

VIZIO V50

VIZIO 50-Inch V-Series 4K UHD LED Smart TV Instruction Manual

Model: V50 (V505-J09)

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your VIZIO 50-Inch V-Series 4K UHD LED Smart TV. Please read this manual thoroughly before using your television and retain it for future reference.

Included Components:

- VIZIO 50-Inch V-Series 4K UHD LED Smart TV
- Voice Remote Control
- Power Cable
- TV Stand (2 pieces)

SETUP

1. Unboxing and Placement

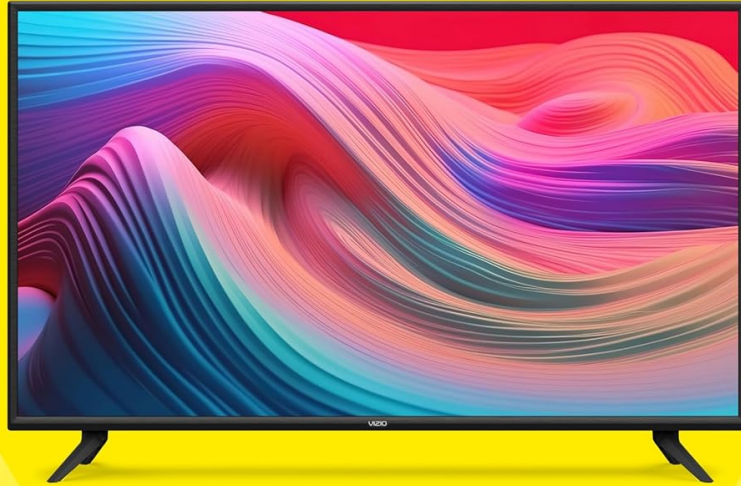
Carefully remove the television from its packaging. It is recommended to have two people for safe handling. Place the TV on a stable, flat surface or prepare for wall mounting (wall mount sold separately).

2. Attaching the TV Stand

1. Place the TV screen-down on a soft, clean surface to prevent scratches.
2. Align each stand piece with the corresponding slots on the bottom of the TV.
3. Secure the stands using the provided screws. Ensure they are firmly attached.

3 reasons to choose V-Series

A standout experience in 4K.



Unparalleled contrast, detail,
and nuanced colors.



Ultra-low input lag for
smoother gameplay.



Pair your Bluetooth headphones
and hear every word.

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Figure 1: VIZIO 50-inch V-Series TV dimensions and included remote. The TV measures approximately 44 inches wide, 28.1 inches high (with stand), and 10 inches deep (with stand). The screen diagonal is 49.5 inches.

3. Connecting External Devices

Your VIZIO TV offers various input ports for connecting external devices. Refer to the diagram below for port locations.



Figure 2: Rear input/output ports. Ports include USB 2.0, HDMI 3, HDMI 2, HDMI 1 (eARC), Antenna, Audio Out (L/R RCA), Audio Out Optical, Composite Input (V/L/R RCA), and Ethernet.

- **HDMI:** Connect Blu-ray players, game consoles, cable/satellite boxes. HDMI 1 supports eARC for enhanced audio return channel functionality.
- **USB:** For media playback from USB storage devices.
- **Ethernet:** For a wired internet connection.
- **Antenna:** Connect an antenna for over-the-air broadcasts.
- **Composite Input:** For older devices using RCA cables (yellow for video, red/white for audio).
- **Audio Out (Optical/RCA):** For connecting to external audio systems or soundbars.

4. Power Connection

Connect the power cable to the TV's power input and then to a wall outlet. The TV will automatically power on or enter standby mode.

5. Initial Setup

Upon first power-on, the TV will guide you through the initial setup process, including language selection, network connection (Wi-Fi or Ethernet), and channel scanning (if an antenna is connected). Follow the on-screen prompts.

OPERATING YOUR VIZIO SMART TV

1. Using the Voice Remote

The included Voice Remote allows for easy navigation and voice commands. Insert two AAA batteries (not included) into the remote.



Next-level gaming
Ultra-low input lag for smoother gameplay.

4K GAMING AMD FreeSync IQ ACTIVE PROCESSOR HDMI 2.1

Screen image simulated.

