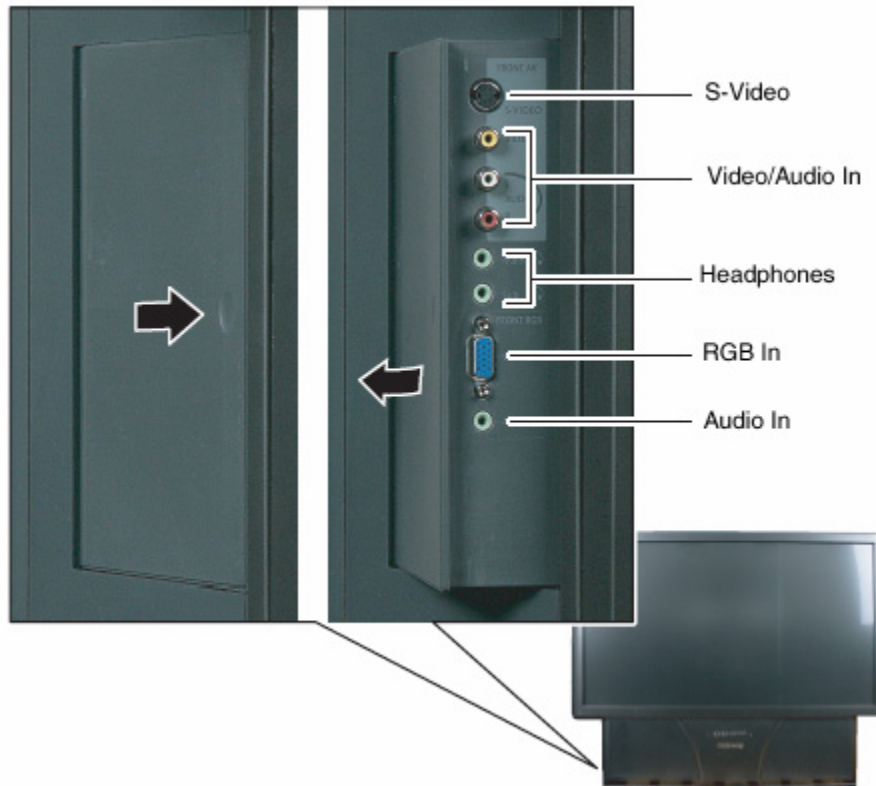
### DVI Connector

Connect a DVD Multimedia Player, computer or set-top box.



## Side Connections

Looking at the front of the DLP, there is a door on the lower left side near the front. Gently press on this door near the front and it will swing open revealing the input connections that are accessible from the front. To close again, gently push the door all the way closed until latches (clicks) shut.



### **S-Video**

Connect to a video camcorder.

### **Video/Audio In**

Connect to audio/video equipment such as a video camcorder or digital camera.

### **Headphones**

Connect your headphones to MAIN to listen to the audio for the main picture; the built-in speakers are turned off when you insert your headphone stereo mini jack plug into here.

Connect your headphones to SUB to listen to the audio for the PIP sub picture.

### **RGB In**

Connect to your laptop computer.

### **Audio In**

Connect to the audio output of your laptop computer.

## Universal Remote Control

The Universal Remote Control is a comprehensive remote that can be used to control up to eight different components. For ease of use with minimal room lighting the Remote Control has a back light that illuminates all of the buttons when any button is pressed. The light will automatically go off a few seconds after the last button press. The Remote Control button functions are explained below.

### Remote LED

Blinks when the Remote Control is being programmed or sending a command to your DLP TV.

### SETUP

Starts all programming sequences.

### POWER

Turns on or off your DLP TV or other selected component.

### Component buttons

You can program these buttons to select the components you wish the Remote Control to operate.

**TV** is pre-programmed to operate your DLP TV.

**DVD** selects a programmed DVD Player

**VCR** selects a programmed VCR.

**TV2** selects a second programmed TV.

**CBL/SAT** selects a programmed cable or satellite set-top box.

**AMP** selects a programmed receiver.

**CD** selects a programmed CD Player.

**AUX** selects a programmed component.

### Number Pad

Use these buttons to select a TV channel directly by the channel number or enter the password.

Examples:

For channel 20 press the '2' button and then the '0' button.

For channel 7 press the '7' button and wait about five (5) seconds; if you do not want the wait five seconds, press the '0' button and then the '7' button.

For channels higher than 99 press the '100' button first.

The **Mute** button turns the sound off or on.

### VOL+ & VOL-

Increase (+) or decrease (-) the sound level from the speakers.

### LAST

Switch to the last TV channel viewed.

### SLEEP

Activate the Sleep Timer.

### INPUT

Change the input source.

### CH+ & CH-

Change the TV Channel.



## WIDE

Cycle through standard and widescreen viewing modes or access a programming guide such as the one that comes with a satellite dish setup. GUIDE does not work in TV mode.

## EXIT

Exit the OSD, component or guide menus.

▲, ▼, ◀, ▶

Use these buttons to navigate the OSD menus.

## OK

Confirm an action, like an Enter button.

## INFO

Display the current status of the video source, audio (and channel number when in TV mode), on the screen of your DLP TV.

## MENU

Activates the OSD Menu.

### POSITION / ◀◀

Move the PIP window.

When chosen with one of the Component buttons, tells the VCR, CD or DVD player to rewind.

### PIP / ▶

Turn on or off the PIP (Picture In Picture) or POP (Picture On Picture) mode.

When chosen with one of the Component buttons, tells the VCR, CD or DVD player to play.

### SWAP / ▶▶

Swap the main picture and sub picture when the PIP or POP mode is on.

When chosen with one of the Component buttons, tells the VCR, CD or DVD player to fast forward.

### CC / ●

Turn on or off Closed Caption.

When chosen with the VCR button, tells the VCR to record.

### STYLE / ■

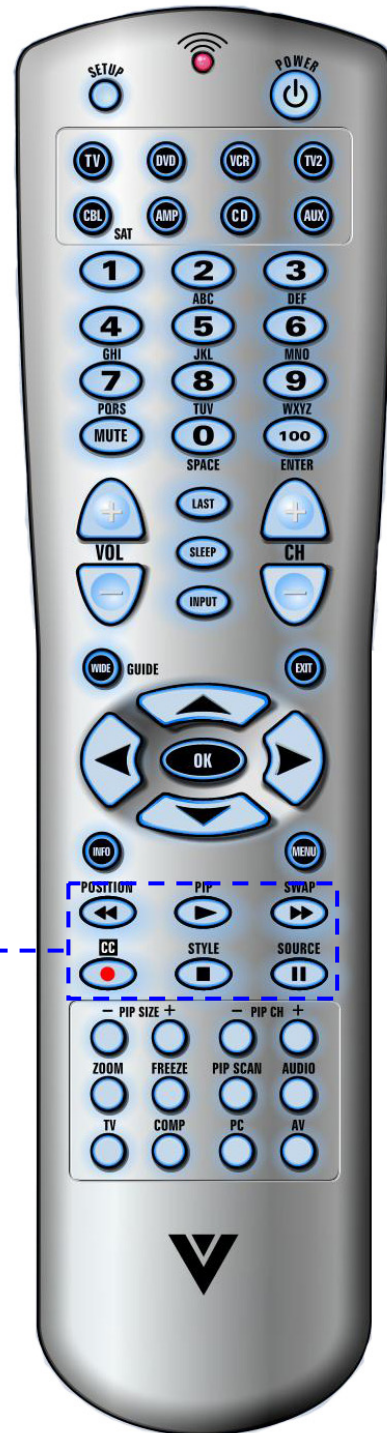
Select the style of the PIP mode.

When chosen with one of the Component buttons, tells the VCR, CD or DVD player to stop.

### SOURCE / ||

Change the video source for the PIP or POP sub picture.

When chosen with one of the Component buttons, tells the VCR, CD or DVD player to pause.



## - PIP +

Decrease or increase the size of the PIP window when in the PIP mode.

## - PIP CH +

Changes the TV channel in the PIP window when in the PIP mode and when TV mode is selected as the PIP video source.

## ZOOM

Turn on or off the zoom mode.

## FREEZE

Freeze the picture. Note that the video and audio content will continue to change and when the button is pressed again, turning off the Freeze mode, the picture will not return to the same point as when it was frozen.

## PIP SCAN

Turn on or off PIP Scan when in the multi-PIP mode. When turned on, the screen is split into a grid of twelve equal size pictures the first of which, (top left) is the main picture and the eleven sub pictures each in turn becomes live for a few seconds after which it freezes while the other ten take their turn in being live.

## Audio

Selects the audio mode.

## TV

Selects TV as the video source.

## COMP

Alternately selects the component input COMP1 or COMP2.

## PC

Alternately selects the rear RGB (VGA), front RGB (VGA) or DVI input.

## AV

Alternately selects the AV1 or AV2 input.





## PIP Remote Control

### SOURCE

Selects the input source for the PIP window.

### SCAN

Turn on or off PIP Scan when in the multi-PIP mode. When turned on, PIP Scan displays a TV channel for approximately four seconds and then automatically changes to the next TV channel.

### PIP

Turn on or off the PIP mode.

### Number Pad

Use these buttons to select a TV channel directly by the channel number for the active PIP window.

For channels higher than 99 press the '100' button first.

### CH $\Delta$ / $\nabla$

Change the channel in the PIP window.

### VOL $\Delta$ / $\nabla$

Increase or decrease the audio volume for the PIP window.

### + SIZE -

Increase or decrease the size of the PIP window.

### SWAP

Swap the main picture and sub picture.

### STYLE

Select the style of the PIP mode.

### MUTE

Turn off or on the sound for the PIP window.

### WIDE

Cycle through standard and widescreen viewing modes for the PIP window

### EXIT

Exit the PIP menus.

### $\blacktriangle$ , $\blacktriangledown$ , $\blacktriangleleft$ , $\blacktriangleright$

Use these buttons to navigate the On Screen Display (OSD) PIP menus.

### OK

Confirm an action, like an Enter button.

### INFO

Display the current status of the video source, audio (and channel number if in TV mode) on the screen of your DLP TV.




### MENU

Activates the OSD PIP menu.





## Universal Remote Control Battery Installation and Replacement

When inserting the batteries, make sure they are installed in the correct polarity.

Press latch and lift the cover off.	Align the batteries for the correct polarity (+ / -) shown in the case.	Replace the cover by locating the tabs and closing it down on the latch.
		

## PIP Remote Control Battery Installation and Replacement

When inserting the batteries, make sure they are installed in the correct polarity.

Press and slide the cover off.	Align the batteries for the correct polarity (+ / -) shown in the case. Replace the cover by sliding it on.
	






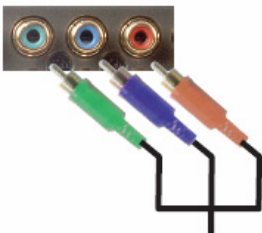

## 2 Connecting Components

### Power Connection

Connect the power cord to the AC Input at the rear of the DLP TV and then plug the power cord into an AC wall socket.

### Which Video Connection should I use?

The DLP TV has five different ways to connect your video equipment from a basic one to the most advanced for digital displays.

Connection Quality	Cable and Connector	Description
OK		Coaxial RF. This is the only connection that has the audio as well as the video in this one cable. If you have an antenna, this is the only way you can connect it to the DLP TV. If you have a VCR you could connect your antenna/cable to the VCR RF Input and connect the VCR RF Output to this connector.
Basic		Composite. The complete video signal is carried through this single pin connector. This is the most commonly used video connector.
Good		S-Video. The video signal is separated into two signals, one containing the black-and-white information and the other containing the color information. Separating the color in this way avoids 'cross color' effects where closely spaced black and white lines are erroneously displayed in color and also enables text to be displayed more sharply.
Better		Component. The video signal is separated into three signals, one containing the black-and-white information and the other two containing the color information. This enhancement over S-Video takes advantage of the superior picture provided by progressive scan DVD players and HDTV formats.
Best		Digital Video (DVI). All of the picture information is received digitally coded and as your DLP TV is a digital display it does not have to convert the digital to analog. (The other inputs are converted from analog to digital by the DLP TV.) Movies are digitally encoded on DVD's and so using a component such as the Bravo Multimedia Player from V, Inc. with a DVI output produces the ultimate picture performance.

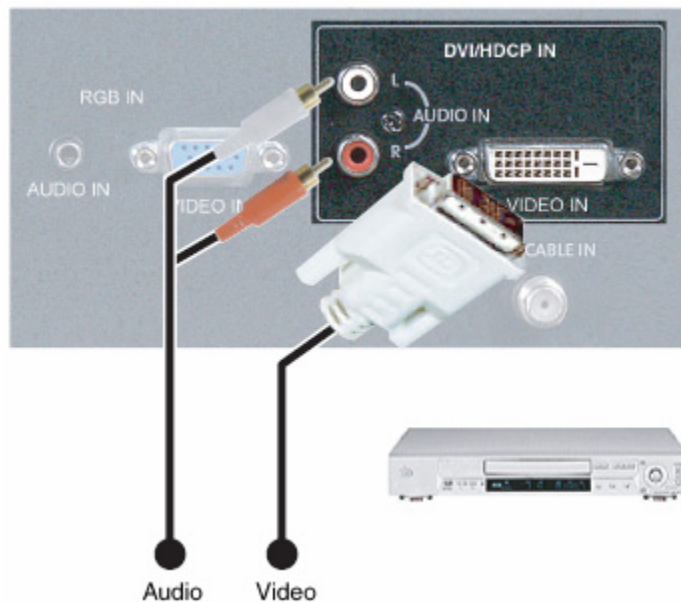
## Connecting your DVD Player

### Using Digital Video

DVD players that have a digital interface compliant with the DVI (Digital Visual Interface) standard, such as the Bravo Multimedia Player from V, Inc, should be connected to the DVI input of the DLP TV.

