



VIZIO

L13e



WHERE
VISION
MEETS
VALUE

Table of Contents

Chapter 1 - Introduction2

1.1 - Before Use 2

1.2 – Specifications 2

1.3 - Opening the Package..... 3

1.4 - Installation..... 3

1.5 - Important Safety Guidelines..... 4

1.6 - Television Antenna Connection Protection 6

1.7 - Package Contents..... 7

1.8 - Front Panel 8

1.9 - Rear Panel Connections 9

1.10 - VIZIO L13e Remote Control.....10

1.10.1 – Remote Control Description10

1.10.2 - Insertion of Batteries in the Remote Control.....11

1.10.3 - Remote Control Range.....11

1.10.4 - Precautions for the VIZIO Remote Control.....11

Chapter 2 - Connecting Components.....12

2.1 - Which Video Connection Should I Use?12

2.2 - Connecting Your DVD Player.....13

2.2.1 - Using Component Video13

2.2.2 - Using S-Video14

2.2.3 - Using Composite Video.....15

2.3 - Connecting Your VCR or Video Camera.....15

2.4 - Connecting Coaxial (RF).....16

2.4.1 - Using Your Antenna or Cable TV16

2.4.2 - Using the Antenna through Your VCR.....16

Chapter 3 - Getting Started17

3.1 - Turning your LCD TV On and Off.....17

3.2 - Installation of Wall Mount (Optional)17

3.3 - Adjusting Basic LCD TV Settings.....18

3.4 - Using the On-Screen Display (OSD).....19

3.4.1 - Menu Operations.....19

3.4.2 - OSD Menus and Options20

3.4.3 - Using the Parental Controls22

3.4.4 - Setting a Password23

Chapter 4 - Maintenance and Troubleshooting24

4.1 - Maintenance24

4.2 - Troubleshooting Guide.....24

4.3 - Telephone & Technical Support.....25

4.4 - Compliance26

4.5 - FCC Class B Radio Frequency Interference Statement.....26

Appendix A: Limited Warranty Information.....27



Chapter 1 - Introduction

1.1 - Before Use

Congratulations on your VIZIO L13e 13" LCD Television purchase. Thank you for your support of V, Inc. and its LCD Television product line. The L13e is a precise electronic product and you should read the following instructions carefully to maximize the performance of the product. It has passed regulatory safety certifications and you can be assured of the highest quality display with the utmost reliability. After you have finished reading the instructions, put them away in a safe place for future reference.

Note: In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

1.2 – Specifications

Panel	13" Diagonal, 4:3 Aspect Ratio
Resolution	640 x 480 pixels
Brightness	450 cd/m2 typical
Contrast Ratio	500:1 typical
Response Time	15mS typical
Viewing Angle	170° (horizontal) / 155° (vertical) for CR ≥ 5
Inputs	1x RF (1x F Connector adaptor for internal NTSC Tuner) 1x Composite Video (1x RCA) & 1x S-Video (1x DIN) plus 1x Stereo Audio (2x RCA, Left + Right)
Outputs	1x Component (3 x RCA, YCbCr) plus 1x Stereo Audio (2 x RCA, Left + Right) 1 x Stereo Audio (2 x RCA, Left + Right) 1 x Stereo Headphone (1 x Stereo Mini Jack)
User Controls	Vol-, Vol+, Menu, Ch▼, Ch▲, Enter, Power On/Off
Speakers	Built-in 2 x 2.5 W
Features	CC, V-Chip, Comb Filter, Video Scalar, NTSC Video decoding via RF (Antenna, Cable or Satellite [Set Top Box may be required]) or Video (CVBS, S-Video or Component YCbCr)
Backlight	Lamp life 60,000 hours.
Power	Input: IEC Connector for direct power line connection Voltage Range: 100 ~ 240 Vac at 50/60 Hz Power consumption: 50 W
Operating Conditions	Temperature: 0°C ~ 35°C (32°F ~ 95°F) Humidity: 20% ~ 90% (no condensation) Altitude: to 10,000 feet (3,000 meters)
Storage Conditions	Temperature: -20°C ~ +60°C (-4°F ~ +140°F) Humidity: 5% ~ 90% (no condensation) Altitude: to 40,000 feet (12,000 meters)
Dimensions (W x H x D)	16.6" x 10.2" x 2.5" (426mm x 262mm x 63mm without Stand) 16.6" x 14.04" x 7.6" (426mm x 360mm x 195mm with Stand)
Weight	6.82 lbs (3.1 kg) without stand 8.58 lbs (3.9) with stand
Agency Approvals	UL, C-UL, FCC Class B



1.3 - Opening the Package

- The VIZIO L13e is packaged in a carton together with other standard accessories. Any optional accessories are packed separately in another carton.
- Never place the unit on a surface with the glass facing downwards unless it is on protective padding.
- When opening the carton, check that the product is in good condition and that all standard accessories and items are included.
- Save the original box and all packing materials for future shipping needs.