Figure 3: VIZIO Voice Remote. Features dedicated buttons for popular streaming services and a microphone button for voice commands.

- **Power Button:** Turns the TV on or off.
- **Input Button:** Cycles through available input sources.
- **Microphone Button:** Press and hold to activate voice commands.
- **Navigation Pad:** Use to move through menus and select items.
- **App Buttons:** Quick access to popular streaming applications.

2. SmartCast Platform

Your VIZIO Smart TV features the SmartCast platform, providing access to a wide array of streaming services and content.

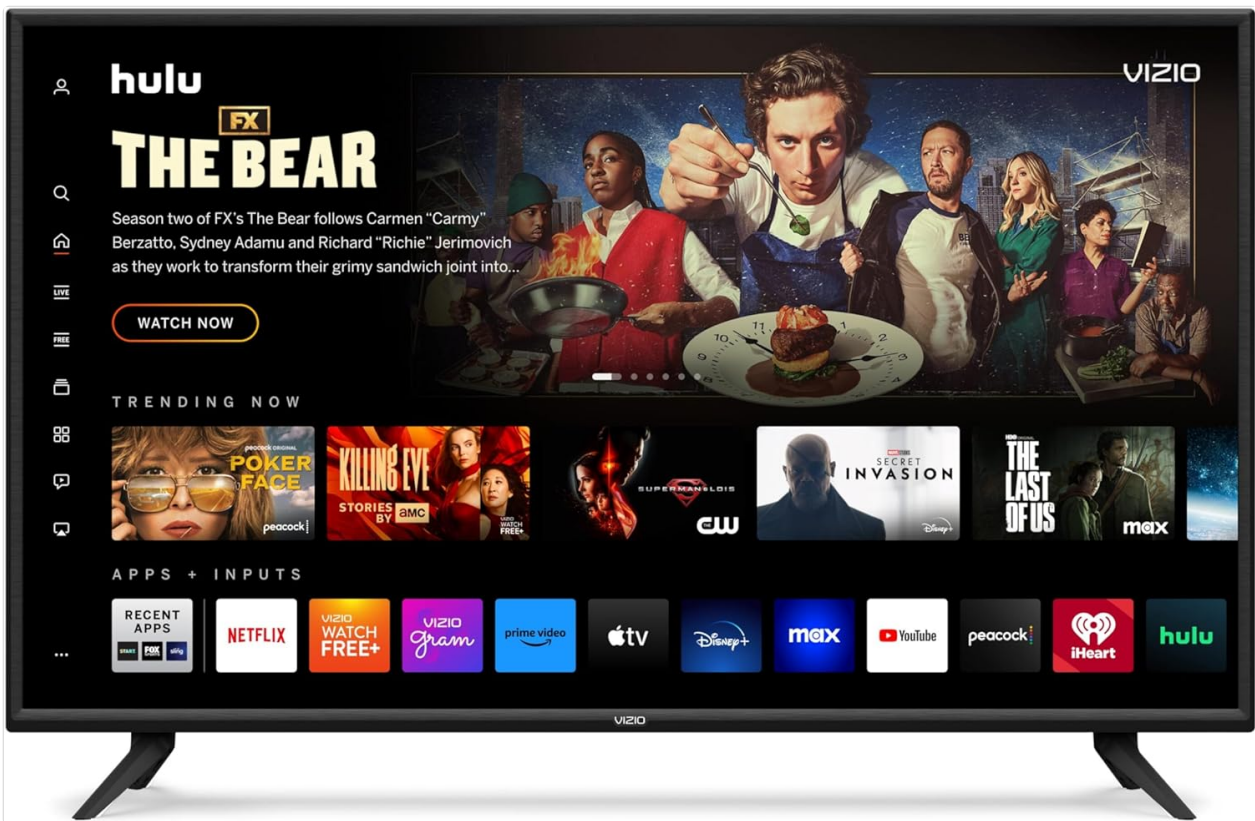


Figure 4: VIZIO SmartCast Home Screen. Displays trending content, recently used apps, and inputs.

- **Built-in Apps:** Access popular streaming apps directly from the home screen.
- **WatchFree+:** Enjoy over 260 free channels and thousands of on-demand movies and shows.

