This product qualifies for ENERGY STAR in the “factory default” setting and this is the setting in which power savings will be achieved. Changing the factory default picture settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR rating.

For DTS patents, see http://patents.dts.com.

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HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
Welcome

THANK YOU FOR CHOOSING VIZIO

And congratulations on your new VIZIO HDTV.

To get the most out of your new VIZIO product, read these instructions before using your product and retain them for future reference. Be sure to inspect the package contents to ensure there are no missing or damaged parts.

PRODUCT REGISTRATION

To purchase or inquire about accessories and installation services for your VIZIO product, visit our website at www.VIZIO.com or call toll free at (877) 878-4946.

We recommend that you either:

• Register your VIZIO product at www.VIZIO.com
• Complete and mail the enclosed registration card

Extended Warranties

For peace of mind, and to protect your investment beyond the standard warranty, VIZIO offers on-site extended warranty service plans. These plans provide additional coverage during the standard warranty period. To purchase an extended warranty service plan, visit www.VIZIO.com.

WHEN READING THIS MANUAL

When you see this symbol, please read the accompanying important warning or notice. It is intended to alert you to the presence of important operating instructions.

When you see this symbol, please read the accompanying helpful tip.

IMPORTANT SAFETY INSTRUCTIONS

Your TV is designed and manufactured to operate within defined design limits. Misuse may result in electric shock or fire. To prevent your TV from being damaged, the following instructions should be observed for the installation, use, and maintenance of your TV. Read the following safety instructions before operating your TV. Keep these instructions in a safe place for future reference.

• To reduce the risk of electric shock or component damage, switch off the power before connecting other components to your TV.
• Read these instructions.
• Keep these instructions.
• Heed all warnings.
• Follow all instructions.
• Do not use this apparatus near water.
• Clean only with dry cloth.
• Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
• Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
• Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
• Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
• Only use attachments/accessories specified by the manufacturer.
• Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

• Unplug this apparatus during lightning storms or when unused for long periods of time.

• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

• Unplug the power cord before cleaning your TV.

• When moving your TV from an area of low temperature to an area of high temperature, condensation may form in the housing. Wait before turning on your TV to avoid causing fire, electric shock, or component damage.

• A distance of at least three feet should be maintained between your TV and any heat source, such as a radiator, heater, oven, amplifier etc. Do not install your TV close to smoke. Operating your TV 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 your TV and to protect it from overheating, be sure these openings are not blocked or covered. Do not place your TV in a bookcase or cabinet unless proper ventilation is provided.

• Never push any object into the slots and openings on your TV cabinet. Do not place any objects on the top of your TV. Doing so could short circuit parts causing a fire or electric shock. Never spill liquids on your TV.

• Your 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.

• Do not apply pressure or throw objects at your TV. This may compromise the integrity of the display. The manufacturer’s warranty does not cover user abuse or improper installations.

• The power cord must be replaced when using different voltage than the voltage specified. For more information, contact your dealer.

• When connected to a power outlet, power is always flowing into your TV. To totally disconnect power, unplug the power cord.

• The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-isolated, dangerous voltage within the inside of your TV that may be of sufficient magnitude to constitute a risk of electric shock to persons.

• Do not overload power strips and extension cords. Overloading can result in fire or electric shock.

• The wall socket should be installed near your TV and easily accessible.

• Only power of the marked voltage can be used for your TV. Any other voltage than the specified voltage 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 your TV during a lightning storm or when it will not be used for long period of time. This will protect your TV from damage due to power surges.

• Do not attempt to repair or service your TV yourself. Opening or removing the back cover may expose you to high voltages, electric shock, and other hazards. If repair is required, contact your dealer and refer all servicing to qualified service personnel.

• WARNING: Keep your TV away from moisture. Do not expose your TV to rain or moisture. If water penetrates into
your TV, unplug the power cord and contact your dealer. Continuous use in this case may result in fire or electric shock.

- Do not use your TV 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 your TV yourself.
- Avoid using dropped or damaged appliances. If your TV 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 your TV may cause fire or electric shock.
- Do not install your TV in an area with heavy dust or high humidity. Operating your TV in environments with heavy dust or high humidity may cause fire or electric shock.
- Follow instructions for moving your TV. Ensure that the power cord and any other cables are unplugged before moving your TV.
- When unplugging your TV, hold the AC/DC power adapter, not the cord. Pulling on the power cord may damage the wires inside the cord and cause fire or electric shock. When your TV will not be used for an extended period of time, unplug the power cord.
- To reduce risk of electric shock, do not touch the connector with wet hands.
- Insert batteries in accordance with instructions. Incorrect polarities may cause the batteries to leak which can damage the remote control or injure the operator. Do not expose batteries to excessive heat such as sunshine, fire or the like.
- If any of the following occurs, contact the dealer:
  - The power cord fails or frays.
  - Liquid sprays or any object drops into your TV.
  - Your TV is exposed to rain or other moisture.
  - Your TV is dropped or damaged in any way.
  - The performance of your TV changes substantially.

- This apparatus shall not be exposed to dripping or splashing and no objects fill with liquids, such as vases, shall be placed on the apparatus.
- The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- CAUTION - These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated DANGEROUS VOLTAGE within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.
TELEVISION ANTENNA CONNECTION PROTECTION

If an outside antenna/satellite dish or cable system is to be connected to the 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 TV during a lightning storm or when it is left unattended or unused for long periods of time, unplug the 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. Remember, the screen of the coaxial cable is intended to be connected to earth in the building installation.
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Installing the TV

INSPECTING THE PACKAGE CONTENTS
Before installing your new TV, take a moment to inspect the package contents. Use the images below to ensure nothing is missing or damaged.

VIZIO LED HDTV with Stand

INSTALLING THE TV
After removing the TV from the box and inspecting the package contents you can begin installing the TV. Your TV can be installed in two ways:

• On a flat surface, using the included stand
• On a wall, using a VESA-standard wall mount (not included)

Installing the TV Stand
Your TV includes a stand designed to support the weight of the TV and keep it from falling over. However, the TV can still fall over if:

• It is placed on an uneven, unstable, or non-level surface
• It is pushed, pulled, or otherwise improperly moved
• If an earthquake occurs and the TV is not properly secured

Power Cord
Remote Control with Batteries
6 x M4 14mm Phillips Screws

PACKAGE CONTENTS

Quick Start Guide

TV ON STAND
It is recommended that two people take part in the base installation.

Place the TV screen-down on a clean, flat surface. To prevent scratches or damage to the screen, place the TV on a soft surface such as a blanket.

To install the base:

1. Align the neck piece with the bottom of the TV and slide it into place as shown.

2. Using a Phillips screwdriver, tighten the three (3) Phillips screws into the center of the neck piece to secure it to the TV.
Installing the TV on a Wall
To mount your TV on a wall, you will need a wall mount. Consult
the information below to find the appropriate mount for your TV
model:

Installing a TV on a wall requires lifting. To prevent
injury or damage to the TV, ask someone to help you.

<table>
<thead>
<tr>
<th>E500i-B1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw Size:</td>
</tr>
<tr>
<td>Screw Pitch:</td>
</tr>
<tr>
<td>Screw Length:</td>
</tr>
<tr>
<td>Hole Pattern:</td>
</tr>
</tbody>
</table>

Be sure the mount you choose is capable of supporting the
weight of the TV. After you have determined that you have the
correct mount for your TV, you can begin the installation.

To install your TV on a wall:
1. Disconnect any cables connected to your TV.
2. Place the TV face-down on a clean, flat, stable surface.
   Be sure the surface is clear of debris that can scratch or
damage the TV.
3. Remove the base by loosening and removing the screws.
4. Attach your TV and wall mount to the wall, carefully following
   the instructions that came with your mount.