**Note:**

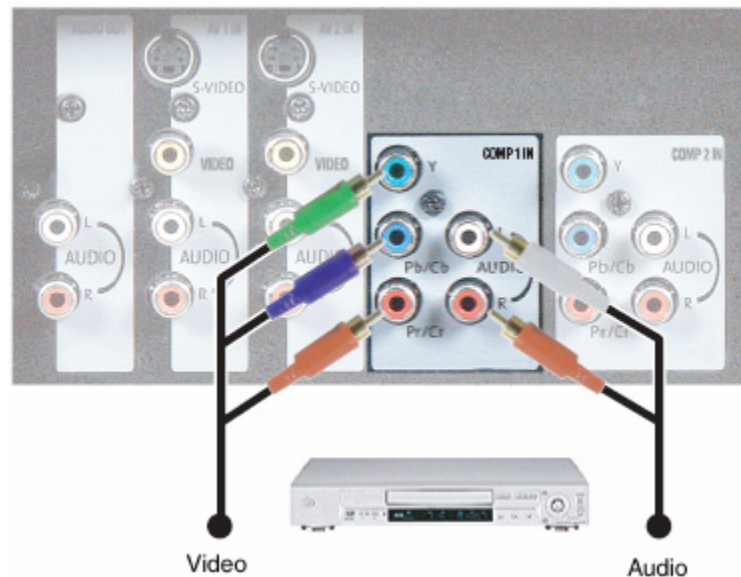
1. Use TMDS signals conforming to DVI standards. The TMDS input is a single link input.
2. To maintain the display quality use a DVI cable from V, Inc. that is 10 meters or less.



1. Turn off the power to the DLP TV and DVD player.
2. Connect a DVI-D cable to the DVI output of your DVD player and the other end to the DVI input in the rear of your DLP TV.
3. Connect the Audio Out (Left + Right) on your DVD player to the DVI Audio In L (White) and R (Red) in the rear of your DLP TV, next to the DVI connector.
4. Turn on the power to the DLP TV and your DVD player.
5. Select DVI using the **INPUT** button on the front of the DLP TV.

- Note:**
- a). The DVI input on your DLP TV supports High-bandwidth Content Protection (HDCP). HDCP encrypts the transmission between the video source and the digital display for added security and protection.
  - b). Refer to your DVD player User Manual for more information about the video output requirements of the product.

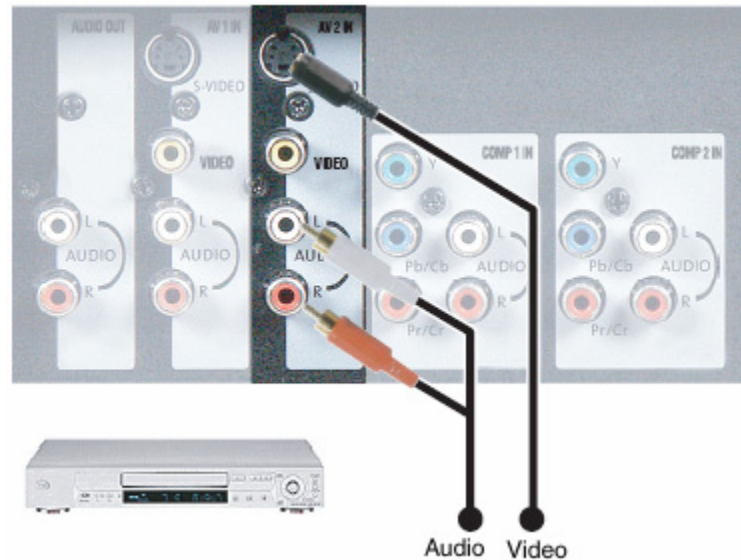
## Using Component Video



1. Turn off the power to the DLP TV and DVD player.
2. Connect the Pr or Cr (red color) connector on the rear of your DVD player to the Pr/Cr (red color) connector in the COMP 1 IN group on the rear of your DLP TV.
3. Connect the Pb or Cb (blue color) connector on the rear of your DVD player to the Pb/Cb (blue color) connector in the COMP 1 IN group on the rear of your DLP TV.
4. Connect the Y (green color) connector on the rear of your DVD player to the Y (green color) connector in the COMP 1 IN group on the rear of your DLP TV.
5. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R (red color) and L (white color) component audio input connectors in the COMP 1 IN group on the rear of your DLP TV.
6. Turn on the power to the DLP TV and DVD player.
7. Select COMP 1 using the **INPUT** button on the front of the DLP TV.

**Note:** a). If you are already using the COMP 1 IN input for another component, or you do not want to use the COMP 1 input for the DVD player, you can connect the DVD player to the COMP 2 IN group of connections.  
 b). Refer to your DVD player User Manual for more information about the video output requirements of the product.

## Using S-Video

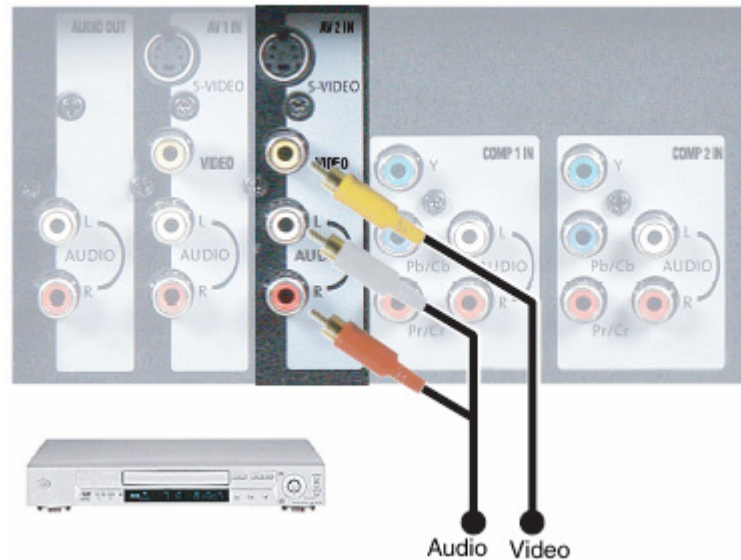


1. Turn off the power to the DLP TV and DVD player.
2. Connect the S-Video jack on the rear of your DVD player to the S-Video jack in the AV 2 IN group on the rear of your DLP TV.
3. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R (red color) and L (white color) component audio input connectors in the AV 2 IN group on the rear of your DLP TV.
4. Turn on the power to the DLP TV and DVD player.
5. Select AV 2 using the **INPUT** button on the front of the DLP TV.

**Note:**

- a). If you are already using the AV 2 IN input for another component, or you do not want to use the AV 2 input for the DVD player, you can connect the DVD player to the AV 1 IN group of connections.
- b). Refer to your DVD player User Manual for more information about the video output requirements of the product.

## Using Composite Video



1. Turn off the power to the DLP TV and DVD player.
2. Connect the Video (yellow color) connector on the rear of your DVD player to the Video (yellow color) connector in the AV 2 IN group on the rear of your DLP TV.
3. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R (red color) and L (white color) component audio input connectors in the AV 2 IN group on the rear of your DLP TV.
4. Turn on the power to the DLP TV and DVD player.
5. Select AV 2 using the **INPUT** button on the front of the DLP TV.

**Note:** a). If you are already using the AV 2 IN input for another component, or you do not want to use the AV 2 input for the DVD player, you can connect the DVD player to the AV 1 IN group of connections.

b). Refer to your DVD player User Manual for more information about the video output requirements of the product.

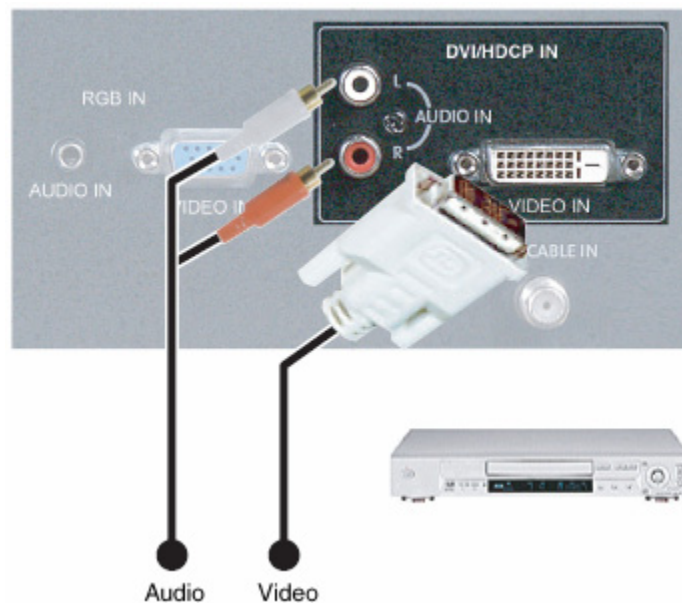
## Connecting your HDTV Set-Top Box

### Using Digital Video

HDTV Set-Top Boxes that have a digital interface compliant with the DVI (Digital Visual Interface) standard can be connected to the DVI input of the DLP TV.

**Note:**

3. Use TMDS signals conforming to DVI standards. The TMDS input is a single link input.
4. To maintain the display quality use a DVI cable from V, Inc. that is 10 meters or less.

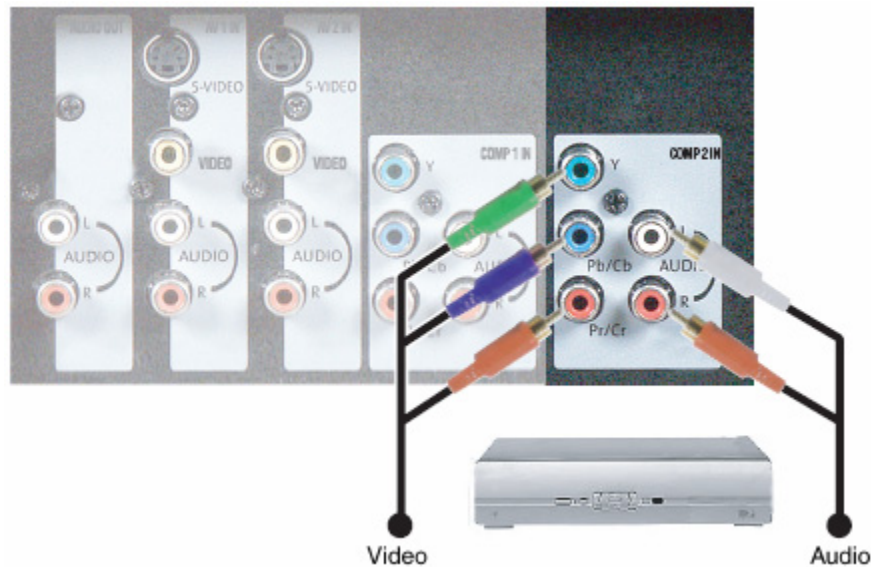


1. Turn off the power to the DLP TV and HDTV Set-Top Box.
2. Connect a DVI-D cable to the DVI output of your HDTV Set-Top Box and the other end to the DVI input in the rear of your DLP TV.
3. Connect the Audio Out (Left + Right) on your HDTV Set-Top Box to the DVI Audio In L (White) and R (Red) in the rear of your DLP TV, next to the DVI connector.
4. Turn on the power to the DLP TV and your HDTV Set-Top Box.
5. Select DVI using the **INPUT** button on the front of the DLP TV.

- Note:**
- a). The DVI input on your DLP TV supports High-bandwidth Content Protection (HDCP). HDCP encrypts the transmission between the video source and the digital display for added security and protection.
  - b). Refer to your HDTV Set-Top Box User Manual for more information about the video output requirements of the product or consult your Satellite or Cable operator.