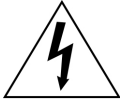
1.4 - Installation

- Please read the user manual carefully before performing the installation.
- The power consumption of the display is approximately 50 Watts. Please use the power cord designated for the product. When an extension cord is required, use one with the correct power rating. The cord must be grounded and the grounding feature must not be defeated.
- The product should be installed on a flat surface to avoid tipping. Space should be maintained between the back of the product and the wall for proper ventilation. See Section 3.2 - Installation of Wall Mount, p. 16, for additional information.
- Please ensure the product is installed with the screen in landscape orientation. Any 90° clockwise or counterclockwise installation may induce poor ventilation and subsequent component damage.



1.5 - Important Safety Guidelines

Explanation of WARNING symbols




The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of not isolated dangerous voltage within the inside of the product that may be sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

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. 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 L13e LCD TV.
 - Unplug the power cord before cleaning the L13e LCD TV. A damp cloth is sufficient for cleaning the L13e LCD 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 L13e LCD TV from an area of low temperature to an area of high temperature, condensation may form on the housing. Do not turn on the L13e LCD TV immediately after this to avoid causing fire, electric shock or component damage.
 - Do not place the L13e LCD TV on an unstable cart, stand, or table. If the L13e LCD TV falls, it can injure a person and cause serious damage to the appliance.
- 
- A distance of at least 2 feet should be maintained between the L13e LCD and any heat source, i.e. radiator, heater, oven, amplifier etc. Do not install the product close to smoke. Operating the product close to smoke or moisture may cause fire or electric shock.
 - Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the L13e LCD TV and to protect it from overheating, be sure these openings are not blocked or covered. Do not place the L13e LCD TV in a bookcase or cabinet unless proper ventilation is provided.
 - Never push any object into the slot on the L13e LCD TV cabinet. Do not place any objects on the top of the product. It could short circuit parts causing a fire or electric shock. Never spill liquids on the L13e LCD TV.
 - The L13e LCD 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 L13e LCD 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.
 - 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.
 - Only the marked power source can be used for the product. Any power source other than the specified one may cause fire or electric shock.
 - Do not touch the power cord during lightning. To avoid electric shock, avoid handling the power cord during electrical storms.
 - Unplug the unit during a lightning storm or when it will not be used for long period of time. This will protect the L13e LCD TV from damage due to power surges.
 - 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.
 - Keep the product away from moisture. Do not expose this appliance to rain or moisture. If water penetrates into the product, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.
 - Do not use the product if any abnormality occurs. If any smoke or odor becomes apparent, unplug the power cord and contact your dealer immediately. Do not try to repair the product yourself.



1.5 - Important Safety Guidelines

- Avoid using dropped or damaged appliances. If the product is dropped and the housing is damaged, the internal components may function abnormally. Unplug the power cord immediately and contact your dealer for repair. Continued use of the product may cause fire or electric shock.
- Follow instructions for moving the product. Ensure that the power connector and any other cables are unplugged before moving the product.
- Hold the power connector when removing the power cable. Pulling the power cable itself may damage the wires inside the cable and cause fire or electric shock. When the product will not be used for an extended period of time, unplug the power connector.
- To avoid risk of electric shock, do not touch the connector with wet hands.
- Insert batteries for the remote control in accordance with instructions. Incorrect polarities may cause damage and leakage of the batteries, operator injury and contamination the remote controller.
- If any of the following occurs please contact the dealer:
 - The power connector fails or frays.
 - Liquid sprays or any object drops into the L13E LCD 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: 0°C ~ 35°C (32°F ~ 95°F), Humidity: 20% to 90% non-condensing

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

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall not be placed on the apparatus.

CAUTION-TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



1.6 - Television Antenna Connection Protection

External Television Antenna Grounding

If an outside antenna or cable system is to be connected to the LCD 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 the grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements of the grounding electrode.

Lightning Protection

For added protection of the LCD TV during a lightning storm or when it is left unattended or unused for long periods of time, unplug the LCD 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.



1.7 - Package Contents



V, Inc. VIZIO L13e LCD TV

Standard Remote Control

Power Cord

AV Cable

3 Colored Bezels – white, blue and pink

This User Guide

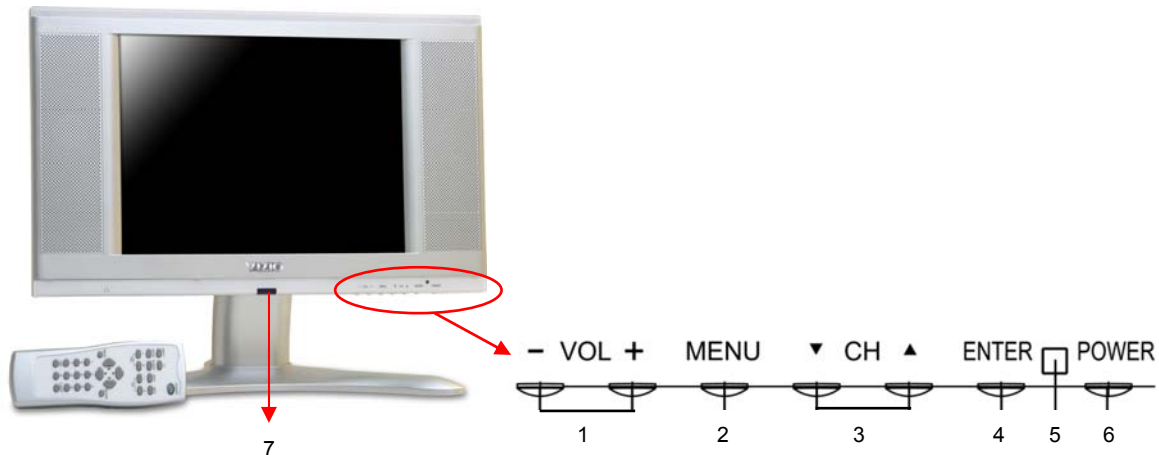
IMPORTANT: Save the original box and all the packing material for future shipping needs.