Use only with a UL-listed wall mount bracket rated for the
weight/load of this TV. See Appendix A - Specifications
for the weight of this TV.

3. Align the base with the neck and tighten the remaining
   three (3) screws using a Phillips screwdriver.

4. When you are finished, place the TV on a stable,
   level surface.
**Controls and Connections**

- **Ethernet** - Connect Ethernet cable from home network.
- **Coaxial** - Connect coaxial cable from cable, satellite, or antenna.
- **Optical Audio Out** - Connect optical/SPDIF audio device, such as home audio receiver.
- **Stereo Audio Out** - Connect RCA audio device, such as sound bar.
- **HDMI** - Connect HDMI device.
- **Component/Composite** - Connect component or composite device.
- **USB** - Connect USB thumb drive to play photo, music, or video.
- **HDMI** - Connect HDMI device.
- **Ethernet** - Connect Ethernet cable from home network.
POWER - Press and hold to turn TV off or on.

INPUT - Press to change input source.
REMOTE SENSOR & POWER INDICATOR
When using the remote, aim it directly at this sensor.

The power indicator flashes on when the TV turns on, then goes out after several seconds. To keep the power indicator on as long as the TV is on, see Turning the Power Indicator On or Off on page 39.
REMOTE CONTROL

Change the currently-displayed input.

A/V CONTROLS
Control USB media player.

CLOSED CAPTIONS
Open the closed caption menu.

EXIT
Close the on-screen menu.

OK
Select the highlighted menu option.

BACK
Go to the previous on-screen menu.

VOLUME UP/DOWN
Increase or decrease loudness of the audio.

MUTE
Turn the audio off or on.

NUMBER PAD
Manually enter a channel.

WIDE
Switch the display mode.

APP LAUNCHER
Quickly launch the pictured app.

POWER
Turn TV on or off.

INFO
Display the info window.

MENU
Display the on-screen menu.

ARROW
Navigate the on-screen menu.

GUIDE
Display the info window.

V BUTTON
Open the VIZIO Internet Apps Plus® dock.

CHANNEL UP/DOWN
Change the channel.

LAST
Return to the channel last viewed.

DASH
Use with number pad to manually enter a digital sub-channel. (For example, 18-4 or 18-5.)
Replacing the Batteries

1. Remove the battery cover.
2. Insert two batteries into the remote control. Make sure that the (+) and (−) symbols on the batteries match the (+) and (−) symbols inside the battery compartment.
3. Replace the battery cover.
Connecting Your Devices

CONNECTING A DEVICE

Your TV can be used to display output from most devices.

1. Verify that your device has a video port that matches an available port on the TV (HDMI, Component, etc).
2. Turn the TV and your device off.
3. Connect the appropriate cable (not included) to the TV and the device.
4. Turn the TV and your device on. Set the TV’s input to match the connection you used (HDMI-1, HDMI-2, etc).
### CONNECTING A DEVICE - AUDIO AND VIDEO CABLE TYPES

#### AV CABLE
AV cables (or Composite cables) are the traditional way of connecting your devices to your TV. Video signals are sent over the yellow connector while audio is sent over the red and white connectors.

- Video Resolutions up to 480i
- Analog Connection
- Audio and Video Signals

![AV Cable Diagram](image)

#### BETTER

#### COAXIAL CABLE
Coaxial cables are the traditional way of connecting antennas and cable television signals to your TV. Coaxial cables carry both audio and video signals through a single connector.

- HD Video Resolutions up to 1080i
- Analog Connection
- Audio and Video Signals

![Coaxial Cable Diagram](image)
COMPONENT CABLE

Component cables are designed to carry high definition video signals along with additional audio connections. Colors are delivered with color information split up three different ways over three connectors for video (separated into Red, Blue and Green signals) and the left and right audio connectors (Red and White).

- HD Video Resolutions up to 1080i
- Analog Connection
- Audio and Video Signals

HDMI CABLE

HDMI is the intelligent, all-digital interface that delivers both dazzling quality and unmatched ease of use. HDMI technology transmits crystal-clear digital video along with multi-channel surround audio. HDMI-connected devices have the ability to automatically adjust themselves for optimal viewing.

- HD Video Resolutions up to 1080p
- HD Audio
- Digital Connection
- Audio and Video Signals
CONNECTING AN AUDIO DEVICE

Your TV can output sound to an audio device, such as a receiver or sound bar.

1. Verify that your device has a video port that matches an available port on the TV (Optical, RCA, etc).
2. Turn the TV and your audio device off.
3. Connect the appropriate cable (not included) to the TV and the device.
4. Turn the TV and your device on.

HOME AUDIO RECEIVER

VIZIO Sound Bar

HDMI CABLE
BEST
- CFC 2-WAY COMMUNICATION
- 2.0-5.1 DIGITAL AUDIO
- PCM, DTS, DOLBY DIGITAL

OPTICAL/SPDIF CABLE
BETTER
- PCM STREAM
- DOLBY DIGITAL 5.1 CHANNEL
- DTS 5.1 CHANNEL

3.5MM CABLE
GOOD
- ANALOG STEREO CONNECTION
- 2.0 CHANNEL
CONNECTING AN AUDIO DEVICE - AUDIO CABLE TYPES

RCA CABLE
AV cables (or Composite cables) are the traditional way of connecting your devices to your audio device. Audio signals are sent over the red and white connectors.

- Quality Stereo Connection
- 2.0 Channel
- Analog Connection
- Audio Signal Only

OPTICAL/SPDIF CABLE
Optical/SPDIF cables transmit audio signals as pulses of light through a cable made of plastic fibers. Audio signals are digitally transmitted between devices.

- PCM Stream (Lossless)
- Dolby Digital 5.1 Channel
- DTS 5.1 Channel
- Digital Connection
- Audio Signal Only

HDMI CABLE
HDMI technology transmits crystal-clear digital multi-channel surround audio through a single HDMI cable. Audio Return Channel-enabled (ARC) TVs allow audio to be sent over an already connected HDMI cable, eliminating the need for a separate audio cable. See Connecting an Audio Device - ARC on page 16.

- CFC 2-way Communication (Auto setup)
- PCM, DTS, Dolby Digital
- 2.0-5.1 Scaleable Lossless Digital Audio Connection
- Audio and Video Signals
Without HDMI ARC

Without an HDMI ARC setup, your TV will transmit audio signal from the built-in tuner and VIA apps to your home audio receiver through a separate audio connection.

With HDMI ARC

With an HDMI ARC setup, the audio connection between your TV and Home Audio Receiver can be removed. The HDMI cable will transmit audio signal to and from your TV with an all-digital audio/video connection.
CONNECTING TO YOUR NETWORK

Your TV is internet-ready. It can be connected to your home network with a Wired or Wireless connection.

Connecting to a Wired Network (Best)
1. Connect an Ethernet cable to your router and to the Ethernet port on the back of the TV. See below.
2. Use the Guided Network Setup to configure the TV. See Using Guided Setup on page 41.

Connecting to a Wireless Network
1. Ensure you have a router or modem broadcasting as high-speed wireless signal (802.11n recommended).
2. Use the Guided Network Setup to configure the TV. See Using Guided Setup on page 41.
The first time you turn on the TV, the Setup App will guide you through each of the steps necessary to get your TV ready for use.

Before you begin the first-time setup:
- Your TV should be installed and the power cord should be connected to an electrical outlet.
- Your devices should be connected.
- If you have a wireless network, have the network key ready.
- If you are connecting to your network with an Ethernet cable, connect it to the Ethernet port on the TV.