## Using Component Video

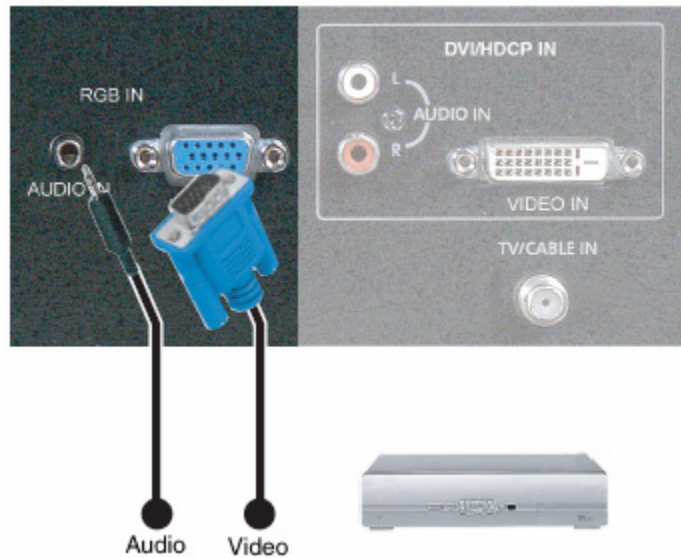


1. Turn off the power to the DLP TV and HDTV Set-Top Box.
2. Connect the Pr or Cr (red color) connector on the rear of your HDTV Set-Top Box to the Pr/Cr (red color) connector in the COMP 2 IN group on the rear of your DLP TV.
3. Connect the Pb or Cb (blue color) connector on the rear of your HDTV Set-Top Box to the Pb/Cb (blue color) connector in the COMP 2 IN group on the rear of your DLP TV.
4. Connect the Y (green color) connector on the rear of your HDTV Set-Top Box to the Y (green color) connector in the COMP 2 IN group on the rear of your DLP TV.
5. Connect the R (red color) and L (white color) audio connectors on the rear of your HDTV Set-Top Box to the R (red color) and L (white color) component audio input connectors in the COMP 2 IN group on the rear of your DLP TV.
6. Turn on the power to the DLP TV and HDTV Set-Top Box.
7. Select COMP 2 using the **INPUT** button on the front of the DLP TV.

**Note:**

- a). If you are already using the COMP 2 IN input for another component, or you do not want to use the COMP 2 input for the HDTV Set-Top Box, you can connect the HDTV Set-Top Box to the COMP 1 IN group of connections.
- b). Refer to your HDTV Set-Top Box User Manual for more information about the video output requirements of the product or consult your Satellite or Cable operator.

## Using RGB Video

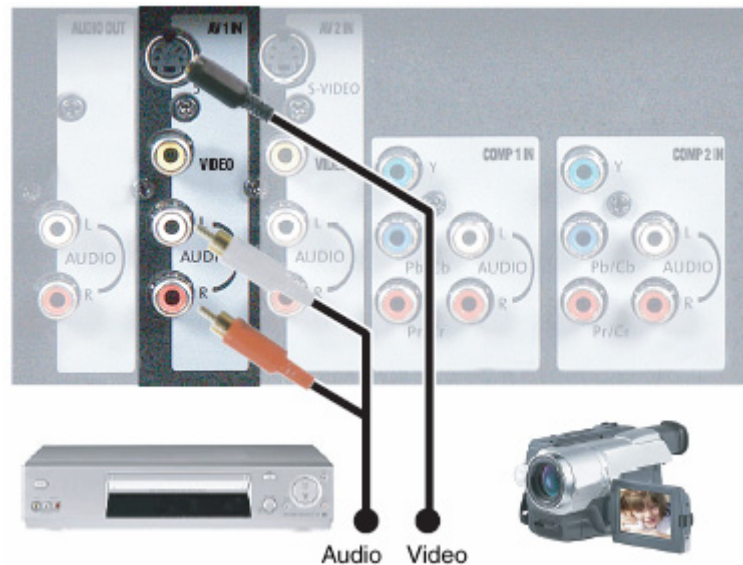


1. Turn off the power to the DLP TV and HDTV Set-Top Box.
2. Connect a 15-pin D-Sub RGB cable to the RGB output of your HDTV Set-Top Box and the other end to the RGB input in the rear of your DLP TV.
3. Connect the Audio Out (Left + Right) on your HDTV Set-Top Box to the RGB Audio In Stereo Mini Jack in the rear of your DLP TV, next to the RGB connector.
4. Turn on the power to the DLP TV and your HDTV Set-Top Box.
5. Select RGB using the **INPUT** button on the front of the DLP TV.

**Note:** Refer to your HDTV Set-Top Box User Manual for more information about the video output requirements of the product or consult your Satellite or Cable operator.

## Connecting your VCR or Video Camera

### Using S-Video

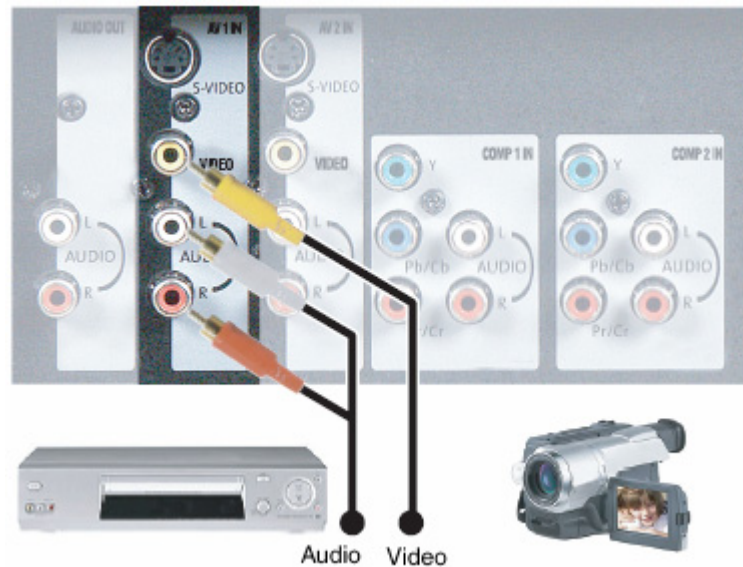


1. Turn off the power to the DLP TV and VCR or video camera.
2. Connect the S-Video jack on your VCR or video camera to the S-Video jack in the AV 1 IN group on the rear of your DLP TV.
3. Connect the R (red color) and L (white color) audio connectors on your VCR or video camera to the R (red color) and L (white color) component audio input connectors in the AV 1 IN group on the rear of your DLP TV.
4. Turn on the power to the DLP TV and VCR or video camera.
5. Select AV 1 using the **INPUT** button on the front of the DLP TV.

**Note:**

- a). If you are already using the AV 1 IN input for another component, or you do not want to use the AV 1 input for the VCR or video camera, you can connect the VCR or video camera to the AV 2 IN group of connections.
- b). Refer to your VCR or video camera User Manual for more information about the video output requirements of the product.

## Using Composite Video



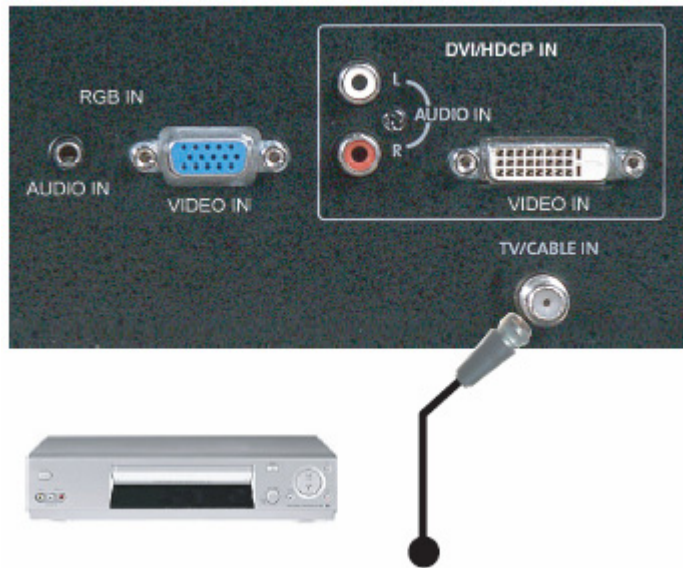
1. Turn off the power to the DLP TV and VCR or video camera.
2. Connect the Video (yellow color) connector on the rear of your VCR or video camera to the Video (yellow color) connector in the AV 1 IN group on the rear of your DLP TV.
3. Connect the R (red color) and L (white color) audio connectors on the rear of your VCR or video camera to the R (red color) and L (white color) component audio input connectors in the AV 1 IN group on the rear of your DLP TV.
4. Turn on the power to the DLP TV and VCR or video camera.
5. Select AV 2 using the **INPUT** button on the front of the DLP TV.

**Note:** a). If you are already using the AV 1 IN input for another component, or you do not want to use the AV 1 input for the VCR or video camera, you can connect the VCR or video camera to the AV 2 IN group of connections.

b). Refer to your VCR or video camera User Manual for more information about the video output requirements of the product.

## Connecting Coaxial (RF)

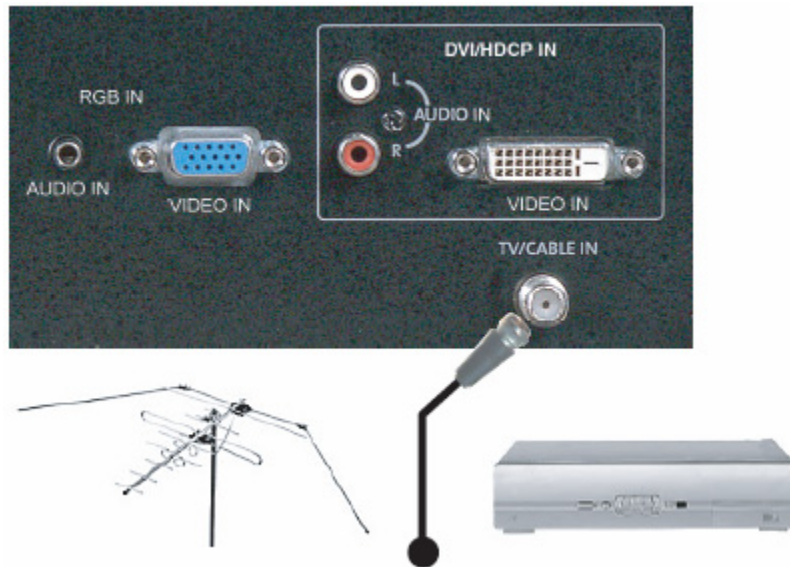
Using your VCR



1. Turn off the power to the DLP TV and VCR.
2. Connect the "Output to TV" (RF Out or Antenna Out) connector on the rear of your VCR to the TV/CABLE IN connector on the rear of your DLP TV.
3. Turn on the power to the DLP TV and VCR.
4. Select TV using the **INPUT** button on the front of the DLP TV.
5. Select Channel 3 or 4 to match the channel selected on the rear of your VCR.

**Note:** a). If you have an off-air antenna or cable TV, connect the off-air antenna or TV cable to the TV/CABLE IN connector on the rear of your VCR.  
 b). Make sure the antenna or cable TV is correctly grounded.

## Using your Antenna or Cable TV



1. Turn off the power to the DLP TV.
2. Connect the coaxial (RF) connector from your antenna or cable box to the TV/CABLE IN connector on the rear of your DLP TV.
3. Turn on the power to the DLP TV
4. Select TV using the **INPUT** button on the front of the DLP TV.

**Note:** Make sure the antenna or cable TV is correctly grounded.



## Connecting External Amplified Speakers

If you wish to use external, amplified speakers you may do so by connecting them to the AUDIO OUT connectors on the rear of your DLP TV.



1. Turn off the power to the DLP TV and external speakers.
2. Connect the R (red color) and L (white color) audio connectors on the rear of your speakers to the R (red color) and L (white color) audio output connectors in the AUDIO OUT group on the rear of your DLP TV.
3. Turn on the power to the DLP TV and speakers.
4. Press the **MENU** button on the front of your DLP TV or on the remote control to activate the On Screen Display (OSD).
5. Press the **▼ADJUST (- CH)** button on the front of your DLP TV four times to highlight AUDIO ADJUST and press the **OK** button to select this Sub Menu.
6. Press the **▼ADJUST (- CH)** button on the front of your DLP TV five times to highlight REAR AUDIO OUT and press the **ADJUST ► (VOL +)** to change from FIXED (Line Out) to VARIABLE. The volume of the audio will still be controlled by the Volume buttons on the front of your DLP TV or on the remote control.

## Connecting an External Receiver or Amplifier

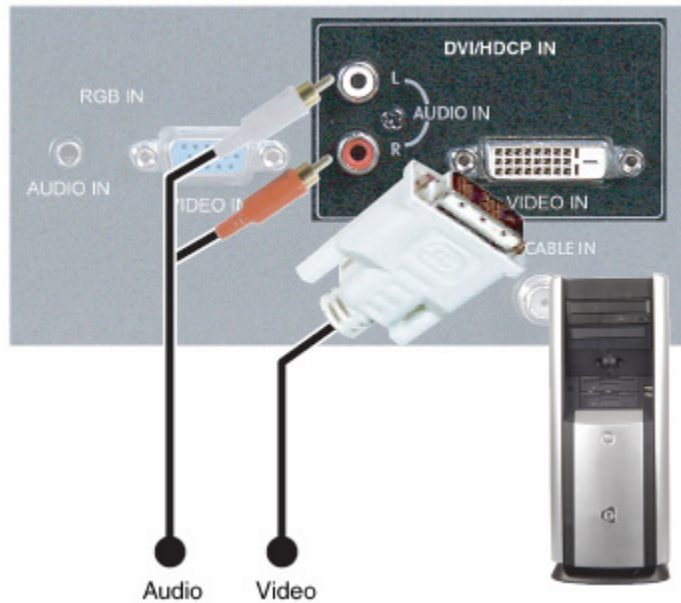
You can connect an external receiver or amplifier to your DLP TV. Your DLP TV is equipped with an external speaker switch that can automatically send a remote turn-on/off signal to the connected external receiver or amplifier.