Note: Your product may also include various other accessories depending on region of purchase.



1.8 - Front Panel

Use the buttons on the front panel control to display and adjust the On Screen Display (OSD).

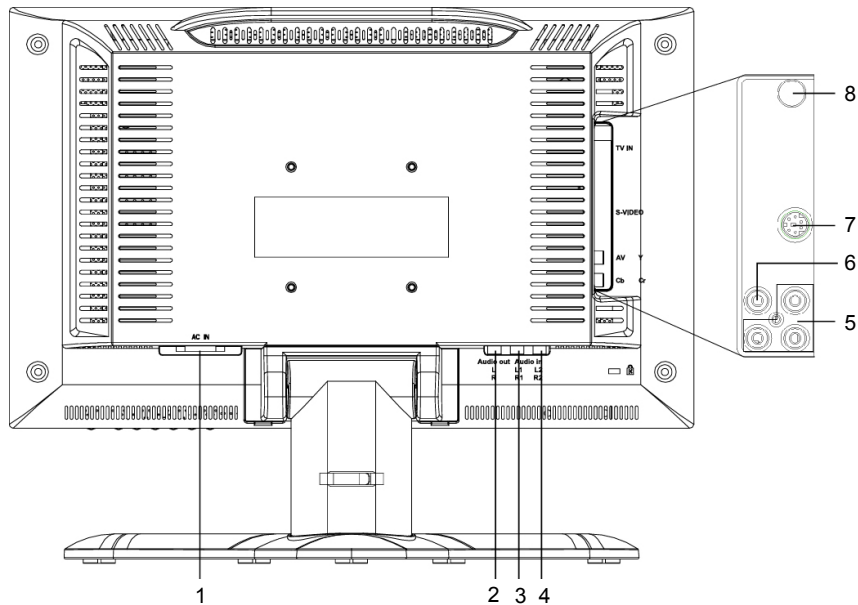


- 1) **Volume -/+** - These buttons are used to increase or decrease the speaker volume. While the OSD is active, these buttons function as adjustment controls in the OSD menus.
- 2) **Menu** – When this button is pressed, the OSD main menu will appear on the screen. If it is pressed while the main menu is displayed, the main menu will disappear. If pressed while an OSD sub menu is displayed, it will exit the sub menu and go back to the last menu.
- 3) **Channel ▼/▲** – These buttons are used to increase or decrease the selected channels. While the OSD is active, these buttons function as select controls in the OSD menus.
- 4) **Enter** - This button is used to select the highlighted option within the OSD menus.
- 5) **Power LED** - Lights green when powered on.
- 6) **Power** - Switch the TV on by pressing the button once. Press the button again to turn the TV off.
- 7) **Remote Control Sensor** – This is the window that passes all of the remote signals to the sensor. Point the remote control directly at this window for the best response to the remote signal.

Note: In all submenus, the cursor movement is circulatory. For example, if the ▼ Ch button is pressed when the cursor is on the last item in the submenu, the cursor will move to the main icon.