To complete the first-time setup:
1. Press the Power/Standby button on the remote. The TV powers on and the Setup App starts.
2. Use the Left/Right Arrow buttons on the remote to highlight Home Use and press OK.
3. Press the OK button to select a language and your country.
4. Use the OK and Arrow Up/Down buttons on the remote to read and accept the Terms of Service and Privacy Policy for Yahoo! TV Widgets.
When you are finished, highlight Next and press OK.
5. Select the name of your wireless network from the list of available networks and press OK.
Enter the network key using the on-screen keyboard, then highlight Connect and press OK.
6. Enter your First Name, Last Name, Phone Number, ZIP Code, and E-mail Address using the on-screen keyboard.
Highlight Next and press OK.
7. Press the OK button to select your Time Zone and Daylight Savings.
Highlight Next and press OK.
8. Answer the on-screen questions about your TV connection using the Arrow and OK buttons on the remote.

When you have finished the channel scan, highlight Exit to Live TV and press OK.

The First-Time Setup is complete.
Using the On-Screen Menu

Your TV features an easy-to-use on-screen menu.

To open the on-screen menu, press the **MENU** button on the remote. You can also open the on-screen menu by pressing the VIA button and selecting **HDTV Settings** from the VIA Dock, then pressing **OK**.

From this menu, you can:
- Adjust the Picture settings
- Adjust the Audio settings
- Activate the Sleep Timer
- Adjust the Network settings
- Adjust the Tuner settings
- Set up Closed Captioning
- Adjust TV Settings
- Access the Guided Setup
- Access the User Manual

### NAVIGATING THE ON-SCREEN MENU

To open the on-screen menu, press the **MENU** button on the remote.

Use the **Arrow** buttons to highlight a menu option, and press the **OK** button to select that option.

While navigating the on-screen menu, you can press the **BACK** button at any time to return to the previous menu screen. The **EXIT** button will close the on-screen menu.
CHANGING THE INPUT SOURCE

External devices such as DVD players, Blu-Ray Players, and video game consoles can be connected to your TV. To use one of these devices with your TV, you must first change the input source in the on-screen menu.

To change the input device:

1. Press the INPUT button on the remote. The input menu is displayed.
2. Use the Up/Down Arrow buttons or the Input button on the remote to highlight the input you wish to view and press OK. The selected input is displayed.

Note: Inputs may vary by TV.

CHANGING THE SCREEN ASPECT RATIO

The TV can display images in four different modes: Normal, Panoramic, Wide, and Zoom. Each mode displays the picture differently.

To change the screen aspect ratio:

1. Press the button on the remote.
2. Use the Arrow buttons to highlight the aspect ratio you wish to view and press OK.

- **Normal** preserves the content’s original aspect ratio. Since the 4:3 aspect ratio is not large enough to fill the TV’s screen, black bars are added to the left and right of the display image. This option is only available when the TV is displaying a 720p/1080i source.
- **Panoramic** expands the display image to fill the screen. Images may appear wider than intended. If you are watching widescreen (1.85:1 or 2.35:1) content, black bars will still appear on the top and bottom of the display image. This option is only available when the TV is displaying a 480i/480p source.
- **Wide** stretches a 4:3 aspect ratio picture to the edges of the screen. Since the picture is being stretched, the display image may appear distorted. If the program is already formatted for widescreen viewing (1.85:1 or 2.35:1), then black bars will appear on the top and bottom of the display image.
- **Zoom** expands images with black bars to fit the screen.
ADJUSTING THE PICTURE SETTINGS

Your TV display can be adjusted to suit your preferences and viewing conditions.

To adjust the picture settings:

1. Press the MENU button on the remote. The on-screen menu is displayed.

2. Use the Arrow buttons on the remote to highlight Picture and press OK. The Picture menu is displayed.

3. Use the Arrow buttons on the remote to highlight Picture Mode, then use the Left/Right Arrow buttons to change the picture mode:

   - **Standard mode** sets the various picture settings to values that meet ENERGY STAR® requirements.
   - **Calibrated mode** sets the picture settings to values perfect for watching TV in a brightly-lit room.
   - **Calibrated Dark mode** sets the picture settings to values perfect for watching TV in a dark room.
   - **Vivid mode** sets the picture settings to values that produce a brighter, more vivid picture.
   - **Game mode** reduces throughput delays and optimizes the picture settings for displaying game console output.

   - **Computer mode** optimizes the picture settings for displaying computer output.

Changing the Picture Mode setting to **Custom** allows you to manually change each of the picture settings:

- **Backlight** - Adjusts the LED brightness to affect the overall brilliance of the picture.
- **Brightness** - Adjusts the black level of the picture. When this setting is too low, the picture may be too dark to distinguish details. When this setting is too high, the picture may appear faded or washed out.
- **Contrast** - Adjusts the white level of the picture. When this setting is too low, the picture may appear dark. When this setting is too high, the picture may appear faded or washed out. If the setting is too high or too low, detail may be difficult to distinguish in dark or bright areas of the picture.
- **Color** - Adjusts the intensity of the picture colors.
- **Tint** - Adjusts the hue of the picture. This setting is useful in adjusting the flesh tones in the picture. If flesh appears too orange, reduce the level of color before adjusting tint.
- **Sharpness** - Adjusts the edge sharpness of picture elements. It can be used to sharpen non-HD (high definition) content; however, it will not produce detail that does not otherwise exist.
Adjusting the Picture Size and Position

When displaying an image, the size and position of the display image can be adjusted. The size and position adjustments depend on signal source.

To adjust the picture size and position:

1. From the Picture menu, use the Arrow buttons on the remote to highlight More, then press OK.
2. Use the Arrow buttons on the remote to highlight Size & Position, then press OK. The Size & Position menu is displayed.
3. Use the Arrow buttons to highlight the setting you wish to adjust, then press Left/Right Arrow buttons to change the setting:
   • Horiz. Position - Adjusts the horizontal (left/right) position of the display image.
   • Vertical Position - Adjusts the vertical (up/down) position of the display image.
   • Horizontal Size - Adjusts the width of the display image.
   • Vertical Size - Adjusts the height of the display image.
4. When you have finished adjusting the size and position, press the EXIT button on the remote.

Adjusting the Color Temperature

Adjusting the color temperature will change the “warmness” or “coolness” of the white areas of the picture.

To adjust the color temperature:

1. From the Picture Menu, use the Arrow buttons to highlight More, then press OK.
2. Use the Arrow buttons on the remote to highlight Color Temperature, then press OK. The Color Temperature menu is displayed.
3. Use the Arrow buttons on the remote to highlight Color Temperature, then use the Left/Right Arrow buttons to change the color temperature preset:
   • Cool produces a blue-hued picture.
   • Computer optimizes the picture for use as a PC monitor.
   • Normal is optimized for television viewing.
   • Custom allows you to manually change each of the color temperature settings:
     • Red/Green/Blue Gain - Adjusts the amount of each color in the display.
     • Red/Green/Blue Offset - Adjusts the position of each color in the display.
4. If you want to reset the color temperatures to the factory default settings, highlight Reset Color Temperature and highlight Reset, and press OK.
5. When you have finished adjusting the color temperature, press the EXIT button on the remote.
Adjusting the Advanced Picture Settings

To adjust the advanced picture settings:

1. From the Picture menu, use the Arrow buttons on the remote to highlight More, then press OK.

2. Use the Arrow buttons on the remote to highlight Advanced Picture, then press OK. The Advanced Picture menu is displayed.