1. Turn off the power to the DLP TV and receiver or amplifier.
2. Connect the R (red color) and L (white color) audio connectors on the rear of your receiver or amplifier to the R (red color) and L (white color) audio output connectors in the AUDIO OUT group on the rear of your DLP TV.
3. Turn on the power to the DLP TV and receiver or amplifier.
4. Press the **MENU** button on the front of your DLP TV or on the remote control to activate the On Screen Display (OSD).
5. Press the **▼ADJUST (- CH)** button on the front of your DLP TV four times to highlight AUDIO ADJUST and press the **OK** button to select this Sub Menu.
6. Press the **▼ADJUST (- CH)** button on the front of your DLP TV five times to highlight REAR AUDIO OUT and press the **ADJUST ► (VOL +)** to change from FIXED (Line Out) to VARIABLE so that you can use the Volume buttons on the front of your DLP TV or on the remote control or change from VARIABLE to FIXED to use the Volume buttons on the receiver or amplifier.

## Connecting a Computer

### Using DVI Video

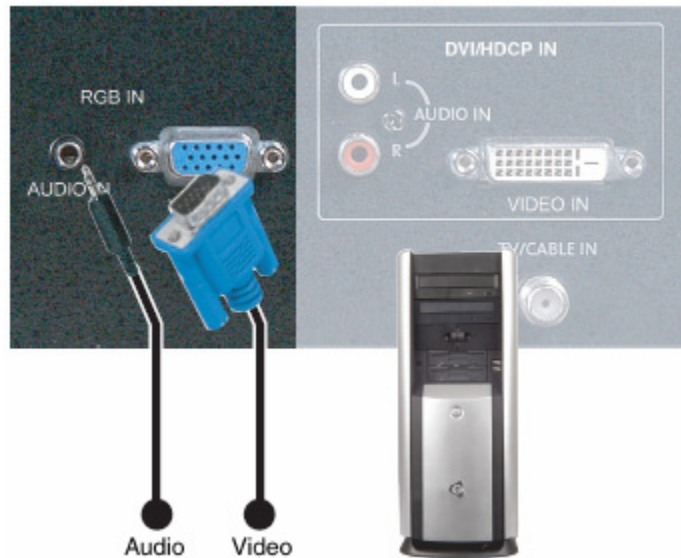


1. Turn off the power to the DLP TV and Computer.
2. Connect a DVI-D cable to the DVI output of your computer and the other end to the DVI input in the rear of your DLP TV.
3. Connect the Audio Out mini-jack on your computer to the DVI Audio In L (White) and R (Red) in the rear of your DLP TV, next to the DVI connector.
4. Turn on the power to the DLP TV and your computer.
5. Select DVI using the **INPUT** button on the front of the DLP TV.

**Note:** a). The DVI input on your DLP TV supports High-bandwidth Content Protection (HDCP). HDCP encrypts the transmission between the video source and the digital display for added security and protection.

b). Refer to your computer User Manual for more information about the video output requirements of the product.

## Using RGB Video



1. Turn off the power to the DLP TV and Computer.
2. Connect a 15-pin D-Sub RGB cable to the RGB output of your computer and the other end to the RGB input in the rear of your DLP TV.
3. Connect the Audio Out mini jack on your computer to the RGB Audio In L (White) and R (Red) in the rear of your DLP TV, next to the RGB connector.
4. Turn on the power to the DLP TV and your computer.
5. Select RGB using the **INPUT** button on the front of the DLP TV.

**Note:** Refer to your computer User Manual for more information about the video output requirements of the product.

## 3 Getting Started

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### Turning your DLP TV On and Off

1. Plug the power cord into an AC wall socket. The **POWER** indicator on the front panel will light green.
2. Press the **POWER** button on the front panel or the **POWER** button on the Remote Control to power on the DLP TV. The **LAMP STATUS** indicator will start flashing while the lamp heats and once the lamp is warm enough the indicator will stay lit green and the picture will begin to appear on the screen.
3. When the DVP TV is on, press the **POWER** button on the front panel or the **POWER** button on the Remote Control and a message will appear on the screen warning you that you are about to power off the DLP TV. This is because once the DVP TV has been turned off you cannot turn it on again until at least 45 seconds later as a protection feature for the lamp which will be damaged if it is turned on too soon after being on. The **LAMP STATUS** indicator will start flashing until the protection time has passed and then the indicator goes off and the DLP TV will be in the standby mode.

### Adjusting your DLP TV Settings

#### Volume

To increase the volume, press and hold the **VOL +** button on the front panel or Remote Control until the desired level is reached.

To decrease the volume, press and hold the **-VOL** button on the front panel or Remote Control until the desired level is reached.

#### TV Channels

To step up through the available TV channels press the **CH +** button on the front panel or Remote Control once for the next channel or hold it depressed until the desired channel is reached.

To step down through the available TV channels press the **-CH** button on the front panel or Remote Control once for the previous channel or hold it depressed until the desired channel is reached.

#### Mute

Press the **MUTE** button on the Remote Control to turn off the sound; press the button again to cancel the **MUTE** feature and turn the sound on.

#### Sleep

The Sleep Timer can be set to turn the DLP TV off in 30, 60, 90 or 120 minutes.

Press the **SLEEP** button on the Remote Control once and the display on the screen will show the timer is off. Press it again and the display will change to 30 minutes, press it again and the display will change to 60 minutes, again for the display to show 90 minutes and again for 120 minutes. The timer will start once the display disappears. If you want to cancel the Sleep Timer, keep press the **SLEEP** button to get to 120 minutes and then press it once more so the display shows off.

#### Wide

Using this feature you can watch video content in Stretch, Center, Panoramic or Zoom mode.

Press the **WIDE** button on the Remote Control and switch between the modes.

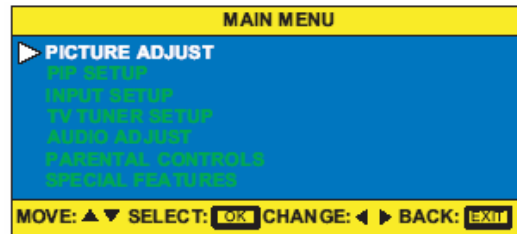
## Using the On Screen Display (OSD)

The DLP TV features an on-screen display (OSD) that lets the user adjust and save contrast, brightness and other settings. The DLP TV saves changes made to the settings even if the DLP TV is turned off.

### Menu Operations

The OSD consists of a Main Menu of items and each of these items has a Sub Menu associated with it that the OSD will switch to when the item is selected.

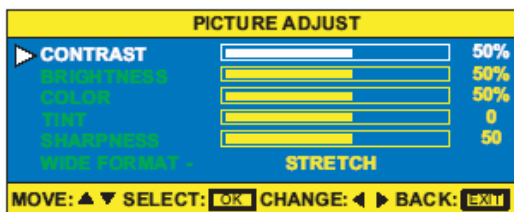
1. Press the **MENU** button on the front of the DLP TV or the Remote Control and the Main Menu will be displayed on the screen, as shown opposite.
2. Press the **▼ADJUST (- CH)** or **ADJUST ▲ (CH +)** button on the front panel to highlight the feature you wish to select.
3. Press the **OK** button on the front panel to select the feature. The Main Menu will now change to the Sub Menu of the feature selected.
4. Press the **▼ADJUST (- CH)** or **ADJUST ▲ (CH +)** button on the front panel to highlight the option you wish to adjust and press the **OK** button on the front panel.
5. Adjust the level or change the setting of the selected option by pressing **◀ ADJUST (- VOL)** or **ADJUST ▶ (VOL +)** on the front panel.
6. Repeat steps 4 and 5 to adjust additional options.
7. Once the adjustment is completed press the **MENU** on the front panel repeatedly to return to the Main Menu or exit the OSD.



### OSD Menus and Options

The OSD menus and options are used to adjust various settings on your DLP TV.

#### PICTURE ADJUST – TV Modes



**CONTRAST** – Adjusts the contrast of the picture.

**BRIGHTNESS** – Adjusts the brightness of the picture. Users may need to readjust the brightness after the DLP TV warms up.

**COLOR** – Adjusts the color saturation making colors more intense.

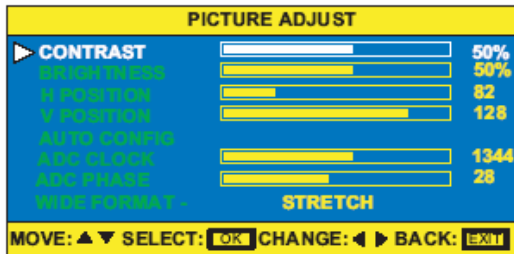
**TINT** – Adjusts the color of flesh tones.

**SHARPNESS** – Adjust the amount of detail enhancement.

**WIDE FORMAT** – Adjusts the screen width to STRETCH, CENTER, PANORAMIC, or ZOOM viewing mode.



## PICTURE ADJUST – PC Modes



**CONTRAST** – Adjusts the contrast of the picture.

**BRIGHTNESS** – Adjusts the brightness of the picture. Users may need to readjust the brightness after the DLP TV warms up.

**H POSITION** – Adjusts the horizontal screen position.

**V POSITION** – Adjusts the vertical screen position.

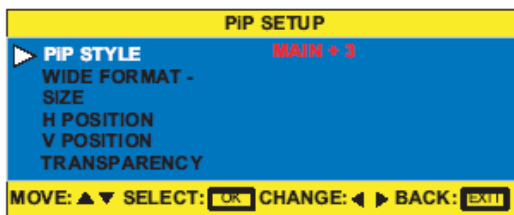
**AUTO CONFIG** – Automatically adjusts to the best settings.

**ADC CLOCK** – Removes any vertical distortion and clears or sharpens the displayed characters.

**ADC PHASE** – Removes any horizontal distortion and clears or sharpens the displayed characters.

**WIDE FORMAT** - Adjusts the screen width to STRETCH, CENTER, PANORAMIC, or ZOOM viewing mode.

## PIP SETUP



**PIP STYLE** – Turns PIP mode on or off, or chooses one of the following pre-set modes:

- **SPLIT** – The screen is divided in half. The left side is the main picture and the right side is the sub-picture.
- **POP** – The screen is in the 16:9 mode and divided in half. The left side is the main picture and the right side is the sub-picture.
- **MAIN + 3** – The main picture is on the left and there are three small sub-picture windows on the right.
- **MAIN + 7** – The main picture is on the bottom left and there are four small sub-picture windows across the top and three small sub-pictures on the right.
- **SCAN** – The screen is divided into 12 small sub-pictures.

**WIDE** – Changes the sub-picture size. Choose between 4:3 and 16:9.

**SIZE** – Changes the size of the sub-picture.

**H POSITION** – Moves the sub-picture left or right.

**V POSITION** – Moves the sub-picture up or down.

**TRANSPARENCY** – Adjusts the sub-picture transparency.

## INPUT SETUP

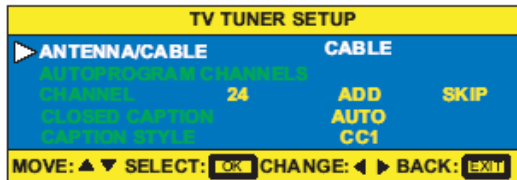


**MAIN INPUT** – Selects the video input source for the main picture.

**DVI TYPE** – Selects between VIDEO and COMPUTER components if the DVI connection is being used.

**PIP INPUT** – Selects the video input source for the sub-picture when PIP is turned on.

## TV TUNER SETUP



**ANTENNA/CABLE** – Sets the source for the tuner.

Select CABLE (for cable or a satellite dish) or ANTENNA.

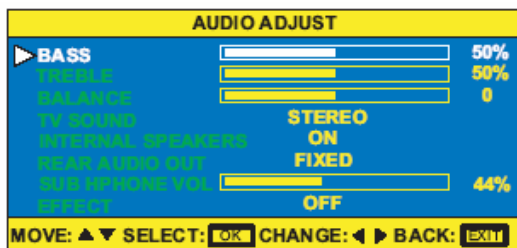
**AUTOPROGRAM CHANNELS** – When TV is the selected video input source, the DLP TV adds all channels that have a signal to the channel list.

**CHANNEL** – Displays the current TV channel and lets users skip or add the current channel to the channel list.

**CLOSED CAPTION** – Turns closed captioning on and off. AUTO automatically turns captioning on when the DLP TV is muted.

**CAPTION STYLE** – Sets the display style for closed captioning.

## AUDIO ADJUST



**BASS** – Adjusts the bass.

**TREBLE** – Adjust the treble.

**BALANCE** – Adjusts the balance level between the channels.

**TV SOUND** – Changes the sound output for TV programs. Switch between STEREO, SAP (Second Audio Program) or MONO for audio simulcasts. The TV program must support the output option.

**INTERNAL SPEAKERS** – Turns the built-in speakers on or off.

**REAR AUDIO OUT** – Changes the audio output options on the DLP TV.

FIXED – Bypasses the DLP TVs internal sound controls.

VARIABLE – Adjusts the type of output the DLP TV sends to the internal speakers or the audio output jack.