VIZIO App Catalog

All your favorite apps, built right in.

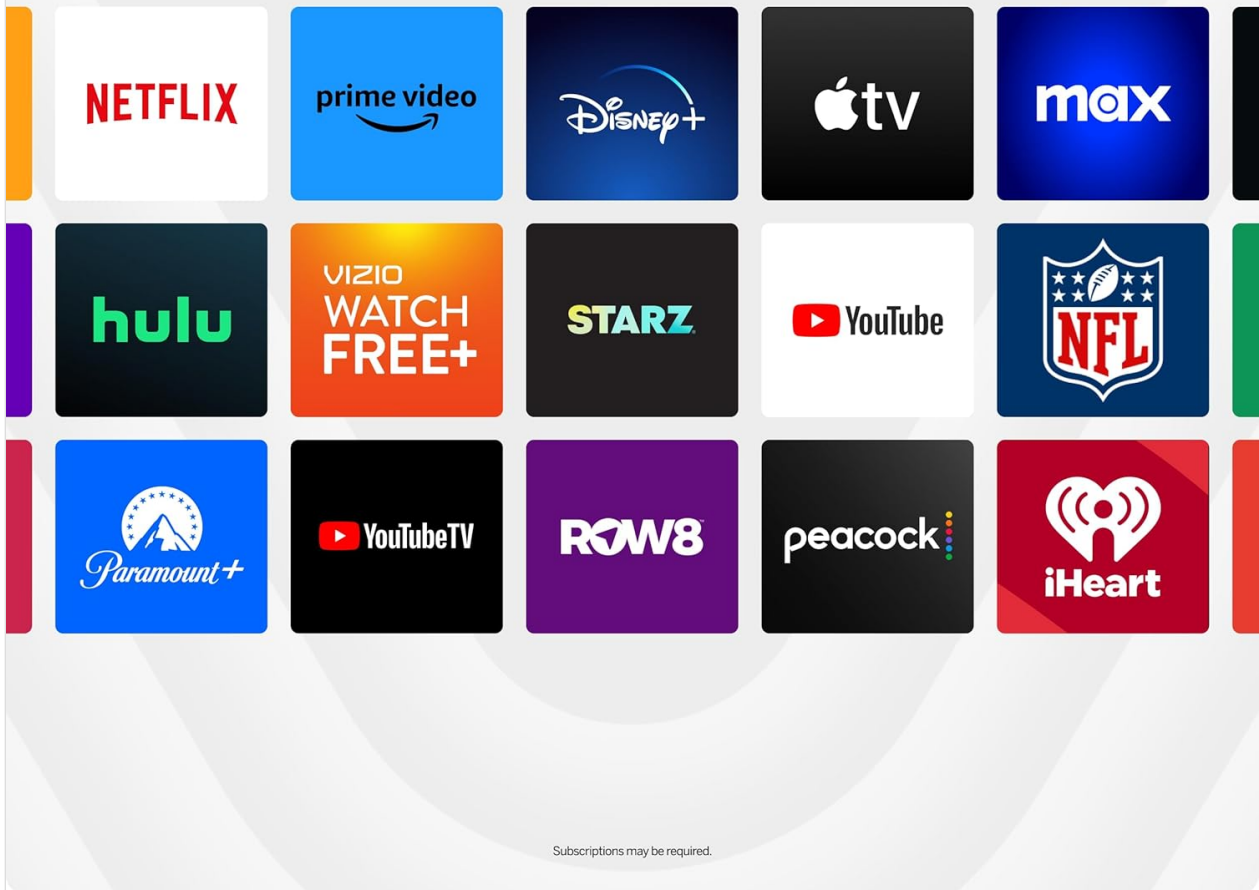


Figure 5: WatchFree+ Interface. Browse live TV and on-demand content.

3. Voice Assistant Compatibility

The VIZIO V-Series TV is compatible with popular voice assistants, allowing for hands-free control.

- **Alexa Compatibility:** Integrate with your Amazon Alexa devices.
- **Apple Home:** Control your TV using Apple HomeKit.
- **Google Home:** Connect with your Google Assistant devices.

4. Streaming and Mirroring

Utilize built-in technologies to stream content from your mobile devices.