3. Use the Arrow buttons to highlight the setting you wish to adjust, then press Left/Right Arrow buttons to change the setting:
   - **Auto Brightness Control** - The auto brightness control detects the light levels in the room and automatically adjusts the backlight for the best picture. Select Off, Low, Medium, or High.
   - **Black Detail** - Adjusts the average brightness of the picture to compensate for large areas of brightness. Select Off, Low, Medium, or High.
   - **Smart Dimming** - Dynamically improves the contrast ratio of the picture by locally adjusting backlight zones. The adjustment is controlled by the content on the screen.
   - **Reduce Signal Noise** - Diminishes artifacts in the image caused by the digitizing of image motion content. Select Off, Low, Medium, or High.
   - **Reduce Block Noise** - Reduces pixelation and distortion for mpeg files. Select Off, Low, Medium, or High.

• **Film Mode** - Optimizes the picture for watching film. Select Auto or Off.

4. When you have finished adjusting the Advanced Picture Settings, press the EXIT button on the remote.

Resetting the Picture Settings

To reset the picture settings to the factory default settings:

1. From the Picture menu, use the Arrow buttons to highlight More, then press OK.

2. Use the Arrow buttons on the remote to highlight Reset Picture Mode, then press OK. The TV displays, “Select Reset to restore factory default picture settings”.

3. Highlight Reset and press OK.

4. Press the EXIT button on the remote.
ADJUSTING THE AUDIO SETTINGS

To adjust the audio settings:

1. Press the MENU button on the remote. The on-screen menu is displayed.

2. Use the Arrow buttons on the remote to highlight Audio and press OK. The Audio menu is displayed.

3. Use the Arrow buttons to highlight the setting you wish to adjust, then press Left/Right Arrow buttons to change the setting:
   - Balance - Adjusts the loudness of the audio output from the left and right speakers.
   - Lip Sync - Adjusts the synchronization between the display image and the accompanying audio track.
   - TV Speakers - Turns the built-in speakers on or off.
   - Surround Sound - DTS Studio Sound™ is a feature-rich surround sound solution which delivers an immersive surround sound experience from the TV’s internal speakers. Additionally, Studio Sound completes the entertainment experience by maintaining a steady volume while watching programming and movies, providing deep, rich bass, and delivering crisp details and clear, intelligible dialog. Select On or Off.
   - Volume Leveling - DTS TruVolume™ maintains consistent volume levels during transitions between program content, AV formats and input sources. Select On or Off.
   - Digital Audio Out - Changes the type of processing for the Optical and HDMI ARC output when connected to a home theater audio system. Select PCM or Bitstream.
   - Analog Audio Out - Sets the volume control properties for the analog RCA (red/white) connectors when connected to a home theater audio system. Select Variable to control the external speakers’ volume from the TV’s volume controls, or select Fixed to control the external speakers’ volume from your home theater system controls.
   - Equalizer Settings - Adjusts the boost or attenuation of different frequencies. Change the audio mode by selecting Flat, Dynamic, Center, Bass Boost, or Bright. To change the equalizer settings yourself, highlight EQ Mode to Advanced, then adjust each frequency, or set EQ Mode to Basic, then adjust Bass and Treble settings.
   - Reset Audio Mode - Restores the audio settings to the factory defaults. See Resetting the Audio Settings on page 26.

4. When you have finished adjusting the audio settings, press the EXIT button on the remote.

When the TV speakers are set to ON, DTS signals cannot be passed through digital audio outputs.
Resetting the Audio Settings
To reset the audio settings to the factory default settings:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.
2. Use the **Arrow** buttons on the remote to highlight **Audio** and press **OK**. The Audio menu is displayed.
3. Use the **Arrow** buttons to highlight **Reset Audio Mode** and press **OK**. The TV displays, “Select Reset to restore factory default audio settings.”
4. Highlight **Reset** and press **OK**.
5. Press the **EXIT** button on the remote.

ACTIVATING THE SLEEP TIMER
When activated, the TV’s sleep timer will turn the TV off after a set period of time.

To use the sleep timer:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.
2. Use the **Arrow** buttons on the remote to highlight **Timers** and press **OK**. The Timers menu is displayed.
3. Use the **Left/Right Arrow** buttons on the remote to highlight the period of time after which you want the TV to go to sleep: 30, 60, 90, 120, or 180 minutes. If you don’t want the sleep timer to activate, change the setting to **Off**.
4. Press **EXIT** once you are finished.
Setting the Auto Power Off Feature
To help save energy, your TV is set by default to turn off after 10 minutes if no signal is being displayed on the screen. This feature can be deactivated.

To set the Auto Power Off feature:

1. From the Sleep Timer menu, use the Up/Down Arrow buttons on the remote to highlight Auto Power Off.

2. Use the Left/Right Arrow buttons on the remote to highlight the period of time after which you want the TV to turn off: 30, 60, 90, 120, or 180 minutes. If you don’t want the sleep timer to activate, change the setting to Off.

3. Press Exit once you are finished.

USING THE NETWORK CONNECTION MENU

Your TV is internet-ready, featuring both an Ethernet port and built-in high-speed Wireless-N.

Connecting to a Wireless Network
To connect to a wireless network whose network name (SSID) is being broadcast:

If your TV is connected to a network with an Ethernet cable, you will not see the wireless network connection menu. You must disconnect the Ethernet cable to set up a wireless network connection.

1. Press the MENU button on the remote. The on-screen menu is displayed.

2. Use the Arrow buttons on the remote to highlight Network and press OK. The Network menu is displayed.

3. If you do not see your wireless network displayed, highlight More Access Points and press OK. The More Access Points menu, which is a list of available wireless networks, is displayed.

4. Highlight the name of your wireless network (this is the network's SSID) and press OK.

5. Using the on-screen keyboard, enter your network's password, then highlight Connect and press OK.

6. Press the EXIT button on the remote.
Changing the Manual Setup Settings
Advanced users can fine-tune the network settings using the Manual Setup feature.

To change advanced network settings:


2. Use the Arrow and OK buttons to adjust each setting:
   - DHCP - (Dynamic Host Configuration Protocol) This setting must be turned Off to change any of the other settings.
   - IP Address - The IP address assigned to the TV.
   - Subnet Mask - The subnet mask.
   - Default Gateway - Your network’s default gateway address.
   - Pref. DNS Server - Your preferred domain name server address.
   - Alt. DNS Server - Your alternate domain name server address.

3. If you need the RJ45 (Ethernet) MAC address or the Wireless MAC address to set up your network, these are displayed at the bottom of the Change Settings menu.

4. Press the EXIT button on the remote.

Connecting to a Hidden Network
To connect to a wireless network whose network name (SSID) is not being broadcast:

1. Press the MENU button on the remote. The on-screen menu is displayed.

2. Use the Arrow buttons on the remote to highlight Network and press OK. The Network menu is displayed.

3. Highlight Hidden Network and press OK.

4. Using the on-screen keyboard, enter your network’s name (SSID), then highlight Connect and press OK.

5. Using the on-screen keyboard, enter your network’s password, then highlight Connect and press OK.

6. Press the EXIT button on the remote.
Testing Your Network Connection
To test your network connection:

1. From the Network menu, highlight Test Connection and press OK.

2. The Test Connection screen displays the connection method, network name, signal strength, and download speed of your network connection.