**SUB HEADPHONE VOL** – Adjusts the volume to the sub-picture headphone jack.

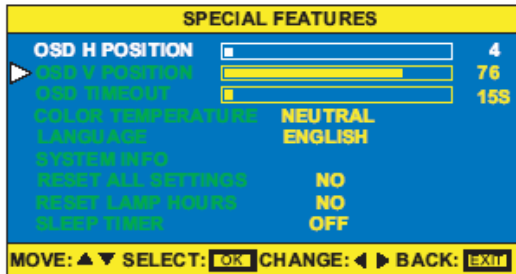
**EFFECT** – Adds simulated audio effects. Switch between BBE, SRS, VIVAHD3D, EALA and STEREO.

## PARENTAL CONTROLS



**ACCESS CODE** – A password is required to open the PARENTAL CONTROLS menu. Users need the remote control to use this option.

## SPECIAL FEATURES



**OSD H POSITION** – Adjusts the horizontal position of the OSD within the display image.

**OSD V POSITION** – Adjusts the vertical position of the OSD within the display image.

**OSD TIMEOUT** – Specifies the number of seconds the OSD menu is displayed before it automatically turns off.

**COLOR TEMPERATURE** – Adjusts the color temperature to three preset modes. Select COOL, NEUTRAL or WARM.

**LANGUAGE** – Changes the language of the OSD menu. Select ENGLISH, FRENCH or SPANISH.

**SYSTEM INFO** – Displays current system information.

**RESET ALL SETTINGS** – Resets all settings, except the parental controls and lamp timer, to the factory defaults.

**RESET LAMP TIMER** – Resets the lamp timer after replacing the projection lamp.

**SLEEP TIMER** – Turns sleep timer on and off and selects the number of minutes the DLP TV waits before it automatically turns off. User can specify 30, 60, 90 or 120 minutes.

## Remote Control Operation

### Common Sense Cautions

- Do not drop or mishandle the remote control.
- Do not get the remote control wet. If the remote control gets wet, wipe it dry immediately.
- Avoid heat and humidity.
- When not using the remote control for a long period, remove the batteries.
- Do not take apart the batteries, heat them, or throw them into a fire.

### Using the PIP Remote Control

The PIP Remote Control is exclusively for control of all PIP mode options. In addition, the Universal Remote Control can also be used to control the PIP mode options.

- Press the red **PIP** button on the PIP Remote Control to activate the PIP (Picture-In-Picture) mode. The PIP (sub screen) window will appear on the screen superimposed on the main screen. When you press this button again it will deactivate the PIP mode and the window will disappear.
- Press the **SIZE +** button to increase the size of the PIP window. Each press of the button will increase the window size one step; holding the button depressed will cause size of the window to be increased step-by-step automatically.
- Press the **SIZE -** button to decrease the size of the PIP window. Each press of the button will decrease the window size one step; holding the button depressed will cause size of the window to be decreased step-by-step automatically.
- When the PIP window is visible, press the **SWAP** button and the main picture will switch to PIP window and the PIP picture will replace it on the main screen. Press the **SWAP** button again and the pictures will switch back again.
- When the PIP window is visible, press the **STYLE** button and the DLP TV will show the main and sub pictures as a split screen with the screen being divided equally between the two pictures but the content will be squeezed into the half width so that people will appear long and thin. Press the **STYLE** button again and will change to POP (Picture-On-Picture) mode in which both pictures are equal again but this time the height is adjusted to match the width of each picture so that people are in the correct proportions. Press the **STYLE** button again and the format will change to Main+3 mode which means there is a large main picture and three smaller sub pictures stacked on the right side of the screen; each one of the sub pictures in turn becomes live for a few seconds after which it freezes while the other two take their turn in being live. Press the **STYLE** button again and the format will change to Main+7 mode which means there is one larger main picture and seven smaller sub pictures arranged along the top and right edge of the screen and they alternate between live and freeze as for the previous mode. Press the **STYLE** button again and the format will change to Scan mode in which the screen is split into a grid of twelve equal size pictures the first of which, (top left) is the main picture and the eleven sub pictures are refreshed as in the previous two modes. Press the **STYLE** button again and the format will change to PIP mode, which is where cycle of choices began.
- Press the **SOURCE** button one or more times to select the video input desired.

**Note:** The DVI or RGB input cannot be used as a sub picture source.

## Programming the Universal Remote Control

The **TV** Selection button has already been programmed to work with your Vizio RP56 DLP TV (program code 0080). You can program the other seven Component buttons on the Universal Remote Control to operate other components you have.

1. Turn on the component.
2. Choose a Component button you want to program, (for example CBL for a cable box or DVD for a DVD Player), on the Universal Remote Control and press this button.
3. Press and hold the **SETUP** button until the LED on the Remote Control flashes twice.
4. Refer to the table below that lists components and manufacturers and their relevant program codes to find the programming code for the component and, using the number buttons, enter the programming code. If the code is accepted the LED will flash twice after the last digit of the programming code is entered.
5. Point the Universal Remote Control at the component and press the **POWER** button; the component should power off. If the component does not turn off and there is more than one programming code listed for the manufacturer and component, try the next code in the list for that manufacturer until you find the correct one for your component.

**Note:** If you cannot find your manufacturer in the component list or if none of the programming codes work, you can use the Remote Control to search for the correct component code. See "Searching for Component Codes" below.

## Component Program Codes

Use the codes in Appendix B to program the Universal Remote Control to work with your existing audio and video components.

## Searching for Component Codes

If you cannot find the manufacturer in the component list or the program code does not work, you can use the remote control to search for the correct component code.

1. Turn on the component.
2. Press the matching component button on the Universal Remote Control
3. Press and hold the **SETUP** button until the LED flashes twice.
4. Press **9 9 1**. After this number sequence has been entered the LED will flash twice.
5. Point the Universal Remote Control at the component and alternate between pressing the **POWER** button and the component button on the remote control until the component turns off.

If the component still does not respond, clear the component button as described in the next three-step process, then repeat the search procedure.

1. Make sure that the component is turned on.
2. Press and hold the **SETUP** button on the Universal Remote Control until the LED flashes twice.
3. Press **9 9 2**, then press the component button on the Universal Remote Control twice.

## Checking the Component Codes

If you have set up the Universal Remote Control using the "Searching for Component Code" procedure, you may need to find out which four-digit code is operating your equipment.

### To find out which code is operating your TV:

1. Press the **TV** button once.
2. Press and hold the **SETUP** button until the LED blinks twice, then release the **SETUP** button.
3. Enter **9 9 0**. After this number sequence has been entered the LED will flash twice.
4. To view the code for the first digit, press **1** once. Wait 3 seconds, count the LED blinks (i.e., 3 blinks = 3) and write down the number.

*Note: If a code digit is "0", the LED will not blink.*

5. Repeat step # 4 three more times for the remaining digits. Use **2** for the second digit. Use **3** for the third digit, and **4** for the fourth digit.
6. To check the codes for your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., **AUX**, **CBL**, **VCR**, **SAT**, **CD**, **AMP**, or **DVD**) for the component you are checking. As before, write down each four-digit code.

## Reassigning Component Buttons

You can reassign the component buttons on the remote control if you have more than one of the same type of component.

### Example:

If you are using the Universal Remote to control your cable (CBL), CD, DVD, TV and two VCRs, you can reassign the satellite (SAT) button as a second VCR button.

1. Press and hold the **SETUP** button until the LED flashes twice.
2. Press **9 9 2**. After this number sequence has been entered the LED will flash twice.
3. Press the component button that you want (**VCR**) once, and then press the component button that you are reassigning (**SAT**) once. The **SAT** button is now reassigned and can be programmed as a VCR component button. See "Programming the Universal Remote Control" on page 34.

## Changing Volume Lock

The Universal Remote Control is set to control volume through your TV while in cable (CBL), DVD, satellite (SAT) and VCR component modes. Use the volume lock if you want to control the volume for all components through a specific component.

### Example:

You want to control volume for all components through your tuner.

1. Press and hold the **SETUP** button until the LED flashes twice.
2. Press **9 9 3**. After this number sequence has been entered the LED will flash twice.
3. Press the component button once that you want to control the volume (**TNR**). The LED flashes twice. Volume will now be controlled through the tuner for all components.



## Teaching the Remote Control New Functions

The remote control can learn up to 25 additional functions from the component's original remote control.

### Example:

Your DVD player remote control has a scan function that you may use frequently. There is not a scan button on the remote control. You can assign a button and use the DVD remote to teach the remote control the scan function.

#### Important



Make sure that you have already programmed the remote control for the component. See "Programming the universal remote control" on page 34.

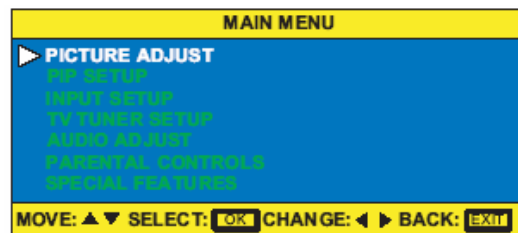
Make sure that area lighting is not too bright or it will interfere with the learning process.

1. Press and hold the **SETUP** button on the Universal Remote Control until the LED flashes twice.
2. Press **9 7 5**. After this number sequence has been entered the LED will flash twice.
3. Press the component button that you want to teach (**DVD**) once.
4. Press the button to which you want to assign the new function. The LED flashes quickly while it is waiting to receive the signal from the teaching remote.
5. Hold the teaching remote control approximately 1-inch (25mm) from the Universal Remote Control making sure that the infrared ports are lined up, on the teaching remote press the button that you want the Universal Remote Control to learn. The LED flashes twice.
6. Press the **SETUP** button to exit the learning mode.

## Using the Universal Remote Control

To access the OSD with the Universal Remote Control:

1. Press the **TV** component button.
2. Press the **MENU** button on the Universal Remote Control and the Main Menu will be displayed on the screen, as shown opposite.
3. Press the **▼** or **▲** button to highlight the feature you wish to select.
4. Press the **OK** button to select the feature. The Main Menu will now change to the Sub Menu of the feature selected.
5. Press the **▼** or **▲** button to highlight the option you wish to adjust and press the **OK** button.
6. Adjust the level or change the setting of the selected option by pressing the **◀** or **▶** button.
7. Repeat steps 5 and 6 to adjust additional options.
8. Once the adjustment is completed press the **EXIT** button twice to exit the OSD.



## Using the Picture-In-Picture (PIP) Mode

When the picture-in-picture mode (PIP) mode is active, one picture is displayed on the full screen (main picture) and the other picture is displayed in a small window (sub-picture).

1. Press the **TV** component button.
2. Press the **PIP** button on the Universal Remote Control once to turn on the PIP mode. A small window appears in one corner of the screen. The picture on the full screen is the main picture; the picture in the window is the sub-picture.
3. When the PIP window is visible, press the **STYLE** button and the DLP TV will show the main and sub pictures as a split screen with the screen being divided equally between the two pictures but the content will be squeezed into the half width so that people will appear long and thin. Press the **STYLE** button again and will change to POP (Picture-On-Picture) mode for which both pictures are equal again but this time the height is adjusted to match the width of each picture so that people are in the correct proportions. Press the **STYLE** button again and the format will change to Main+3 mode which means there is a large main picture and three smaller sub pictures stacked on the right side of the screen; each one of the sub pictures in turn becomes live for a few seconds after which it freezes while the other two take their turn in being live. Press the **STYLE** button again and the format will change to Main+7 mode which means there is one larger main picture and seven smaller sub pictures arranged along the top and right edge of the screen and they alternate between live and freeze as for the previous mode. Press the **STYLE** button again and the format will change to Scan mode in which the screen is split into a grid of twelve equal size pictures the first of which, (top left) is the main picture and the eleven sub pictures are refreshed as in the previous two modes. Press the **STYLE** button again and the format will change to PIP mode, which is where cycle of choices began.
4. Press the **POSITION** button one or more times to move the window to a different area of the screen.
5. When the PIP window is visible, press the **SWAP** button and the main picture will switch to PIP window and the PIP picture will replace it on the main screen. Press the **SWAP** button again and the pictures will switch back again.
6. Press any one of the direct input buttons (TV, AV1, AV2, etc.) on the remote control to change the video input source for the main picture.
7. Press the **SOURCE** button one or more times to select the video input desired for the sub picture.

Go to the Universal Remote Control section on pages 7, 8 and 9 for information about the other buttons on the Universal Remote Control.

## Setting the Sleep Timer

The sleep timer lets you set a time when you want your DLP TV to turn off automatically. One minute before the timer turns off your DLP TV, the timer appears and shows the seconds remaining before your DLP TV turns off.

You can set the sleep timer directly from the Universal Remote Control or through the OSD.

### To set the sleep timer using the universal remote control:

1. Press the **TV** component button.
2. Press the **SLEEP** button on the Universal Remote Control. The sleep timer appears in the upper-left corner of your screen.
3. Press the **SLEEP** button once to set the turn-off time to 30 minutes, press the **SLEEP** button again to set the turn-off time to 60 minutes, press the **SLEEP** button again to set the turn-off time to 90 minutes, press the **SLEEP** button again to set the turn-off time to 120 minutes. Pressing the **SLEEP** button one more time will set the timer to 0 (turn-off the sleep time).