1.9 - Rear Panel Connections

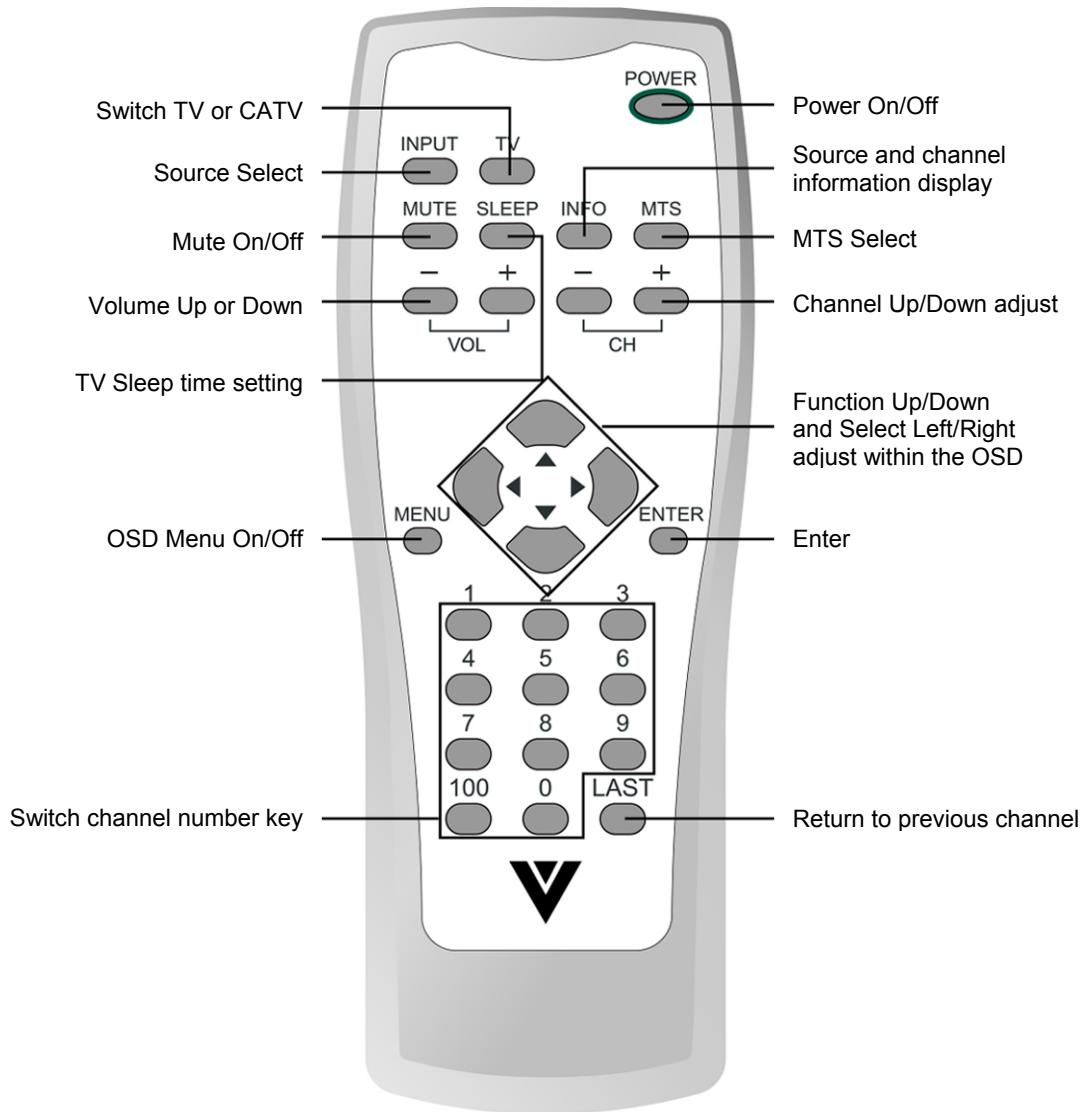


1. **AC In** – Connect one end of the power cord here and connect the other end of the power cord to a wall socket.
2. **Audio Out, R and L (Right and Left)** – Connect the internal audio to an external source.
3. **Audio In, R1 and L1 (Right and Left)** – Connect the external audio from the video source such as a DVD player or set-top box.
4. **Audio In, R2 and L2 (Right and Left)** – Connect the external audio from the second video source such as a DVD player or set-top box.
5. **Component (YCbCr) Input** - Connect the external video devices with component output, such as a DVD player or set-top box.
6. **AV Input** – Connect the composite video to external video device such as VCR, DVD and video games.
7. **S-Video Input** - Connect the S-Video to external video device such as VCR, DVD and video games.
8. **TV Input** – Connect to the antenna, satellite or cable service.



1.10 - VIZIO L13e Remote Control

1.10.1 - Remote Control Description



Note: The remote control layout is for reference only.



1.10.2 - Insertion of Batteries in the Remote Control

Insert two AAA batteries into the remote control. Make sure that you match the (+) and (-) symbols on the batteries with the (+) and (-) symbols inside the battery compartment. Re-attach the battery cover.

Precautionary Tips for Inserting the Batteries:

- Only use the specified AAA batteries.
- Do not mix new and old batteries. This may result in cracking or leakage that may pose a fire risk or lead to personal injury.
- Inserting the batteries incorrectly may result in cracking or leakage that may pose a fire risk or lead to personal injury.
- Dispose of the batteries in accordance with local laws and regulations.
- Keep the batteries away from children and pets.



1.10.3 - Remote Control Range

- Point the remote control at the remote control sensor to transmit the commands.
- Do not place any obstacles between the remote control and the receiver window.
- The effective range of the remote control is approximately 6 feet (2 meters) from the front of the receiver window, 30° to the left and right, 20° up and down.

1.10.4 - Precautions for the VIZIO Remote Control





- Remote control should be kept dry and away from heat sources. Avoid humidity.
- If the display responds erratically to the remote control or does not respond at all, check the batteries. If the batteries are low or exhausted, replace them with fresh batteries.
- When not using the remote control for a long period of time, remove the batteries.
- Do not take apart the batteries, heat them, or throw them into a fire.
- Do not subject the remote control to undue physical stress, such as striking or dropping it.
- Do not attempt to clean the remote control with a volatile solvent. Wipe it with a clean, damp cloth.



Chapter 2 - Connecting Components

2.1 - Which Video Connection Should I Use?

The VIZIO L13e LCD TV has four 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 and the video in one cable. If you have an antenna or cable, this is the only way you can connect it to the LCD TV. If you have a VCR, you can 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 connection.
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. It 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 this type of input.