3. Press the EXIT button on the remote.

USING THE TUNER MENU
You can use the TV’s Tuner menu to:
- Select a Tuner Input
- Perform an Auto Channel Scan
- Perform a Partial Channel Scan
- Manually Add Channels
- Select Channels to skip
- Select Analog MTS modes
- Select Digital Languages

<table>
<thead>
<tr>
<th>VIZIO</th>
<th></th>
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</thead>
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<tr>
<td>TUNER</td>
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<tr>
<td>Tuner Mode</td>
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<td>Analog Audio</td>
<td>Stereo</td>
</tr>
<tr>
<td>Digital Language</td>
<td>English</td>
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</tbody>
</table>
Selecting a Tuner Input
Select the type of tuner input you will be using. You can select either Antenna (Over-the-air) or Cable (Out-of-the-wall) connections.

1. From the Tuner menu, highlight Tuner Mode and press OK. The Tuner Mode menu displays.
2. Highlight Antenna or Cable and press OK. Press EXIT.

Scanning for Channels
Before the TV can detect and display channels and their associated information, you must scan for channels. A channel scan may also be necessary when the TV has been moved to an area where different free-to-air broadcast television channels are available.

To perform an Auto Channel Scan:
1. From the Tuner Settings menu, highlight Auto Channel Scan, and press OK. The auto channel scan begins.
2. Wait until the channel scan is 100% complete. Highlight Done and press OK.
3. Press the EXIT button on the remote.

If the channel scan is cancelled, the channels that were already discovered are retained. A new channel scan will clear all channels.

Adding New Channels
Occasionally, you may need to add a new analog channel or add a new range of channels. You can do this by using the Partial Channel Search and Add Analog Channel options.

To add a range of new channels:
1. From the Tuner menu, highlight Partial Channel Search, and press OK. The Partial Channel Search menu is displayed.
2. Highlight Scan Mode and select the type of channel you are adding: Analog, Digital, or Analog Digital.
3. Highlight From Channel and enter the channel from which you want to begin the scan. (Use the Number Pad on the remote to enter the channel.)
4. Highlight To Channel and enter the channel to which you want to end the scan. (Use the Number Pad on the remote to enter the channel.)
5. Highlight Start and press OK. The partial channel search begins.
6. Wait until the partial channel search is 100% complete. Highlight Done and press OK.
7. Press the EXIT button on the remote.
To add a single new analog channel:

1. From the Tuner menu, highlight **Add Analog Channel** and press **OK**. The Add Analog Channel menu is displayed.
2. Highlight **Enter Channel #** and use the Number Pad on the remote to enter the number of the channel you are adding.
3. Highlight **Add Channel** and press **OK**. The TV scans for the channel.
4. When the TV is done scanning for the channel, press the **EXIT** button on the remote.

Skipping Channels

After a channel scan is completed, you may find that some channels are too weak to watch comfortably. There may also be some channels you do not want to view. You can remove these channels from the TV’s memory with the Skip Channel feature.

Channels that have been removed with the Skip Channel feature can still be viewed if the channel is entered using the Number Pad. If you wish to completely block a channel from being viewed, use the parental controls. See **Navigating the On-Screen Menu** on page 20.

To remove a channel:

1. From the Tuner menu, highlight **Skip Channel**, and press **OK**. The Skip Channel menu is displayed.
2. For each channel you wish to remove, use the **Up/Down Arrow** buttons on the remote to highlight the channel and press **OK**. A √ appears to the right of each channel you select.
3. When you have selected all of the channels you wish to remove, press the **EXIT** button on the remote.
To use the Digital Language feature:
1. From the Tuner menu, highlight **Digital Language** and press **OK**. The Digital Language menu is displayed.
2. Select your preferred language: **English**, **Français** or **Español**. Press **OK**.
3. Press the **EXIT** button on the remote.

To use the Analog Audio feature:
1. From the Tuner menu, highlight **Analog Audio** and press **OK**. The Analog Audio menu is displayed.
2. Select **Mono**, **Stereo**, or **SAP** (secondary audio programming). Press **OK**.
3. Press the **EXIT** button on the remote.

Changing the Audio Language

Some digital free-to-air and cable channels broadcast programs in more than one language. The TV's Analog Audio feature allows you to listen to audio in a Secondary Audio Programming (SAP). SAP allows you to listen to broadcasts in multiple languages.

Not all programs are broadcast in multiple languages. The Analog Audio feature only works when the program being viewed is being broadcast in the language you select.
SETTING UP CLOSED CAPTIONING

Your TV can display closed captions for programs that include them. Closed captions display a transcription of a program’s dialogue.

If the program you are viewing is not being broadcast with closed captions, the TV will not display them.

To activate or deactivate closed captions:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.

2. Use the **Arrow** buttons on the remote to highlight **CC** and press **OK**. The Closed Caption menu is displayed.

3. Use the **Arrow** buttons on the remote to highlight the type of closed captions you wish to see:
   - **Analog Closed Caption** for analog (NTSC) TV channels.
   - **Digital Closed Caption** for digital (ATSC) TV channels.

4. After highlighting the type of closed captions you wish to see, use the **Left/Right Arrow** buttons on the remote to select the caption channel you wish to display, then press **EXIT**.

Changing the Appearance of Digital Closed Captions

Digital closed captions can be displayed according to your preference.

To change the appearance of digital closed captions:

1. From the Closed Caption menu, use the **Arrow** buttons to highlight **Digital CC Style** and press **OK**.

2. Use the **Left/Right Arrow** buttons on the remote to select **Custom**. The Digital CC Style menu appears as shown.

3. Use the **Up/Down Arrow** buttons on the remote to highlight the setting you wish to change, then use the **Left/Right Arrow** buttons to change the setting:
   - **Caption Style** - Choose As Broadcast to keep default settings or Custom to manually change each setting.
   - **Font Style** - Adjust the font style of the text.
   - **Text Size** - Adjust the size of the text.
   - **Color** - Change the color of the text.
   - **Opacity** - Change the transparency of the text.
   - **BG Color** - Change the background color.
   - **BG Opacity** - Change the transparency of the background.
   - **Window Color** - Change the edge color.
   - **Window Opacity** - Change the edge transparency.

4. When you are satisfied with the appearance of the closed captions, press the **EXIT** button on the remote.
CHANGING THE TV SETTINGS

Using the settings menu, you can:

• View the System Information
• Name the TV inputs
• Set up Parental Controls
• Change the on-screen menu language
• Set the time
• Adjust the CEC settings
• Adjust the Power Indicator settings
• Reset TV Settings & Set up Admin Controls

Displaying System Information

To display a summary of the TV settings:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.
2. Use the **Arrow** buttons on the remote to highlight **System** and press **OK**. The System menu is displayed.
3. Highlight **System Information** and press **OK**.
4. Use the **Up/Down Arrow** buttons to scroll through the system information.
5. When you are finished reviewing the system information, press the **EXIT** button on the remote.
Changing the Names of the Inputs

To make it easier to recognize the different devices attached to the inputs on your TV, you can rename the inputs. For example, if you have a DVD player connected to the Component input, you can rename that input to display “DVD Player”.

To change the name of an input:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.
2. Use the **Arrow** buttons on the remote to highlight **System** and press **OK**. The System menu is displayed.
3. Use the **Arrow** buttons on the remote to highlight **Name Input** and press **OK**. The Name Input menu is displayed.
4. Highlight **Input Source** and press **OK**. Highlight the input you want to rename and press **OK**.
5. If you would like to use a preset input label, highlight **Input Labels** and press **OK**. Highlight the input label you want to use and press **OK**.

If you would like to name the input yourself, highlight the field below **Input Labels** and enter your custom label using the on-screen keyboard and press **OK**.
6. When you have finished naming your input, press the **EXIT** button on the remote.

Using the Parental Controls

The TV's parental controls allow you to prevent the TV from displaying certain channels or programs without a password.