- **Apple AirPlay 2:** Stream content directly from your Apple devices.
- **Chromecast built-in:** Cast content from compatible apps on your smartphone or tablet.

5. Gaming Features

The V-Series TV includes features designed to enhance your gaming experience.



“This product showcased innovative design and engineering features...”

CES Innovation Awards

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Figure 6: Enhanced Gaming Experience. Features like AMD FreeSync and low input lag optimize gameplay.

- **V-Gaming Engine:** Provides sub 10ms input lag, 4K 48-60 fps Variable Refresh Rate (VRR), and Auto Game Mode.
- **AMD FreeSync:** Reduces screen tearing and stuttering for smoother gameplay.

6. Bluetooth Audio

Connect wireless Bluetooth headphones for private listening.

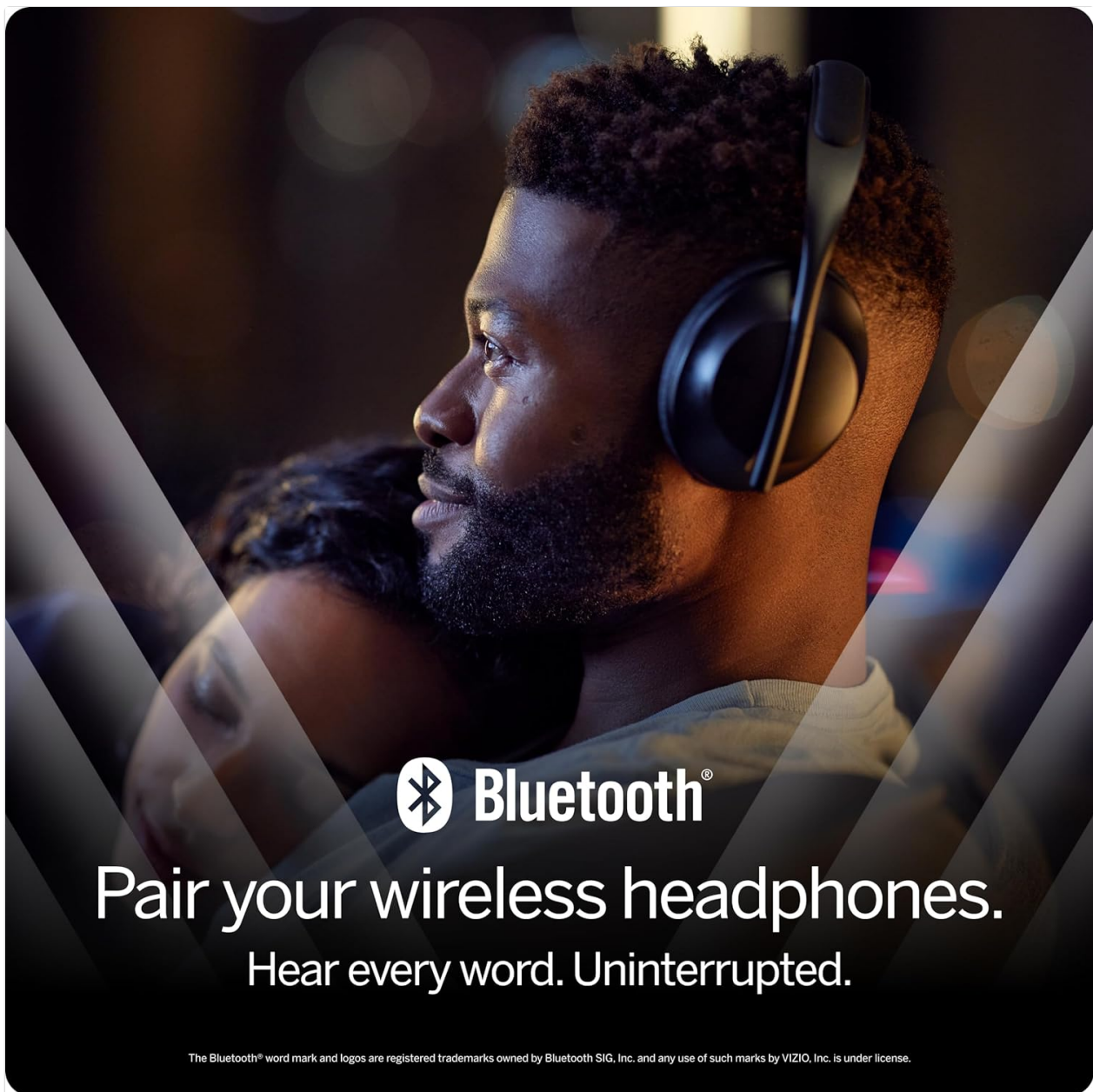


Figure 7: Bluetooth Headphone Connectivity. Enjoy audio privately without disturbing others.