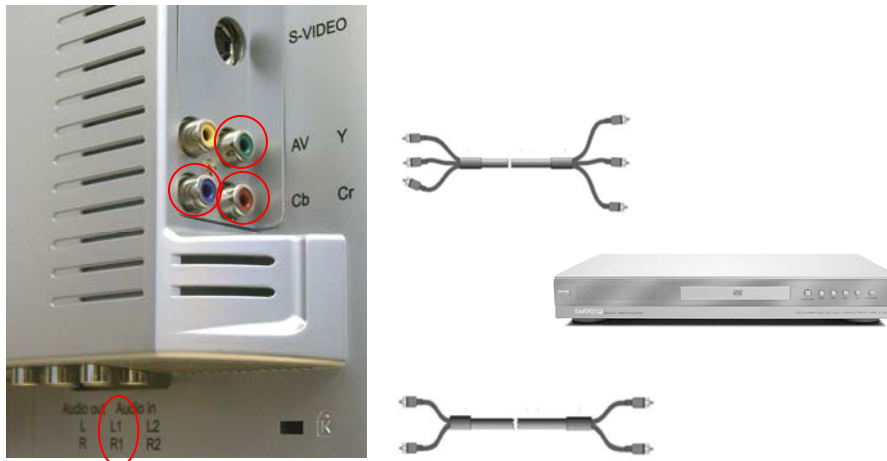


2.2 - Connecting Your DVD Player

You have several options for connecting your DVD player to your new L13e LCD TV - Component, S-Video and Composite inputs. Based on your home theater configuration, you can decide which option is the right one for you.

2.2.1 - Using Component Video

Installation:



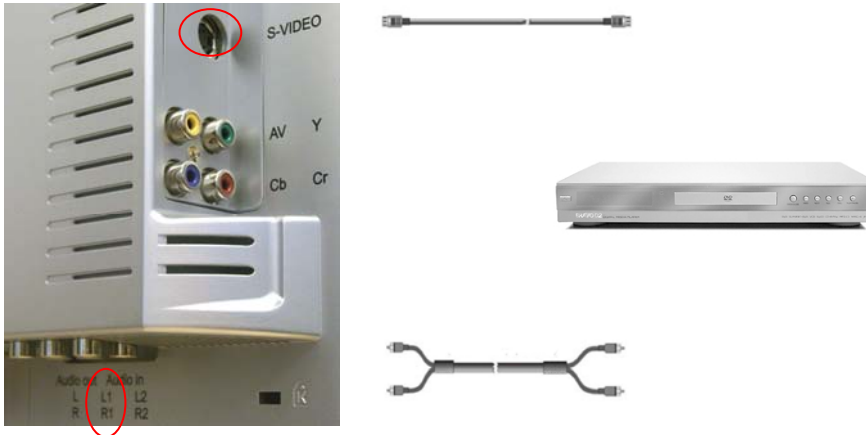
1. Turn off the power to the LCD TV and DVD player.
2. Connect the Y (green color) connector on the rear of your DVD player to the corresponding Y (green color) connector on the side of your LCD TV.
3. Connect the Cb (blue color) connector on the rear of your DVD player to the corresponding Cb (blue color) connector on the side of your LCD TV.
4. Connect the Cr (red color) connector on the rear of your DVD player to the corresponding Cr (red color) connector on the side of your LCD TV.
5. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R1 (red color) and L1 (white color) in the Audio In connections on the rear of your LCD TV.
6. Turn on the power to the LCD TV and DVD player.
7. Select YCbCr using the Input button on the remote control.

Note: Refer to your DVD player user manual for more information about the video output requirements of the product.



2.2.2 - Using S-Video

Installation:



1. Turn off the power to the LCD TV and DVD player.
2. Connect the S-Video jack on the rear of your DVD player to the S-Video jack on the side of your LCD TV.
3. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R1 (red color) and L1 (white color) in the Audio In connections on the rear of your LCD TV.
4. Turn on the power to the LCD TV and DVD player.
5. Select S-Video using the Input button on the remote control.

Note: Refer to your DVD player user manual for more information about the video output requirements of the product.



2.2.3 - Using Composite Video

Installation:



1. Turn off the power to the LCD TV and DVD player.
2. Connect the Video/Composite (yellow color) connector on the rear of your DVD player to the AV connector on the side of your LCD TV.
3. Connect the R (red color) and L (white color) audio connectors on the rear of your DVD player to the R1 (red color) and L1 (white color) Audio In connections on the rear of your LCD TV.
4. Turn on the power to the LCD TV and DVD player.
5. Select AV using the Input button on the remote control.

Note: Refer to your DVD player user manual for more information about the video output requirements of the product.

2.3 - Connecting Your VCR or Video Camera

Installation:

1. Turn off the power to the LCD TV and VCR or video camera.
2. Connect the S-Video jack on your VCR or video camera to the S-Video jack on the side of your LCD TV.
3. Connect the R (red color) and L (white color) audio connectors on your VCR or video camera to the R1 (red color) and L1 (white color) in the Audio In connections in the rear of your LCD TV.
4. Turn on the power to the LCD TV and VCR or video camera.
5. Select S-Video using the Input button on the remote control.