Accessing the Parental Controls Menu

To access the Parental Controls menu:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.
2. Use the **Arrow** buttons on the remote to highlight **System** and press **OK**. The System menu is displayed.
3. Use the **Arrow** buttons on the remote to highlight **Parental Controls** and press **OK**.
4. Enter your parental passcode. If you have not set a passcode, enter the default, 0000. The Parental Controls menu is displayed.

To set a custom parental passcode, see **Changing the Parental Control Passcode** on page 37.
Enabling or Disabling Program Ratings
To manage program content according to its rating, you must enable the Program Rating feature.

To enable or disable the Program Rating feature:
1. From the Parental Controls menu, highlight Rating Enable and press OK. The Rating Enable menu is displayed.
2. Select On or Off and press OK.

Locking and Unlocking Channels
When a channel is locked, it will be inaccessible. Locking a channel is a good way to prevent children from viewing inappropriate material.

To lock or unlock a channel:
1. From the Parental Controls menu, highlight Channel Locks and press OK. The Channel Locks menu is displayed.
2. Highlight the channel you want to lock or unlock and press OK.
3. When a channel is locked, the Lock icon appears locked. The channel is not accessible unless the parental passcode is entered.
4. When a channel is unlocked, the Lock icon appears unlocked. The channel is accessible.

Blocking and Unblocking Content by Rating
A channel may sometimes broadcast programs that are meant for children, and at other times broadcast programs that are meant for mature audiences. You may not want to block the channel completely using a channel lock, but you may wish to block certain programs from being viewed.

For a list of content ratings and their definitions, visit www.tvguidelines.org.

To block or unblock content by its rating:
1. From the Parental Controls menu, highlight the content type you want to adjust and press OK:
   - USA - TV - USA television program broadcasts.
   - USA - Movie - USA movie broadcasts.
   - CAN - English - Canadian English television program broadcasts.
   - CAN - French - Canadian French television program broadcasts.
2. For each rating type you want to block or unblock, use the Up/Down and Left/Right Arrow buttons on the remote to highlight the rating type and press OK.
3. When the rating type is blocked, the Lock icon appears locked. Content with this rating and all higher ratings cannot be viewed.
4. When the rating type is unblocked, the Lock icon appears unlocked. Content with this rating and all lower ratings can be viewed.

If you want to block all unrated content, highlight Block Unrated Shows and use the Arrow buttons on the remote to select On.
5. When you are finished adjusting the rating level blocks, press the EXIT button on the remote.
Changing the Parental Control Passcode
If you use the parental controls, you should change the passcode to prevent children from accessing inappropriate material.

To change the parental control passcode:
1. From the Parental Controls menu, highlight Change PIN and press OK. The Change PIN menu is displayed.
2. In the New PIN field, use the Number Pad on the remote to enter your new 4-digit parental control passcode.
3. In the Confirm PIN field, use the Number Pad on the remote to re-enter your new 4-digit parental control passcode.
4. Write down your new parental control passcode and save it in a secure location.
5. Press the EXIT button on the remote.

Resetting the Content Locks
To reset the content locks to the factory-default settings:
1. From the Parental Controls menu, highlight RESET LOCKS and press OK. The TV displays, “Are you sure you want to RESET ALL LOCKS SETTINGS to the factory defaults?”
2. Highlight Yes and press OK.

Changing the On-Screen Menu Language
Your TV can display the on-screen menu in different languages.

To change the on-screen menu language:
1. Press the MENU button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The System menu is displayed.
3. Use the Arrow buttons on the remote to highlight Menu Language and press OK. The Menu Language menu is displayed.
4. Highlight your preferred language (English, Français, or Español) and press OK.
5. Press the EXIT button on the remote.
Setting the Time Zone

To ensure the correct time is displayed when you press the INFO button, set the TV's time zone:

- To have the TV display the correct time, you must be connected to the internet via an Ethernet cable or a wireless network.

1. Press the MENU button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The System menu is displayed.
3. Use the Arrow buttons on the remote to highlight Time and Local Settings and press OK. The Time & Local Settings menu is displayed.
4. Highlight Time Zone and press OK. The Time Zone menu is displayed.
5. Highlight your time zone and press OK.
6. Highlight Daylight Saving and press OK. The Daylight Saving menu is displayed. Choose On if daylight savings is in effect, or Off if it is not.
7. Highlight Postal Code. Enter your Postal code using the keypad on the remote, then press OK. The Postal code information is often used by VIA Apps to give you the most accurate location-based information, such as weather or news.
8. Press the EXIT button on the remote.

Adjusting the CEC Settings

The CEC function on your TV enables you to control HDMI-connected devices with the included remote without any additional programming.

- Not all HDMI devices support CEC. See your device’s user manual for details.

To enable, disable, or adjust CEC settings:

1. Press the MENU button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The System menu is displayed.
3. Use the Arrow buttons on the remote to highlight CEC and press OK. The CEC menu is displayed.
4. Use the Arrow and OK buttons to adjust each setting:
   - CEC Function - To use CEC, you must select Enable.
   - System Audio Control - When system audio control is on, you can control your device’s audio using the TV’s remote control.
   - Device Discovery - Use this function to determine if your device is connected and supports CEC.
5. Press the EXIT button on the remote.
Turning the Power Indicator On or Off
The Power Indicator on the front of your TV is set to light up when the TV is on. You can change this setting if you prefer the light to be off.

To turn the Power Indicator Light on or off:
1. Press the MENU button on the remote. The on-screen menu is displayed.
2. Use the Arrow buttons on the remote to highlight System and press OK. The System menu is displayed.
3. Highlight Power Indicator and press OK.
4. Use the Up/Down Arrow buttons to select On or Off, then press OK.

USING THE RESET & ADMIN MENU
You can use the TV’s Reset & Admin menu to:
- Reset the TV settings
- Restore the TV to its factory default settings
- View the VIZIO Privacy Policy
- Start the Store Demo
Resetting the TV Settings
To reset the TV’s picture and audio settings:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.

2. Use the **Arrow** buttons on the remote to highlight **System** and press **OK**. The System menu is displayed.

3. Highlight **Reset & Admin** and press **OK**. The Reset & Admin menu is displayed.

4. Highlight **Reset TV Settings** and press **OK**. The TV displays, “Select Reset to restore video and audio settings to the factory defaults.”

5. Highlight **Reset** and press **OK**.

6. Press the **EXIT** button on the remote.

    Reseting the TV settings will reset Audio and Video settings only.

---

Restoring the TV to Factory Default Settings
All of the on-screen menu settings can be reset to the factory defaults.

⚠️ If you restore the TV to the factory default settings, all changes you have made to the settings will be lost!

To restore the TV to its factory default settings:

1. Press the **MENU** button on the remote. The on-screen menu is displayed.

2. Use the **Arrow** buttons on the remote to highlight **System** and press **OK**. The System menu is displayed.

3. Highlight **Reset & Admin** and press **OK**. The Reset & Admin menu is displayed.

4. Highlight **Reset TV to Factory Defaults** and press **OK**.

5. Enter your parental control passcode. If you have not yet set up a parental passcode, enter the default, **0000**.

    The TV displays, “Select Reset to restore all TV settings to factory defaults and clear all account information.”

6. Highlight **Reset** and press **OK**.

7. Wait for the TV to turn off. The TV will turn back on shortly afterward and the Setup App will begin.
USING THE GUIDED SETUP MENU

Using Guided Setup

The TV’s Setup App can be used to easily set up the TV tuner or to connect the TV with your network.