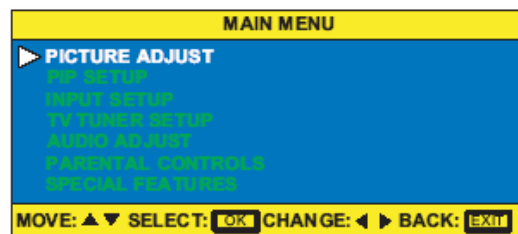
### To turn off the sleep timer using the universal remote control:

Press the **SLEEP** button repeatedly until SLEEP: OFF appears on the screen.

## Using the Parental Controls

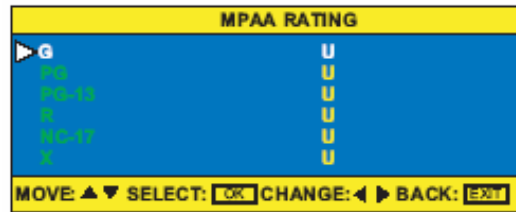
The Parental Controls feature prevents viewers from watching programs that are not age-appropriate, such as programs containing violence or adult language.

1. Press the **TV** component button.
2. Press the **MENU** button on the Universal Remote Control and the Main Menu will be displayed on the screen, as shown opposite.
3. Press the **▼** or **▲** button to select PARENTAL CONTROLS.
4. Press the **OK** button and the Main Menu will now change to the PARENTAL CONTROLS Sub Menu.
5. Press the **OK** button again to select ACCESS CODE.
6. Enter your password. If you have not set a password, use the number button pad to enter **0000**. For more information about setting a password, see "Setting a password" on page 40.



7. Press the **OK** button to open **MPAA Rating**.
8. Press the **▲**, **▼**, **◀**, **▶** buttons to select which rating you want to block or unblock. You can select from the following ratings:

- G (General audience)
- PG (Parental guidance suggested)
- PG-13 (Recommended for children 13 years of age and older)
- R (mature audience)
- NC-17 (no one under 17 years of age)
- X (no one under 17 years of age)



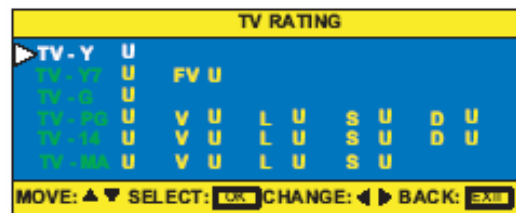
9. Press the **OK** button to select **U** (unblocked) or **B** (blocked).
10. Press the **EXIT** button to return to **PARENTAL CONTROLS**.

11. Press the **▼** or **▲** button to select TV RATINGS.

12. Press the **OK** button to open the TV RATINGS menu.

13. Press the **▲**, **▼**, **◀**, **▶** buttons to select which rating you want to block or unblock. You can select from the following ratings:

- TV-Y (all children)
- TV-Y7 (older children)
- TV-G (general audience)
- TV-PG (guidance suggested)
- TV-14 (strongly cautioned)
- TV-MA (mature audience)



You can customize these ratings for:

- FV (fantasy violence)
- V (violence)
- L (adult language)
- S (sexual situations)
- D (sexual dialog)

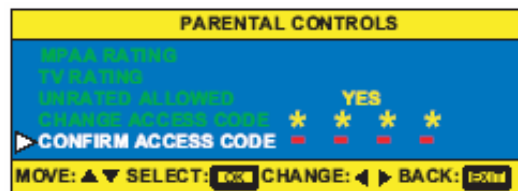
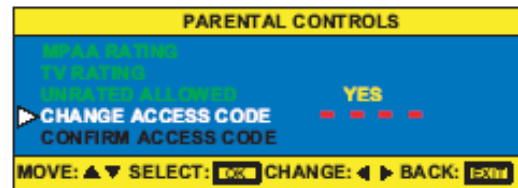
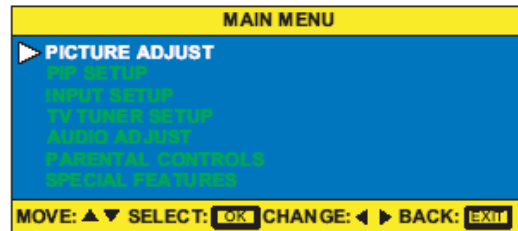
14. Press the **OK** button to select **U** (unblocked) or **B** (blocked).
15. Press the **EXIT** button to return to **PARENTAL CONTROLS**.
16. Press the **▼** or **▲** buttons to select **UNRATED ALLOWED**.
17. Press the **OK** button to open the option.
18. Press the **◀** and **▶** buttons on the Universal Remote Control to select **NO**.
19. Press the **EXIT** button repeatedly to exit the OSD.

## Setting a Password

You control access to the Parental Control features with a password. The default password is 0000. You can change the password to any four-digit number.

### To change the password:

1. Press the **TV** component button.
2. Press the **MENU** button on the Universal Remote Control and the Main Menu will be displayed on the screen, as shown opposite.
3. Press the **▼** or **▲** button to select PARENTAL CONTROLS.
4. Press the **OK** button and the Main Menu will now change to the PARENTAL CONTROLS Sub Menu.
5. Press the **OK** button again to select ACCESS CODE.
6. Enter your password. If you have not set a password, use the number button pad to enter **0000**. For more information about setting a password, see "Setting a password" on page 41.
7. Press the **▼** or **▲** button to select CHANGE ACCESS CODE.
8. Press the **OK** button to select CHANGE ACCESS CODE.
9. Use the number button pad to enter a new four-digit password.
10. Enter the new password again when prompted.
11. Press the **EXIT** button repeatedly to exit the OSD.



### To reset your password:





1. Press the **TV** component button.
2. Press the **MUTE** button on the Universal Remote Control.
3. Press the **INFO** button, then press the **▲**, **▼**, **◀**, **▶** and **OK** buttons. A **RESET ACCESS CODE** message appears. Your password has been reset to **0000**.

## 4 Maintenance and Troubleshooting




### Safety Guidelines

This product is designed and manufactured to operate within defined design limits, and misuse may result in electric shock or fire. To prevent the product from being damaged, the following rules should be observed for the installation, use and maintenance of the product. Read the following safety instructions before operating the display.

#### **WARNING**

	Be sure to have the DLP TV installed as per the instructions in this manual.
	Do not modify parts. Doing so could cause the DLP TV to operate incorrectly and damage the DLP Engine. <b>The DLP Engine is a major cost component and would be a substantial service cost and such damage caused by misuse is not covered by the warranty.</b>
	Do not use damaged parts. Doing so could cause the DLP TV to operate incorrectly and damage the DLP Engine. <b>The DLP Engine is a major cost component and would be a substantial service cost and such damage caused by misuse is not covered by the warranty.</b> If a part is damaged contact V, Inc.
	Do not stand on tilted or unstable surfaces. Doing so could cause the DLP TV could fall over resulting in a broken screen and DLP Engine, and possibly personal injury. <b>The DLP Engine is a major cost component and would be a substantial service cost and such damage caused by misuse is not covered by the warranty.</b>

#### **CAUTIONS**

	Do not block the DLP TV's ventilation holes as the DLP TV could overheat and cause a fire. Do not install the TV here the ventilation is poor, do not place covers over it, etc.
	Do not install the DLP TV near air conditioner air outlets or in places where vibrations are strong. Doing so could damage the alignment of the mirrors and lens, and/or lead to fire or electric shock.
	Install the DLP TV in a stable place and take measures to prevent it from tipping over and causing injury. The DLP TV is a large device; it should be unpacked and moved by a minimum of two people, holding it at the top and the bottom. Failure to do so could cause the DLP TV could fall over resulting in a broken screen and DLP Engine, and possibly personal injury. <b>The DLP Engine is a major cost component and would be a substantial service cost and such damage caused by misuse is not covered by the warranty.</b>



## Compliance

Caution: Always use a power cable that is properly grounded. Please use the AC cords listed below for each area.

USA	UL
Canada	CSA
Germany	VDE
Britain	BASE/BS
Japan	Electric Appliance Control Act

### FCC Class B Radio Frequency Interference Statement.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

### **NOTICE:**

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

## Television Antenna Connection Protection

### External Television Antenna Grounding

If an outside antenna or cable system is to be connected to the DLP TV, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and static charges.

Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

### Lightning Protection

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

### Power Lines

Do not locate the antenna near overhead light or power circuits, or where it could fall into such power lines or circuits.

## Cleaning & Maintenance

### Cleaning the Screen

The screen of the DLP TV has been specially treated. To clean, users should wipe the surface gently using only a cleaning or a soft, lint-free cloth. If the surface is particularly dirty, use a little water on the cloth (never directly on the screen), then wipe the screen with it.

Reminders:

- Do not use substances such as glass cleaners, solvents and/or thinners.
- Do not scratch or hit the surface of the screen with fingers or any hard objects.

#### Warning



The screen of the DLP TV is made of specially coated plastic and can be scratched or damaged by abrasive or ammonia-based window cleaners.

Scratches on the bezel or screen are not covered by the warranty.

- Do not scratch or hit the surface of the screen with fingers or any hard objects.

### Cleaning the Exterior

The DLP TV is cooled by air circulated through the vents in the case so for optimized performance, keep the vents clear of dust. To clean, turn off and unplug the DLP TV, then brush the dust away from the vents with a damp cloth. Be careful not to drip any water into the vents.

Reminders:

- Do not attempt to clean dust from the inside of the DLP TV.
- Do not use abrasives or solvent cleaners because they can damage the finish on the components.
- Do not allow any excessive water or moisture to come into contact with the surface of the DLP TV. If water or moisture gets inside the DLP TV, operating problems and electrical hazards may result.
- Do not scratch or hit the surface of the screen with fingers or any hard objects.
- Do not place articles made of rubber or PVC near the cabinet for any extended periods of time.

## Replacing the Filter

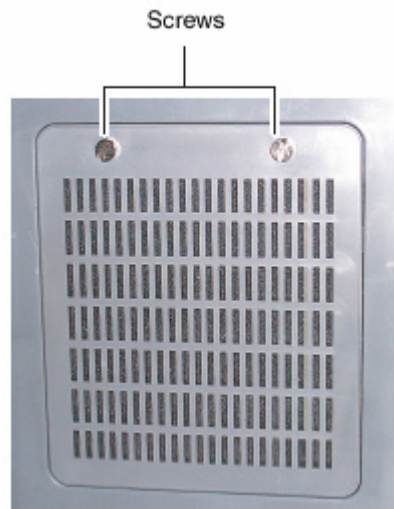
The replaceable filter in the back of the DLP TV prevents dust from building up and assures good ventilation for the lamp.

### Warning



Do not operate your DLP TV without a filter. Check the filter every six months and replace as necessary to prevent heat damage.

1. Remove the two filter access panel screws, and then remove the access panel.



2. Remove the old filter and insert a new one using the four tabs to hold the filter in place.



3. Replace the filter access panel and secure it with the two screws.

## Replacing the Lamp

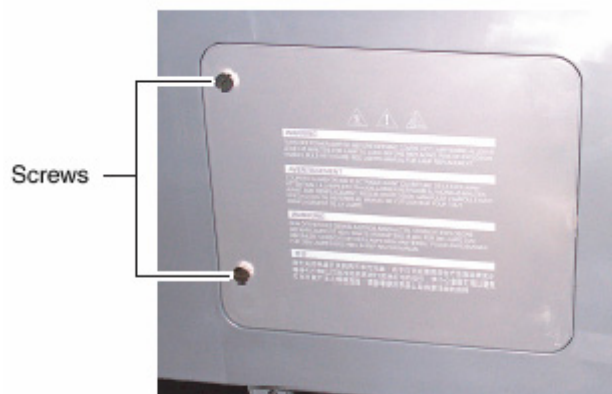
Users should replace the lamp in the projector approximately every 6,000 hours to maintain the best possible display image. Do not use a lamp past the rated lamp life.

### Warning

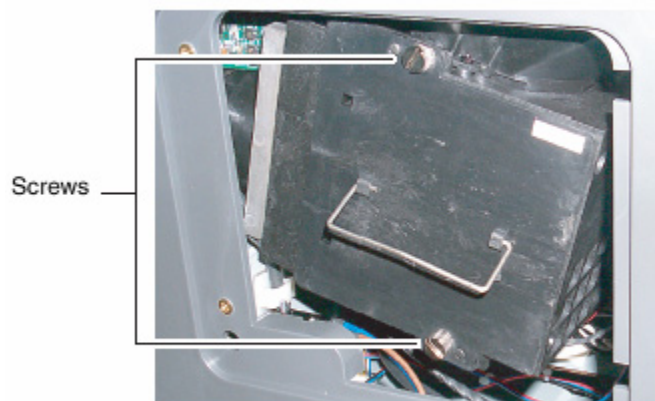


The high-pressure lamp may explode if handled incorrectly. Make sure that the DLP TV is turned off, power is disconnected, and the lamp is completely cooled (minimum of 45 minutes) before replacing it.