Note: Refer to your VCR or video camera user manual for more information about the video output requirements of the product.



2.4 - Connecting Coaxial (RF)

There are several options for connecting your antenna or cable to your new L13e LCD TV - directly to the TV or through your VCR. Based on your home theater configuration, you can decide which option is the right one for you.

2.4.1 - Using Your Antenna or Cable TV

Installation:

1. Turn off the power to the LCD TV.
2. Connect the coaxial (RF) connector from your antenna or cable box to the TV connector on the rear of your LCD TV.
3. Turn on the power to the LCD TV
4. Select TV using the Input button on the remote control.



Note:

- a) Make sure the antenna or cable TV is correctly grounded.
- b) See page 19-20 for selecting the TV source within the OSD menus (standard cable, HRC cable, IRC cable, air (antenna)).

2.4.2 - Using the Antenna through Your VCR

Installation:



1. Turn off the power to the LCD TV and VCR.
2. Connect the "Output to TV" (RF Out or Antenna Out) connector on the rear of your VCR to the TV connector on the rear of your LCD TV.
3. Turn on the power to the LCD TV and VCR.
4. Select TV using the Input button on the remote control.
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 RF connector on the rear of your VCR.
- b) Make sure the antenna or cable TV is correctly grounded.



Chapter 3 - Getting Started

3.1 - Turning your LCD TV On and Off

1. Plug the power cord into an AC wall socket.
2. Press the POWER button on the front panel or the POWER button on the remote control to power on the LCD TV. The POWER indicator on the front panel will light green.
3. Select the input source for the LCD TV using the Input button on the remote control.
4. If connecting to antenna, cable or other RF source on TV inputs, see page 19-20 to configure the product to receive all available channels.

3.2 - Installation of Wall Mount (Optional)

If you would like to mount your L13e LCD TV to the wall, you can contact V, Inc. directly or your local dealer to obtain the appropriate wall mounting kit. To convert your LCD TV from a desk-mounted to a wall-mounted display, follow the instructions below:

1. Disconnect Power.
2. Lay the LCD TV face down on a towel or blanket to protect the screen from damage.
3. Press gently on the 2 concave portions of the back bezel near the stand hinge with both your thumbs (see Figure 3.2.a)
4. Pull the stand cover towards you to detach it from the back panel of the TV and remove the cover completely (see Figure 3.2.b and 3.2.c).



Fig. 3.2.a



Fig. 3.2.b



Fig. 3.2.c

5. Unscrew the 4 set screws (see Figure 3.2.d).



Fig. 3.2.d

6. Remove the stand from the back of the TV (see Figure 3.2.e).



Fig. 3.2.e

7. Attach the LCD TV to the wall, following the instructions with the wall-mounting kit.



3.3 - Adjusting Basic LCD 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.



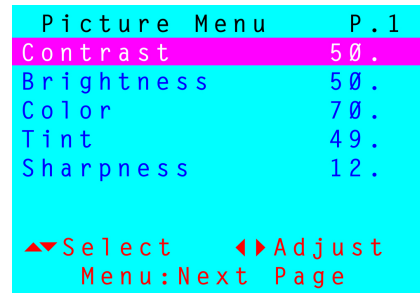
3.4 - Using the On-Screen Display (OSD)

The remote control or the control keys on the top panel of the LCD TV can control all the function settings. The on-screen display (OSD) allows you to adjust and save contrast, brightness and other settings. The LCD TV will save changes made to the settings even if the LCD TV is turned off.

3.4.1 - 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 remote control and the Main Menu will be displayed on the screen, as shown opposite.
2. Use the ▲/▼ buttons on the remote control to highlight the feature you wish to select within the OSD menu.
3. Use the ◀/▶ buttons on the remote control to adjust the selected option.
4. Press the MENU button on the remote control to confirm the desired selection.
5. Repeat steps 3 and 4 to adjust additional options within the selected OSD menu.
6. Once you have finished making adjustments within the selected OSD menu, press the MENU button on the remote to move to the next page (for example, Sound Menu).
7. Once all the adjustments are completed, press the Menu button on the remote control repeatedly to exit the OSD.



NOTE: The OSD menu display will disappear automatically after 30 seconds if no action is taken.



3.4.2 - OSD Menus and Options

The OSD Menu includes four sub menus: Picture Menu, Sound Menu, Option Menu and Setup Menu. With the different input sources, there will be a corresponding change in the OSD menu.

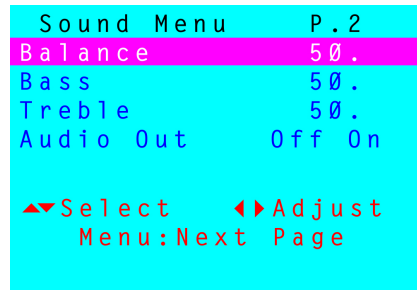
3.4.2.1 – Picture Menu

Contrast - Adjusts the white levels of the picture.
 Brightness - Adjusts the black levels of the picture. Users may need to readjust the brightness after the TV warms up.
 Color - Adjusts the color saturation making colors more intense.
 Tint - Adjusts the color of flesh tones.
 Sharpness - Adjusts the amount of detail enhancement in increments of approximately 12 (12, 25, 37, 50, 66, 83, 100).