To access guided setup:

1. Press the MENU button on the remote. The on-screen menu is displayed.

2. Highlight Guided Setup and press OK.

3. Highlight the guided setup you want to access and press OK:
   • Tuner Setup - Set up the TV tuner.
   • Network Setup - Connect the TV to your network.

4. Follow the on-screen instructions. When finished, press the EXIT button on the remote.
USING THE INFO WINDOW

The Info Window can be displayed by pressing the INFO or GUIDE button on the remote:

- Press the INFO or GUIDE button one time to display channel and input information.
- Press the INFO or GUIDE button two times to display the program title, closed captioning information and program description.

Digital Episode Guide & Info Window

<table>
<thead>
<tr>
<th>Channel/Input Information</th>
<th>Network/Display Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>28-1</td>
<td>6:15pm</td>
</tr>
<tr>
<td>1080p</td>
<td>Dolby Digital+ Stereo</td>
</tr>
<tr>
<td>Oliver's Holiday Surprise</td>
<td>11:00AM - 12:00PM</td>
</tr>
<tr>
<td>TV-PG (V)</td>
<td>28-1</td>
</tr>
<tr>
<td>Dolby Digital+ Stereo</td>
<td>HCET-HD</td>
</tr>
<tr>
<td>11:00AM - 12:00PM</td>
<td></td>
</tr>
<tr>
<td>Oliver wakes up one morning only to discover that his pals are missing. In this hour-long holiday special, Oliver goes on a journey in search of his pals. Who knows what he'll encounter on the way?</td>
<td></td>
</tr>
</tbody>
</table>

Program Title/CC Information

Program Description
Using the USB Media Player

**USING THE USB MEDIA PLAYER**

The USB Media Player allows you to connect a USB thumb drive to your TV and play music, video, or photos.

**Connecting a USB Thumb Drive to the TV**

1. Turn the TV off. Connect your USB thumb drive to the USB port on the side of the TV.
2. Press the **Power/Standby** button on the remote or hold the **Power** control on the side of the TV to turn it on.

- **Warning**: Do not remove the USB thumb drive while the TV is on. Doing so may damage the drive.

**Playing USB Media**

To play USB media, you must first save your music or images onto a USB thumb drive.

Remember:
- The USB thumb drive must be formatted as FAT32.
- Files on the USB thumb drive must end in a supported file extension (.mp3, .jpg, etc).
- The player is not designed to play media from external hard drives or mp3 players.

To play your USB media:

1. Connect your USB thumb drive to the USB port on the side of the TV.
2. Press the **V Button** on the remote.
3. Highlight **Multimedia** by scrolling left and right using the **Left/Right Arrow** buttons on the remote and press **OK**. (The highlighted App is in the center of the dock)
4. Highlight your USB device in the list and press **OK**.
5. Highlight the type of media you wish to display: **Music**, **Video** or **Photo**. Press **OK**.
6. Use the **Arrow** buttons to highlight the file you want to display. Press **OK**. The file plays.

- **Tip**: You can display your photos in fullscreen. Select the photo, press **OK**, then highlight **Fullscreen** and press **OK**.
If your USB thumb drive has more files than can be displayed on a single screen, the page information is displayed here.
Back Button
Highlight this button and press OK if you would like to return to the previous screen.

Connected Sources
Displays connected USB devices.

Current Folder
Displays the folder path.

Photo Information
Displays name, resolution, and file size for currently selected photo.

Folder Contents
This area displays the contents of the currently selected folder. You can browse between files using the Arrow and OK buttons on the remote.

Page Information
If your USB thumb drive has more files than can be displayed on a single screen, the page information is displayed here.
VIZIO Internet Apps Plus® (V.I.A.) delivers popular online content to your TV. V.I.A. Plus features a selection of Apps that allow you to watch movies and TV shows, listen to music, get weather and news information, and more—all on demand.

A high-speed internet connection is required to receive product updates and to access online content.

See Using the Network Connection Menu on page 26 if your TV is not yet connected to your home network.

**USING THE V.I.A. PLUS APP DOCK**

The V.I.A. Plus App Dock is where all of your V.I.A. Apps are accessed.

To use the V.I.A. Plus Dock and launch an App:

1. Press the **V Button** on the remote.
2. Highlight a V.I.A. App by scrolling left and right using the **Left/Right Arrow** buttons on the remote. (The highlighted App is in the center of the dock.)
3. Launch a V.I.A. App by highlighting it and pressing the **OK** button on the remote.

**Using the Hot Keys**

Use the following colored buttons on the remote to perform common V.I.A. tasks:

- **Blue** - Change the size of the main display window when an App is open in the sidebar.
- **Red** - Exit from an open App or to close the App Dock.
- **Green** - View settings for an open App.
USING THE FULLSCREEN V.I.A. APPS WINDOW

The fullscreen V.I.A. apps window allows you to add and store up to 51 apps. The apps on the first page are displayed in the V.I.A. apps dock and apps on additional pages can be moved to the dock.

To use the V.I.A. fullscreen apps window:

1. Press the **V Button** on the remote twice.
2. Highlight a V.I.A. App by using the **Arrow** buttons on the remote.
3. Launch a V.I.A. App by highlighting it and pressing the **OK** button on the remote.
4. To exit from an open App or to close the App Dock, press the **Exit** button on the remote or the red hot key.

Note: App location, appearance, and availability subject to change without notice.
FULLSCREEN V.I.A. PLUS APPS WINDOW OVERVIEW

The Fullscreen V.I.A. Plus Apps window allows you to add, delete and organize your Apps. The My Apps tab displays Apps that are already installed on your TV. The Apps on the first page are displayed in the V.I.A. Plus App Dock.

The following tabs are located at the top of your Fullscreen V.I.A. Plus Apps Window:

- **My Apps**: Displays apps that are installed on your TV.
- **Featured**: Displays apps that are recommended by Yahoo!
- **Latest**: Displays apps that were most recently added to the library of apps.
- **All Apps**: Displays every app that is available for download.
- **Categories**: Displays apps sorted into categories: Spotlight, Yahoo!, Weather, News and Finance, Movies and TV, Photos and Video, Sports, Music, Social, Information, Fun and Games, Shopping, and Local TV.
- **App Info ( )**: Displays App software information and development settings.

Apps with a small lock icon in the right-hand corner cannot be deleted.

You can also preview Apps without installing them. Simply highlight the App you wish to preview and press OK to open.

Note: App location, appearance, and availability subject to change without notice.
CUSTOMIZING THE V.I.A. APPS WINDOW

You can add, delete, and move apps around on your My Apps tab for a custom look and feel.

Adding an App to the My Apps Tab
To add an app to your TV:
1. Use the Arrow buttons on the remote to highlight the app you wish to add.
2. Press and hold the OK button until [App Name] has been added to your My Apps list appears.

Once the app has been installed, a star appears in the top right-hand corner of the app icon as shown below.

Deleting an App from the My Apps Tab
To delete an app from your TV:
1. Use the Arrow buttons on the remote to highlight the App you wish to delete.
2. Press and hold the OK button. The following options appear:
3. Press OK to delete the app. The following dialog box appears:
4. Use the Left/Right Arrow buttons to select Delete and press OK.
The App is removed from your My Apps tab.
Moving an App in My Apps

You can organize your Apps on your My Apps tab by moving them where you want.

To move the Apps on your My Apps tab:

1. Use the Arrow buttons on the remote to highlight the App you wish to move.

2. Press and hold the OK button. The following options appear:

3. Use the Arrow buttons to move the App to the desired location and press OK to place the app. When you can move the app, it appears as shown below.