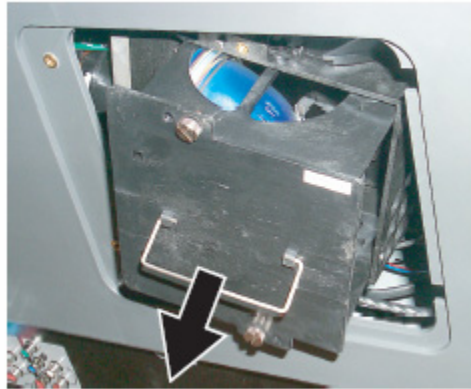
1. Turn off your DLP TV
2. Disconnect the power cord and all other external cables.
3. Allow the lamp to cool completely; at least 45 minutes.
4. Remove the two lamp access panel screws and then remove the access panel.



5. Remove the two lamp module retaining screws.



6. Use the lamp removal handle to lift the lamp module straight out of the lamp bay.



7. Replace the lamp in the lamp module, and then insert the lamp module back into the lamp bay.

**Caution**



Make sure to not touch the lamp. The oils from hands can cause the lamp to fail prematurely.

8. Replace the two lamp module retaining screws.

**Important**



Make sure that the screws are fastened securely to make sure that the lamp will not shake.

Safely discard the used lamp.

9. Replace the lamp bay access panel, and then replace the two access panel screws.
10. Connect the power cable and all external cables.



## Status LEDs

There are two status LEDs on the front of the DLP TV.

### Normal Operation

State	Power LED	Lamp LED	Description
AC off	Not lit	Not lit	AC power not connected
Standby mode	Green	Not lit	AC power is connected and the DLP TV is in standby mode.
Warm-up/Cool down mode	Green	Flashing	AC power is connected and the power button has just been turned on or off.
Operation mode	Green	Green	AC power is connected, the power button has been pressed and the lamp has warmed up.

### Error Codes

Error Code	Power LED	Lamp LED	Description
21	Flashes green twice, then orange once.	Not lit	One of the cooling fans has failed. See "support" on page 51.
32	Flashes green three times, then orange twice.	Flashing	Indicates lamp trouble or failure. The DLP TV will automatically shut down and restart itself. If this does not solve the problem, see "support" on page 51.
52	Flashes green five times, then orange twice.	Not lit	Indicates hardware error. Power off the DLP TV, wait one minute, and then restart the DLP TV. If this does not solve the problem, see "support" on page 51.

## Troubleshooting Guide

Use the following information to solve common problems.

Symptom	Possible Solutions
No picture	<p>Make sure that the power cord is plugged into a grounded electrical outlet.</p> <p>Make sure that the <b>Power</b> button is turned on.</p> <p>Look in the left air vent to see if the lamp is on.</p> <p>Make sure that the selected input source is connected to a working component. If the other component is not working, correct the problem with the other component.</p> <p>If the DLP TV is connected to a computer in RGB mode check to see if the computer has gone to sleep and if so, press any key on the keyboard to "wake" the computer.</p>
The picture is distorted or there is an unusual sound.	<p>Check if there is interference from other electrical appliance, car, motorcycle or fluorescent light. Try moving the DLP TV or offending appliance to another location.</p>
The color is abnormal.	<p>Check that the input source cable is connected securely and correctly to the back of the DLP TV.</p>
There are abnormal patterns on the picture.	<p>Check that the input source cable is connected securely and correctly to the back of the DLP TV.</p> <p>Make sure that the video input source is within the range of the DLP TV. Compare the video input source's specifications with the DLP TV specifications.</p>
The picture does not fill the whole screen.	<p>If the TV, AV1, AV2 or component is being used with 480i input, use the screen width or WIDE button on the remote control to scroll through various screen modes.</p>
There is a picture but no sound.	<p>Make sure that the volume is not turned down.</p> <p>Make sure that the sound is not muted.</p> <p>Make sure that the internal speakers are not turned off.</p> <p>Make sure that the audio input source cables are connected securely and correctly.</p>
The DLP TV has pixels that are always dark.	<p>The DLP TV is manufactured using an extremely high level of precision technology. However, sometimes pixels may not display. Pixel defect within the industry specifications are inherent to this type of product and do not constitute a defective product.</p>
There is "noise" or "trash" on the picture.	<p>When the DLP TVs digital capabilities exceed a digital broadcast signal, the signal is up-converted (increased) to match the DLP TVs display capabilities. This process may cause "noise" or "trash" on the screen.</p>
Screen brightness is diminished.	<p>Video display components experience degradation of brightness over the life of the component. Normal brightness degradation is not covered by the warranty.</p>

Symptom	Possible Solutions
The LED on the Universal Remote Control does not blink when a button is pressed.	Replace the batteries with two (2) new alkaline batteries. See "Inserting batteries" on page 11.
The Universal Remote Control LED blinks when a component selection button is pressed, but the component does not respond.	<p>Make sure that you are less than 15 feet (4.5 meters) from the infrared remote sensors on the component.</p> <p>Make sure that nothing is blocking the infrared remote sensors on the remote control or the component.</p> <p>Make sure that you have chosen the correct component selection button.</p> <p>Make sure that the remote is programmed for that component. See "Programming the Universal Remote Control" on page 34.</p> <p>Check that the component's original remote control will operate the component.</p>
The Universal Remote Control will not accept the component program code.	<p>Make sure that you followed all the steps in the programming procedure. See "Programming the Universal Remote Control" on page 34.</p> <p>Make sure that you tried all the program codes listed for the component manufacturer. See Appendix B – Component Program Codes" on page 54.</p> <p>Search for the component code. See "Searching for Component Codes" on page 34.</p>
The Universal Remote Control does not control home entertainment components or commands are not working properly.	Try all listed codes for the component brands being set up. Make sure they can be operated with an infrared remote control.
TV/VCR Combo does not respond to the Universal Remote Control properly.	Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation.
No volume on a 2nd TV.	Follow instructions for "Changing Volume Lock", see page 36.
Changing channels does not work properly with the Universal Remote Control.	If original remote control required change channels does not work properly, press ENTER on the universal remote after entering the channel number.
The PIP Remote Control does not work.	<p>Check if the Remote Control batteries are dead and if necessary, replace them with new batteries.</p> <p>Make sure that nothing is blocking the infrared remote sensors on the remote control or the DLP TV.</p>

## Telephone & Technical Support

Products are often returned due to a technical problem rather than a defective product which may result in unnecessary shipping charges billed to you. Our trained support personnel can often resolve the problem over the phone. For more information on warranty service or repair, after the warranty period, please contact our Support Department at the number below.

Quality service and consistent technical support are integral parts of V's commitment to service excellence. V's service representatives are dedicated to assist you with the utmost in customer satisfaction. To better assist you, please call toll free or contact us via email.

**Tel: (877) 668-VINC, 6am-3pm PST Mon - Fri**

Or

E-mail: [techsupp@vinc.com](mailto:techsupp@vinc.com)

## **Corporate Contact Information**

V Incorporated  
320A Kalmus Drive  
Costa Mesa, CA 92626  
Tel: (714) 668.0588  
Fax: (714) 668-9099  
Web: [www.VINC.com](http://www.VINC.com)

Appendix A: Specifications

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Product Name	Vizio RP56 DLP TV
Screen Size	56-in Diagonal
Aspect Ratio	16 : 9
Technology	HD2 DLP by Texas Instruments
Screen Gain	4.0
Brightness	400 Nits typical
Contrast Ratio	1000:1
Lamp Rating	120W
Lamp Life	6,000 hours
Tuner	NTSC
Rear Inputs	1x Digital Video (DVI) with HDCP plus 1x Stereo Audio 1x Analog RGB plus 1x Stereo Audio Mini Jack 2x Component Video ( YPbPr ) plus 1x Stereo Audio 2x S-Video plus 1x Stereo Audio 2x Composite Video (AV) plus 1x Stereo Audio
Rear Output	1x Stereo Audio
Front Inputs	1x Analog RGB plus 1x Stereo Audio Mini Jack 1x S-Video plus 1x Stereo Audio 1x Composite Video (AV) plus 1x Stereo Audio
Front Outputs	1x Main Screen Stereo Audio (Headphone) 1x Sub Screen Stereo Audio (Headphone)
Speakers	Stereo, internal, 15W / Channel
Power Supply	AC120V 50/60Hz
Regulatory Compliance	UL, FCC

## APPENDIX B:

# Component Program Codes

### MANUFACTURER'S CODES

#### Setup Codes for V Inc. Products:

Bravo D1 DVD	0116
Bravo D2 DVD	0117
Bravo HD1	1126
Vizio P4	0113
Vizio L6	0115
Vizio L13	0114
Vizio RP56	0080

#### Setup Codes for Audio Amplifiers:

GE	0078
Harman/Kardon	0892
JVC	0331
Marantz	0892
Optimus	0395
Philips	0892
Polk Audio	0892
Realistic	0395
Sony	0689
Soundesign	0078
Victor	0331
Wards	0078
Yamaha	0354

#### Setup Codes for Audio Receivers or Tuners :

ADC	0531
Aiwa	0121, 1405, 1089
Capetronic	0531
Carver	1089, 1189
Denon	1160, 1104
Harman/Kardon	0110
JBL	0110
JVC	0074
Kenwood	1027, 0186, 1313, 1569, 1570
MCS	0039
Magnavox	1089, 0531, 1189
Marantz	1189, 1089, 0039
Onkyo	0135
Optimus	1023, 0186, 0531, 0670
Panasonic	0039, 1518
Philips	1089, 1189, 1269
Pioneer	0150, 0531, 0630, 1023
Proscan	1254
Quasar	0039
RCA	1254, 0531, 1023
Sansui	1089
Sharp	0186
Sony	1158, 1058, 1258
Soundesign	0670
Sunfire	1313
Technics	0039, 1308, 1518, 1309
Thorens	1189
Victor	0074
Yamaha	0176, 0186, 1176

#### Setup Codes for Cable Converters:

ABC	0003, 0017
Americast	0899
Bell South	0899
General Instrument	0276, 0476, 0810
GoldStar	0144
Hamlin	0009, 0273
Jerrold	0003, 0276, 0476, 0810
Memorex	0000
Motorola	1106
Pace	0237
Panasonic	0107, 0000
Paragon	0000
Philips	0305, 0317
Pioneer	0144, 0533, 0877
Pulsar	0000
Quasar	0000
Regal	0273, 0279
Runco	0000
Samsung	0144
Scientific Atlanta	0017, 0477, 0877
Starcom	0003
Toshiba	0000
Zenith	0000, 0525, 0899

#### Setup Codes for CD Players:

Aiwa	0157
Burmester	0420
Cal. Audio Labs	0029
Carver	0157, 0179
DKK	0000
Denon	0003, 0873
Emerson	0305
Fisher	0179
Garrard	0420
Genexxa	0032, 0305
Harman/Kardon	0157, 0173
Hitachi	0032
JVC	0072
Kenwood	0028, 0190, 0826, 0037, 0626, 0681
Krell	0157
LXI	0305
Linn	0157
MCS	0029
MTC	0420
Magnavox	0157, 0305
Marantz	0157, 0626, 0029
Mission	0157
NSM	0157
Onkyo	0101, 0868
Optimus	0032, 0468, 0420, 0179, 0305, 1063, 0000, 0037, 0145
Panasonic	0029
Parasound	0420
Philips	0157, 0626
Pioneer	0032, 0468, 0305, 1062, 1063
Polk Audio	0157
Proton	0157
QED	0157
Quasar	0029
RCA	0053, 0032, 1062, 0468, 0305, 0179
Realistic	0179, 0420
Rotel	0157, 0420
SAE	0157
Sansui	0157, 0305
Sanyo	0179
Scott	0305
Sears	0305
Sharp	0037, 0861
Sherwood	1067
Sonic Frontiers	0157
Sony	0000, 0490
Soundesign	0145
Tascam	0420
Teac	0420
Technics	0029
Victor	0072
Wards	0053, 0157
Yamaha	0036, 0888

#### Setup Codes for DVD Players:

Apex	0672
Denon	0490
Fisher	0670
GE	0522
Gradiente	0651
Hitachi	0573, 0664
Hiteker	0672
JVC	0623, 0558
Kenwood	0682, 0534
Konka	0719, 0711, 0720, 0721
Magnavox	0503, 0675
Marantz	0539
Mitsubishi	0521
Onkyo	0503
Optimus	0571
Oritron	0651
Panasonic	0490, 0677, 0632
Philips	0539, 0503
Pioneer	0571, 0525, 0632
Proscan	0522
RCA	0522, 0571
Samsung	0573
Sharp	0630
Sony	0533
Technics	0490
Theta Digital	0571
Toshiba	0503
Yamaha	0490, 0545
Zenith	0591, 0503

#### Setup Codes for Home Automation:

GE	0240
One For All	0167
Radio Shack	0240
Security System	0167
Universal X10	0167
X10	0167

#### Setup Codes for Satellite Receivers:

AlphaStar	0772
Chaparral	0216
Echostar	0775, 1005
Expressvu	0775
GE	0566
General Instrument	0869
HTS	0775
Hitachi	0819
Hughes Net. Sys.	0749, 1142, 1749
JVC	0775
Magnavox	0722, 0724
Memorex	0724
Mitsubishi	0749
Next Level	0869
Panasonic	0247, 0701
Philips	1076, 1142, 0722, 0724, 0749
Proscan	0392
RCA	0566, 0392, 0143, 0855
Radio Shack	0869
Samsung	1109
Sony	0639
Star Choice	0869
Toshiba	0749, 0790
Uniden	0724, 0722
Zenith	0856