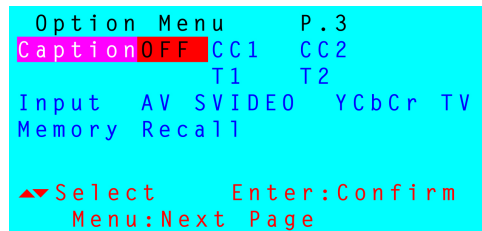
3.4.2.2 – Sound Menu

Balance - Adjusts the balance level between the channels.
 Bass - Adjusts the bass.
 Treble - Adjust the treble.
 Audio Out - Sets audio out as either off or on.



3.4.2.3 – Option Menu

Caption - Turns the close caption OFF or CC1, CC2, TT1, TT2.
 Input – Selects the input source type from one of the following: AV, S-Video, YCbCr or TV.
 Memory Recall – Recall factory settings for video and audio settings.



3.4.2.4 – Setup Menu

(Note: This menu is only available in TV mode)

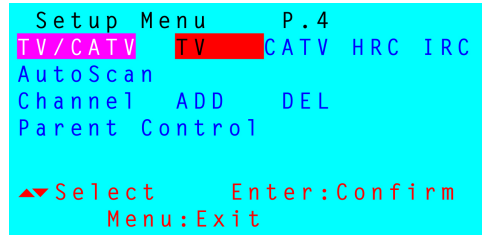
TV/CATV – Selects the TV signal input from one of the following: TV, CATV, HRC and IRC.

AutoScan – Scans the TV channels (TV or CATV) automatically.

Channel – Adds or deletes selected TV channel.

Parent Control – Sets V-Chip condition and password.

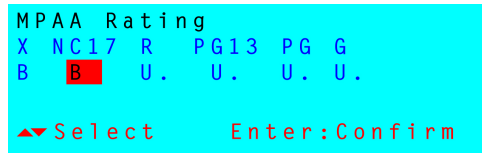
User will need a password to enter this menu. The default password is “0 0 0 0”. For details, see section 3.4.3 - Using the Parental Controls on page 21.



3.4.2.4.1 – MPAA Rating

MPAA Rating - Choose either B (Block) or U (Unblock) for the following settings:

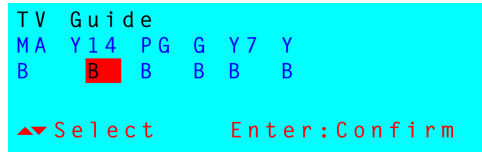
- X - Adult audience only
- NC-17 - No one under 17 years of age
- R - Mature audience
- PG-13 - Recommended for children 13 years of age and older
- PG - Parental guidance suggested
- G - General audience



3.4.2.4.2 – TV Rating

TV Rating – Choose either B (Block) or U (Unblock) for the following settings:

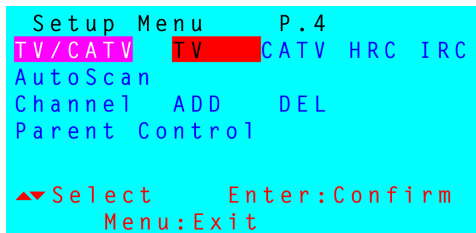
- MA - Mature audience
- Y14 - Strongly cautioned
- PG - Guidance suggested
- G - General audience
- Y7 - Older children
- Y - All children



3.4.3 - 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 Input button on the remote control and select TV as the input source.
2. Press the MENU button four times on the remote control so that the Setup Menu is displayed on the screen.
3. Press ▼ on the remote control until the Parent Control menu is highlighted. Then press ENTER.
4. To access the Parent Control Menu, you must first enter in the default password.
 - a) Press "0 0 0 0" on the remote control as the default password.
 - b) Then press ENTER to confirm the selection.

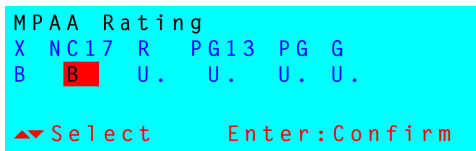


Note: For more information about setting a password, see "Setting a Password", page 22.

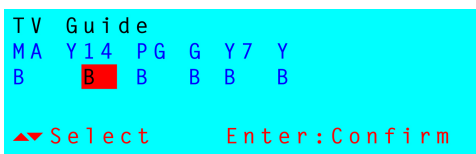
5. The V-Chip Block option will already be highlighted. Press the ► button to select "on".
6. Press ENTER to confirm.

Note: This will exit the menu and you will need to repeat steps 2 through 4 to access the Parent Control menu again.

7. Once you are back into the Parent Controls, press the ▼ button to select the MPAA Rating menu. Then press the ENTER button on the remote control.
8. Using the ◀/▶ buttons on the remote control, navigate through the following options:
 - X (no one under 17 years of age)
 - NC-17 (no one under 17 years of age)
 - R (mature audience)
 - PG-13 (Recommended for children 13 years of age and older)
 - PG (Parental guidance suggested)
 - G (General audience)
9. Once the text is red, press the ENTER button to switch between B (block) or U (unblock).
10. Once you are finished setting the MPAA ratings, press the MENU button to exit.
11. Press the ▼ button to select the TV Rating menu. Then press the ENTER button on the remote control.