App location, appearance, and availability subject to change without notice.
DO YOU HAVE QUESTIONS?
LET US HELP!
YOUR PRODUCT INCLUDES FREE LIFETIME TECH SUPPORT

The VIZIO support team is highly trained and is based in the United States.

We can help with:
• New Product Setup
• Connecting Your Devices
• Technical Problems
• And More

Phone: (877) 878-4946 (TOLL-FREE)
Email: techsupport@VIZIO.com
Web: www.VIZIO.com/support

Hours of operation:
Monday - Friday: 5 AM TO 8 PM (PST)
Saturday - Sunday: 7 AM TO 4 PM (PST)

We speak English • Se habla Español • Nous parlons Français
The TV displays "No Signal."

- Press the INPUT button on the remote control to select a different input source.
- If you are using cable TV, satellite, or antenna connected directly to the TV, scan for channels. See Enabling or Disabling Program Ratings on page 36.

There is no power.

- Ensure the TV is plugged into a working electrical outlet.
- Ensure the power cable is securely attached to the TV.
- Press the Power/Standby button on the remote or on the side of the TV to turn the TV on.

The power is on, but there is no image on the screen.

- Ensure all cables are securely attached to the TV.
- Ensure all devices are connected correctly. Devices differ; see your device’s user manual for details.
- Adjust Brightness, Contrast, or Backlight. See Adjusting the Picture Settings on page 22.
- Press the INPUT button on the remote to select a different input source.

There is no sound.

- Press Volume Up on the remote control.
- Press the MUTE button on the remote to ensure mute is off.
- Check the audio settings. See Adjusting the Audio Settings on page 25.
- Ensure the speakers are set to On.
- Ensure no headphones are connected to the TV.
- Check the audio connections of external devices (Blu-ray player, game console, cable/satellite box) that are connected to the TV.
- If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

The colors on the TV don’t look right.

- Adjust the Color and Tint settings in the Picture menu. See Adjusting the Picture Settings on page 22.
- Reset the picture settings. See Resetting the Picture Settings on page 24.
- Check all cables to ensure they are securely attached.

The buttons on the remote aren’t working.

- Ensure you are only pressing one button at a time.
- Point the remote directly at the TV when pressing a button.
- Replace the remote batteries with new ones. See Replacing the Batteries on page 10.
The image quality is not good.
• For the best image quality, view high-definition programs using digital sources. Connect your devices with HDMI cables.
• If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

The picture is distorted.
• Nearby electrical devices may be interfering with the TV. Separate the TV from electrical appliances, cars, or fluorescent lights.
• Ensure all cables are securely attached.

The display image does not cover the entire screen.
• If you are using TV, AV, or Component with 480i input, press the WIDE button on the remote to change the screen mode.

The TV has pixels (dots) that are always dark or always lit.
• Your HDTV is precision-manufactured using an extremely high level of technology. However, sometimes pixels may not display correctly. These types of occurrences are inherent to this type of product and do not constitute a defective product.

I see “noise” or static on the screen.
• When your TV’s digital capabilities exceed a digital broadcast signal, the signal is up-converted (improved) to match your TV’s display capabilities. This up-converting can sometimes cause irregularities in the image.
• If you are using an antenna, the signal strength of the channel may be low. Ensure your antenna is connected securely to the TV and move the antenna around the room or close to a window for the best signal.

When I change input source, the volume changes.
• The TV remembers the volume level on each input source. If the volume level on the new input source is higher or lower than the level on the source you switch from, the difference may be noticeable.
• Use the Volume Up/Down buttons on the remote to adjust the volume.

When I change input source, the display image changes size.
• The TV remembers the viewing mode on each input source. If the viewing mode on the new input source differs from the one on the input source you switch from, the difference may be noticeable.
• See Changing the Screen Aspect Ratio on page 21.
Specifications

E500i-B1

Screen Size: 50" Class

Viewable Area: 50.00"

Dimensions w/ Stand: 44.10" x 27.46" x 8.64"
Dimensions w/o Stand: 44.10" x 25.69" x 2.48"

Weight w/ Stand: 26.46 lbs
Weight w/o Stand: 22.93 lbs

TV Type: DLED

Refresh Rate: 120 Hz

Maximum Resolution: 1920 x 1080 (1080p)

Pixel Pitch: 0.570 mm (H) x 0.570 mm (V)

Dynamic Contrast Ratio: 2,000,000:1

Response Time: 8 ms

Brightness: 300 nits

Viewing Angle: 176° (H) / 176° (V)

HDMI Inputs: 4

Component Video Inputs: 1

Composite Inputs: 1 (Shared with Component)

RF Antenna Input: 1

USB 2.0 Ports: 1

Ethernet: 1
<table>
<thead>
<tr>
<th><strong>E500i-B1</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio Outputs:</strong></td>
<td>RCA Analog Stereo Output, Optical Digital</td>
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<tr>
<td><strong>OSD Language:</strong></td>
<td>English, Spanish, French</td>
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<td><strong>Ambient Light Sensor:</strong></td>
<td>Yes</td>
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<td><strong>Remote Control Model:</strong></td>
<td>XRT112</td>
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<td><strong>Certifications:</strong></td>
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<td><strong>Voltage Range:</strong></td>
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<td><strong>Power Consumption:</strong></td>
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<tr>
<td><strong>Standby Power:</strong></td>
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Covers units purchased as new in United States and Puerto Rico Only. VIZIO provides a warranty to the original purchaser of a new Product against defects in materials and workmanship for a period of one (1) year of non-commercial usage and ninety (90) days of commercial use. If a Product covered by this warranty is determined to be defective within the warranty period, VIZIO will either repair or replace the Product at its sole option and discretion.

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There will be no charge for parts or labor during the warranty period. Replacement parts and Products may be new or recertified at VIZIO’s option and sole discretion. Replacement parts and Products are warrantied for the remaining portion of the original warranty or for ninety (90) days from warranty service or replacement, whichever is greater.

Type of Service
Defective Products must be sent to a VIZIO service center to obtain warranty service. VIZIO is not responsible for transportation costs to the service center, but VIZIO will cover return shipping to the customer. PRE-AUTHORIZATION IS REQUIRED BEFORE SENDING ANY PRODUCT TO A VIZIO SERVICE CENTER. Product returns to VIZIO’s service centers must utilize either the original carton box and shipping material or packaging that affords an equal degree of protection. VIZIO Technical Support will provide instructions for packing and shipping the covered Product to the VIZIO service center.

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VIZIO’s one-year limited warranty only covers defects in materials and workmanship. This warranty does not cover, for example: cosmetic damage, normal wear and tear, improper operation, improper voltage supply or power surges, signal issues, damages from shipping, acts of God, any type of customer misuse, modifications or adjustments, as well as installation and set-up issues or any repairs attempted by anyone other than by a VIZIO authorized service center. Products with unreadable or removed serial numbers, or requiring routine maintenance are not covered. This one year limited warranty does not cover Products sold “AS IS”, “FACTORY RECERTIFIED”, or by a non-authorized reseller.

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Zero Bright Pixel Defect Guarantee
This policy covers “zero bright pixel” defects for the duration of the limited “ONE YEAR WARRANTY” on select new product purchases. To determine if this guarantee applies to your product, refer to the “DETAILS” tab of the model’s product information page (www.VIZIO.com) or look for the “zero bright pixel” guarantee on the box.
FCC Class B Radio 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.

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

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.

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

Caution
Always use an AC/DC power adapter that is properly grounded. Use the AC cords listed below for each area.

- USA: UL
- Canada: CSA
- Germany: VDE
- UK: BASE/BS
- Japan: Electric Appliance Control Act

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