MAINTENANCE

1. Cleaning the TV

- Always unplug the TV before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Do not spray liquid directly onto the screen.
- Wipe the TV frame and stand with a dry, soft cloth.
- Avoid using abrasive cleaners, waxes, or solvents as they can damage the finish.

2. General Care

- Keep the TV away from direct sunlight and heat sources.
- Ensure adequate ventilation around the TV to prevent overheating.
- Protect the power cord from being walked on or pinched.

TROUBLESHOOTING

If you encounter issues with your VIZIO TV, refer to the following common solutions:

Problem	Possible Solution
No Power	Ensure the power cable is securely connected to both the TV and a working electrical outlet. Try a different outlet.
No Picture / Black Screen	Check that the correct input source is selected. Verify all video cables are securely connected. Try restarting the TV.
No Sound	Check the TV volume and ensure it is not muted. Verify audio cable connections. If using external audio, ensure it is powered on and correctly configured.
Remote Not Working	Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the TV.
Network Connection Issues	Restart your router and modem. Check Wi-Fi password. If using Ethernet, ensure the cable is connected.
Apps Not Loading / Freezing	Ensure your internet connection is stable. Try restarting the TV. If the issue persists, a factory reset may be necessary.

Factory Reset

A factory reset will restore the TV to its original settings and erase all personalized data. This can resolve persistent software issues.

1. Press the **Menu** button on your remote.
2. Navigate to **System > Reset & Admin > Reset TV to Factory Settings**.
3. Confirm your selection. The TV will restart and guide you through the initial setup process again.

For more detailed troubleshooting, please refer to the official [User Manual \(PDF\)](#).

SPECIFICATIONS

Feature	Detail
Model Number	V50 (V505-J09)
Screen Size	50 Inches
Display Technology	LED
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	60 Hz
HDR Support	Dolby Vision HDR, HDR10+, HLG

Feature	Detail
Backlight Type	Full Array Backlight
Processor	IQ Active Processor
Audio Technology	DTS Virtual:X, Built-In Speakers
Smart Platform	SmartCast
Voice Control	Voice Remote, Alexa, Apple Home, Google Home compatible
Wireless Connectivity	Wi-Fi, Bluetooth, Apple AirPlay 2, Chromecast built-in
Wired Connectivity	Ethernet, HDMI (3 ports, 1 eARC), USB 2.0, Antenna, Composite Input, Audio Out (RCA, Optical)
Power Supply	110 Volts
On-mode Power Consumption	14.06 watts
Estimated Yearly Energy Consumption	123 kWh (based on 4 hours/day)
Product Dimensions (with stand)	10"D x 44"W x 28"H
Item Weight (with stand)	22.1 Pounds



Figure 8: Energy Guide Label. Estimated yearly energy cost is \$15, with an annual consumption of 123 kWh.

WARRANTY INFORMATION

VIZIO products are designed for reliability and performance. For specific warranty details regarding your VIZIO 50-Inch V-Series 4K UHD LED Smart TV, please refer to the warranty card included with your product or visit the official VIZIO support website. Typically, VIZIO offers a limited warranty covering defects in materials and workmanship under normal use.

CUSTOMER SUPPORT

For technical assistance, product registration, or to access additional resources, please contact VIZIO Customer Support. You can find contact information and frequently asked questions on the official VIZIO website.

Online Resources:

- Official VIZIO V-Series Product Page: <https://www.vizio.com/en/tv/v-series>
- User Manual (PDF):
<https://manuals.plus/m/04a759259007ab94ae8b4c6d5f371648b825a74072f10b4a3a5388e62d61f0ac>