12. Using the ◀/▶ buttons on the remote control, navigate through the following options:
 - MA (mature audience)
 - Y14 (strongly cautioned)
 - PG (guidance suggested)
 - G (general audience)
 - Y7 (older children)
 - Y (all children)



13. Once the text is red, press the ENTER button to switch between B (block) or U (unblock).
14. Once you are finished setting the TV ratings, press the MENU button repeatedly to exit the OSD.

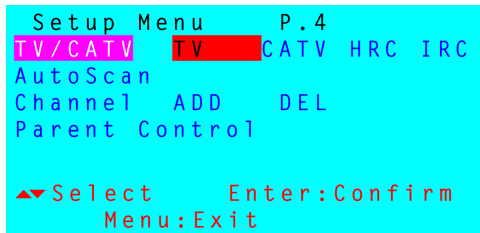


3.4.4 - Setting a Password

You control access to the Parent Control Menu features with a password. The default password is “0 0 0 0”. You can change the password to any four-digit number.

To change the password:

1. Press the Input button on the remote control and select TV as the input source.
2. Press the MENU button four times on the remote control so that the Setup Menu is displayed on the screen.
3. Press ▼ on the remote control until the Parent Control menu is highlighted. Then press ENTER.



4. To access the Parent Control Menu, you must first enter in the default password.
 - a. Press “0 0 0 0” on the remote control as the default password.
 - b. Then press ENTER to confirm the selection.



5. Press the ▼ button on the remote control to select “New PinCode”, and then press the ENTER button.
6. Enter in your new 4-digit password. Then press the ENTER button on the remote control.
7. Confirm the new 4-digit password. Then press the ENTER button on the remote control.

Note: Please make sure to write down and store the new password in a secured place.



Chapter 4 - Maintenance and Troubleshooting

4.1 - Maintenance

Important

1. Make sure that the power cable is removed from the socket before cleaning the display.
2. Do not use volatile solvent (such as toluene, rosin and alcohol) to clean the display. Such chemicals may damage the housing, screen glass and remote control, and cause the paint to peel.

Cleaning the Housing and the Remote Control

1. Use a soft cotton cloth for cleaning.
2. If the housing or remote control is seriously contaminated, use a soft cloth moistened with diluted neutral cleaner to clean the display. Wring water out of the cloth before cleaning to prevent water from penetrating into the housing. Wipe the display with a dry cloth after cleaning.

Cleaning the Screen

1. Use a soft cotton cloth to gently clean the screen.
2. The screen glass is very fragile. Do not scrape it with any sharp object. Do not press or tap the screen to avoid cracking. When the screen is seriously contaminated, use a soft cloth moistened with diluted neutral cleaner to clean the display. Wring water out of the cloth before cleaning to prevent water from penetrating into the housing. Wipe the display with a dry cloth after cleaning.

4.2 - Troubleshooting Guide

If the display fails or the performance changes dramatically, check the display in accordance with the following instructions. Remember to check the peripherals to pinpoint the source of the failure. If the display still fails to perform as expected, contact the dealer for assistance.

Problem	Solution
There isn't any power.	Make sure the DC power button is ON (green LED). Make sure the AC power cord is securely connected to the AC socket. Plug another electrical device to the power outlet to verify that the outlet is working properly.
Power is ON, but there is not an image on the screen.	Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the DVD player or VCR. If the other end of the video cable is not attached permanently to the LCD display, tightly secure it to the LCD display. Adjust brightness and contrast. Check Source settings.
The image on the screen has incorrect or abnormal colors.	If any colors (red, green, or blue) are missing, check the video cable (YCbCr) to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection. Connect the LCD display to another DVD Player or VCR.



Control buttons do not work.	Press only one button at one time.
Snow appears on screen.	Check your antenna connection. Check TV / CATV selection.
There isn't any sound.	Check your audio connection. Press MUTE on the remote control again, so that MUTE disappeared from the screen. Check your audio settings, your TV audio may be set to SAP or minimum. Press the Volume + (Up) key on your remote control. Make sure that headphones are not connected.
There is only sound coming out of one speaker.	Press MTS on the remote control and make sure that the audio setting is set to STEREO.
Remote control does not work.	Make sure batteries are inserted correctly. Batteries could be exhausted.

4.3 - Telephone & Technical Support

Products are often returned due to a technical problem rather than a defective product that 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: (714) 668-0588, 7am-4pm PST Mon - Fri
Or E-mail: techsupp@vinc.com

Corporate Contact Information
V, Inc.
320A Kalmus Drive
Costa Mesa, CA 92626
Tel: (714) 668.0588 Fax: (714) 668-9099
Web: www.VINC.com



4.4 - 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

4.5 - 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.



V INC. LIMITED WARRANTY

For VIZIO LCD 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. LCD 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.

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 LCD Panel. 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 LCD 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, Call (877) 668.VINC (8462)
or E-mail Techsupp@vinc.com



WHERE
VISION
MEETS
VALUE