#### Setup Codes for TVs:

AOC	0019, 0030
Admiral	0093, 0463
Aiko	0092
Aiwa	0701
Akai	0030
Alaron	0179
America Action	0180
Anam	0180
Audiovox	0092, 0180, 0451, 0623
Baysonic	0180
Belcor	0019
Bell & Howell	0016, 0154

Bradford	0180
Brockwood	0019
Broksonic	0236, 0463
CXC	0180
Candle	0030, 0056
Carnivale	0030
Carver	0054
Celebrity	0000
Cineral	0451, 0092
Citizen	0056, 0030, 0060, 0092
Concerto	0056
Contec	0180
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0060, 0030, 0016, 0047, 0051, 0054, 0056, 0093, 0145, 0154, 0166, 0451, 1147, 1347
Daewoo	0092, 0623, 0019, 0624, 0451
Daytron	0019
Denon	0145
Dumont	0017, 0019
Electroband	0000
Emerson	0236, 0180, 0178, 0179, 0463, 0624, 0623, 0019, 0154
Envision	0030
Fisher	0154
Fujitsu	0179, 0683
Funai	0180, 0171, 0179
Futuretech	0180
GE	0047, 1347, 0051, 0178, 0451, 1147, 0093
Gibraltar	0017, 0019, 0030
GoldStar	0178, 0019, 0030, 0056
Gradiente	0056, 0053
Grumpy	0179, 0180
Hallmark	0178
Harley Davidson	0179
Harman/Kardon	0054
Harvard	0180
Hitachi	0145, 0056, 0016
Infinity	0054
Inteq	0017
JBL	0054
JCB	0000
JVC	0053
KEC	0180
KTV	0180, 0030
Kenwood	0030, 0019
Konka	0707, 0632, 0628, 0638, 0703
LG	0056
LXI	0154, 0047, 0054, 0156, 0178
Logik	0016
Luxman	0056
MGA	0150, 0019, 0030, 0178
MTC	0060, 0030, 0019, 0056
Magnavox	0054, 0030, 0179, 1254
Majestic	0016
Marantz	0054, 0030
Matsushita	0250
Megatron	0145, 0178
Memorex	0179, 0463, 0178, 0016, 0056, 0150, 0154, 0250
Midland	0017, 0047, 0051
Mitsubishi	0150, 0178, 0019, 0093
Motorola	0093
Multitech	0180
NAD	0156, 0166, 0178
NEC	0030, 0019, 0056
NTC	0092
Nikko	0178, 0030, 0092
Onwa	0180
Optimus	0250, 0166, 0154
Optonica	0093
Orion	0463, 0179, 0236
Panasonic	0051, 0250
Penney	0047, 1347, 0060, 0030, 0178, 0051, 0019, 0056, 0156
Philco	0145, 0019, 0030, 0054, 0463
Philips	0054
Pilot	0019, 0030
Pioneer	0166, 0679
Portland	0019, 0092
Princeton	0717
Prism	0051
Proscan	0047



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Proton	0178
Pulsar	0017, 0019
Quasar	0051, 0250
RCA	0047, 1347, 1147, 0679, 1247, 0019, 0051, 0090, 0093, 1047, 1447
RadioShack	0180, 0030, 0178, 0154, 0019, 0047, 0056
Realistic	0180, 0154, 0030, 0178, 0019, 0056
Runco	0017, 0030
SSS	0019, 0180
Sampo	0030
Samsung	0060, 0019, 0178, 0030, 0056
Sansei	0451
Sansui	0463
Sanyo	0154
Scimitru	0019
Scotch	0178
Scott	0236, 0019, 0178, 0179, 0180
Sears	0154, 0056, 0156, 0047, 0054, 0171, 0178, 0179
Semivox	0180
Semp	0156
Sharp	0093, 0688
Shogun	0019
Signature	0016
Sony	0000
Soundesign	0178, 0179, 0180
Squareview	0171
Starlite	0180
Supreme	0000
Sylvania	0054, 0030
Symphonic	0171, 0180
TMK	0056, 0178
TNGi	0017
Tandy	0093
Technics	0051, 0250
Technol Ace	0179
Techwood	0051, 0056
Teknika	0016, 0054, 0179, 0180, 0019, 0092, 0056, 0060, 0150
Telefunken	0056
Toshiba	0156, 0060, 0154, 1256
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0019, 0178
Wards	0054, 0178, 0016, 0019, 0030, 0056, 0179
White Westinghouse	0624, 0623, 0463
Yamaha	0019, 0030
Zenith	0017, 0624, 0016, 0092, 0463

## Setup Codes for TV/VCR Combos:

American High	0035 (for TV use 0051)
Brocksonic	0002, 0294,
Colt	0072
Curtis Mathis	0035 (for TV use 0051)
Daewoo	0278
Emerson	0002, 0294, 0479
Funai	0000
GE	0035 (for TV use 0051), 0060 (for TV use 0047), 0048 (for TV use 0093), 0240
Hitachi	0035 (for TV use 0051), 0000
HQ	0000
Lloyds	0000
MGA	0240
Magnavox	0081 (for TV use 0054), 0035 (for TV use 0051), 0000
Magnin	0240
Memorex	0037, 0162 (for TV use 0250)
Mitsubishi	0048 (for TV use 0093)
Orion	0002, 0294, 0479
Panasonic	0035 (for TV use 0051), 0162 (for TV use 0250)
Penney	0035 (for TV use 0051), 0240, 0162 (for TV use 0250)
Quasar	0035 (for TV use 0051), 0162 (for TV use 0250)
RCA	0060 (for TV use 0047), 0035 (for TV use 0051), 0048 (for TV use 0093)
Sansui	0000, 0479
Sanyo	0240
Sears	0000, 0037

Sharp	0048 (for TV use 0093)
Sony	0032 (for TV use 0000)
Symphonic	0000
Zenith	0000

## Setup Codes for VCRs:

Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0000, 0037
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumarck	0240
Bell & Howell	0104
Broksonic	0121, 0184, 0002, 0209, 0479
CCE	0072, 0278
Calix	0037
Canon	0035
Carver	0081
Cineral	0278
Citizen	0278, 0037
Colt	0072
Craig	0037, 0072, 0047, 0240
Curtis Mathes	0035, 0060, 0162
Cybernex	0240
Daewoo	0278, 0045
Denon	0042
Dynatech	0000
Electrohome	0037
Electrohome	0037
Emerex	0032
Emerson	0184, 0002, 0209, 0278, 0121, 0479, 0000, 0037, 0043
Fisher	0047, 0104
Fuji	0033, 0035
Funai	0000
GE	0035, 0060, 0048, 0240
Garrard	0000
Go Video	0432
GoldStar	0037, 0038
Gradiente	0000
HI-Q	0047
Harley Davidson	0000
Harman/Kardon	0038, 0081
Harwood	0072
Hitachi	0042, 0000
Hughes Net. Sys.	0042
JVC	0067
KEC	0037, 0278
KLH	0072
Kenwood	0067, 0038
Kodak	0035, 0037
LXI	0037
Lloyd	0000
Logik	0072
MEI	0035
MGA	0043, 0240
MGN Technology	0240
MTC	0000, 0240
Magnasonic	0278
Magnavox	0035, 0081, 0563, 0000, 0039, 0149
Magnin	0240
Marantz	0081, 0035
Marta	0037
Matsushita	0035, 0162
Memorex	0104, 0047, 0479, 0000, 0037, 0048, 0035, 0240, 1037, 0039, 0162, 0209, 1162, 1262
Minolta	0042
Mitsubishi	0043, 0048, 0067
Motorola	0035, 0048
Multitech	0000, 0072
NEC	0038, 0067, 0104
Nikko	0037
Noblex	0240
Olympus	0035
Optimus	0162, 1062, 1162, 0048, 1262, 0037, 1048, 0104, 0432
Orion	0479, 0002, 0184, 0209
Panasonic	0035, 0162, 1162, 1262, 1362, 0616, 1062
Penney	0035, 0240, 0037, 0042, 0038

Pentax	0042
Philco	0035, 0209, 0479
Philips	0081, 0035, 0618, 1081, 1181
Pilot	0037
Pioneer	0067
Polk Audio	0081
Profitronic	0240
Proscan	0060
Protec	0072
Pulsar	0039
Quasar	0035, 0162, 1162
RCA	0060, 0149, 0042, 0035, 0048, 0240
RadioShack	0000, 1037
Radix	0037
Randex	0037
Realistic	0000, 0104, 0047, 0048, 0037, 0035
ReplayTV	0614, 0616
Runco	0039
STS	0042
Samsung	0045, 0240
Sanky	0039, 0048
Sansui	0479, 0000, 0067, 0209
Sanyo	0047, 0104, 0240
Scott	0184, 0121, 0043, 0045
Sears	0037, 0042, 0000, 0035, 0047, 0104
Semp	0045
Sharp	0048
Shintom	0072
Shogun	0240
Singer	0072
Sony	0033, 0032, 0000, 0035, 0636, 1032
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000
TMK	0240
Teac	0000
Technics	0035, 0162
Teknika	0000, 0035, 0037
Thomas	0000
Tivo	0618, 0636
Toshiba	0045, 0043
Totevision	0037, 0240
Unitech	0240
Vector	0045
Vector Research	0038
Video Concepts	0045
Videosonic	0240
Wards	0035, 0060, 0000, 0047, 0240, 0042, 0048, 0072, 0081, 0149
White Westinghouse	0072, 0278, 0209
XR-1000	0072, 0000, 0035
Yamaha	0038
Zenith	0039, 0000, 0033, 0209, 0479

## Setup Codes for Video Accessories:

Panasonic	1120
Pioneer	1010
Sensory Science	1126
Sharp	1010

## ADDITIONAL INFORMATION

The Catalyst 48 does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your Catalyst 48.

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M4800

03/04

# V INC. LIMITED WARRANTY

## For VIZIO Rear Projection Displays

Welcome to the V, Inc. Digital Family! Please read this warranty carefully, it is a "ONE-YEAR LIMITED WARRANTY" on parts and labor.

### V, Inc.'s Responsibility

V, Inc. VIZIO Displays purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one (1) year from the date of their original retail purchase. If the unit fails to conform to this warranty, we will service the monitor using new or refurbished parts.

This warranty coverage excludes the television's lamp (a.k.a. light bulb), which is instead warranted to be free from defects in materials or workmanship for a period of ninety (90) days from the date of original retail purchase. If the lamp fails to conform to this warranty, we will provide a replacement bulb using new or refurbished parts.

#### Service Labor

During a period of one year from the effective warranty date, V, Inc. will provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our Customer Support at (714) 668-0588, 9:00am-5pm PST. The determination of service will be made by V, Inc. Customer Support. PLEASE DO NOT RETURN YOUR UNIT TO V, INC. WITHOUT PRIOR AUTHORIZATION.

#### Parts

New or remanufactured replacements for defective parts will be used for repairs by V, Inc. at its designated Service Center for one (1) year from the effective warranty date. Such replacement parts are warranted for the remaining portion of the original warranty period.

#### Service

During the one (1) year warranty period, V, Inc. will, at its option and sole discretion, repair or replace defective parts, including replacement of the entire display. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. You are responsible for all transportation charges to and from the service facility. V, Inc. is not responsible for the de-installation or re-installation of the unit.

#### Packaging and Shipping Instructions

When you send the product to an authorized V, Inc. service facility you must use the original carton box and packing material or an equivalent as approved by V, Inc.

#### Not Covered

This warranty does not cover defects, malfunctions or failures resulting from shipping or transit accidents, abuse, misuse, operation contrary to furnished instructions, operation on incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing, tampering or normal wear and tear or TVs on which the serial number has been removed or defaced. Image Sticking caused by operating at excessive brightness levels for extended periods or mishandling are not covered by this warranty.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. OUR LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING OUR NEGLIGENCE, ALLEGED DAMAGE OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE DISPLAY. WE SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS 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. This is the only warranty applicable; no one is authorized to extend or modify it or to grant any other warranty.

V, Inc. retains the right to assess all warranty claims and to determine if damages are covered by the warranty. In case of a claim that is not covered by the warranty, you will be contacted to determine whether V, Inc. should repair the damage for a fee or whether the product should be returned to you as received by the repair center.

### Owner's Responsibility

#### Effective Warranty Date

Warranty begins on the date of sale to the end user. To ensure warranty service, keep the dated bill or sale receipt as evidence of the purchase date.

#### User Manual

Read your User Manual carefully so that you will understand the operation of your VIZIO Display and how to adjust the user controls.

#### Warranty Service

For warranty service information, contact V, Inc. Customer Support at (714) 668-0588, 9:00am-5pm PST. Parts and service labor that are V, Inc.'s responsibility (see above) will be provided without charge. Other service is at the owner's expense. You must provide the model, serial number and date of purchase. Before you ask for warranty service, read your User Manual. You might avoid a service call.

For Technical Support, visit [WWW.VINC.COM](http://WWW.VINC.COM), Call (877) 668.VINC (8462)  
or E-mail [Techsupp@vinc.com](mailto:Techsupp@vinc.com)



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