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> [VIZIO D50u-D1 50-inch 4k Ultra HD Smart LED TV \(2016 Model\) Black 50" User Manual](#)

VIZIO D50u-D1

VIZIO D50u-D1 50-inch 4K Ultra HD Smart LED TV User Manual

Model: D50u-D1

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your VIZIO D50u-D1 50-inch 4K Ultra HD Smart LED TV. Please read this manual thoroughly before using your television to ensure proper operation and to maximize your viewing experience. This VIZIO D-series Ultra HD Full-Array LED Smart TV offers breathtaking detail and clarity with over 8.3 million pixels, four times the resolution of 1080p Full HD. It features Full-Array LED backlighting, 12 Active LED Zones for superior light uniformity, and Active Pixel Tuning for increased picture accuracy. Enjoy a blazing 120Hz effective refresh rate with Clear Action 240 for sharp detail in fast-action scenes. The TV is optimized for 4K Ultra HD streaming from popular apps like Netflix and Amazon Instant Video, thanks to HEVC decoding and ultra-fast 802.11ac dual-band Wi-Fi. Its Spatial Scaling Engine transforms 720p and 1080p content to near Ultra HD, and support for the latest HDMI standards enables compatibility with next-generation devices.

SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons. Keep these instructions for future reference.

- Do not expose this apparatus to rain or moisture.
- 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.
- 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.
- 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 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.

- Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WHAT'S IN THE BOX

Upon unpacking your VIZIO D50u-D1 TV, please ensure all the following components are present:

- VIZIO D50u-D1 50-inch 4K Ultra HD Smart LED TV
- TV Stand (2 pieces)
- Remote Control (with 2 AAA batteries included)
- Power Cord
- Quick Start Guide (this manual provides more detail)

SETUP

1. Attaching the Stand

Carefully place the TV screen-down on a soft, clean surface to prevent scratches. Align the stand pieces with the designated slots on the bottom of the TV and secure them with the provided screws. Ensure the stand is firmly attached before placing the TV upright.



Image: Side view of the VIZIO D50u-D1 TV, illustrating its design and how the stand attaches.

2. Connecting Power

Plug the power cord into the AC IN port on the back of the TV, then plug the other end into a wall outlet. The TV will enter standby mode.

3. Connecting External Devices

Your VIZIO D50u-D1 TV features multiple HDMI inputs for connecting various devices such as Blu-ray players, game consoles, cable/satellite boxes, and streaming devices. It has 5 HDMI inputs, with one dedicated for 4K sources at 60fps (HDMI 5). Use high-quality HDMI cables for optimal performance, especially for 4K content.

- **HDMI:** Connect your devices to any available HDMI port. Note that HDMI 5 supports 4K at 60fps.
- **USB:** For media playback from USB drives.
- **Optical Audio Out:** For connecting to soundbars or home theater systems.
- **Ethernet:** For a wired internet connection.

4. Initial Setup Wizard

When you power on the TV for the first time, an on-screen setup wizard will guide you through initial configurations, including language selection, network connection (Wi-Fi or Ethernet), and channel scanning (if connecting an antenna).



Image: Front view of the VIZIO D50u-D1 TV, showcasing its display with various smart application icons, indicating its smart TV capabilities.

OPERATING YOUR VIZIO SMART TV

Remote Control

The included remote control allows you to navigate menus, change channels, adjust volume, and access smart TV features. Insert the two AAA batteries into the remote, ensuring correct polarity.

- **Power Button:** Turns the TV on or off.
- **Input Button:** Cycles through available input sources (HDMI 1-5, TV, etc.).
- **Volume Up/Down:** Adjusts the audio level.
- **Channel Up/Down:** Changes TV channels (for antenna/cable).
- **SmartCast/V Button:** Accesses the Smart TV home screen with apps.
- **Navigation Pad (Arrows & OK):** Used to navigate menus and select options.
- **Back/Exit:** Returns to the previous screen or exits a menu.
- **Netflix/Amazon/etc. Buttons:** Direct access to popular streaming services.

Smart TV Features and Apps

Your VIZIO D50u-D1 comes with built-in Smart TV capabilities, allowing you to stream content from various applications. Press the 'V' button on your remote to access the SmartCast home screen. From here, you can launch pre-installed apps like Netflix, Amazon Instant Video, YouTube, HuluPlus, Pandora, and iHeart Radio. Ensure your TV is connected to the internet for these features to function.

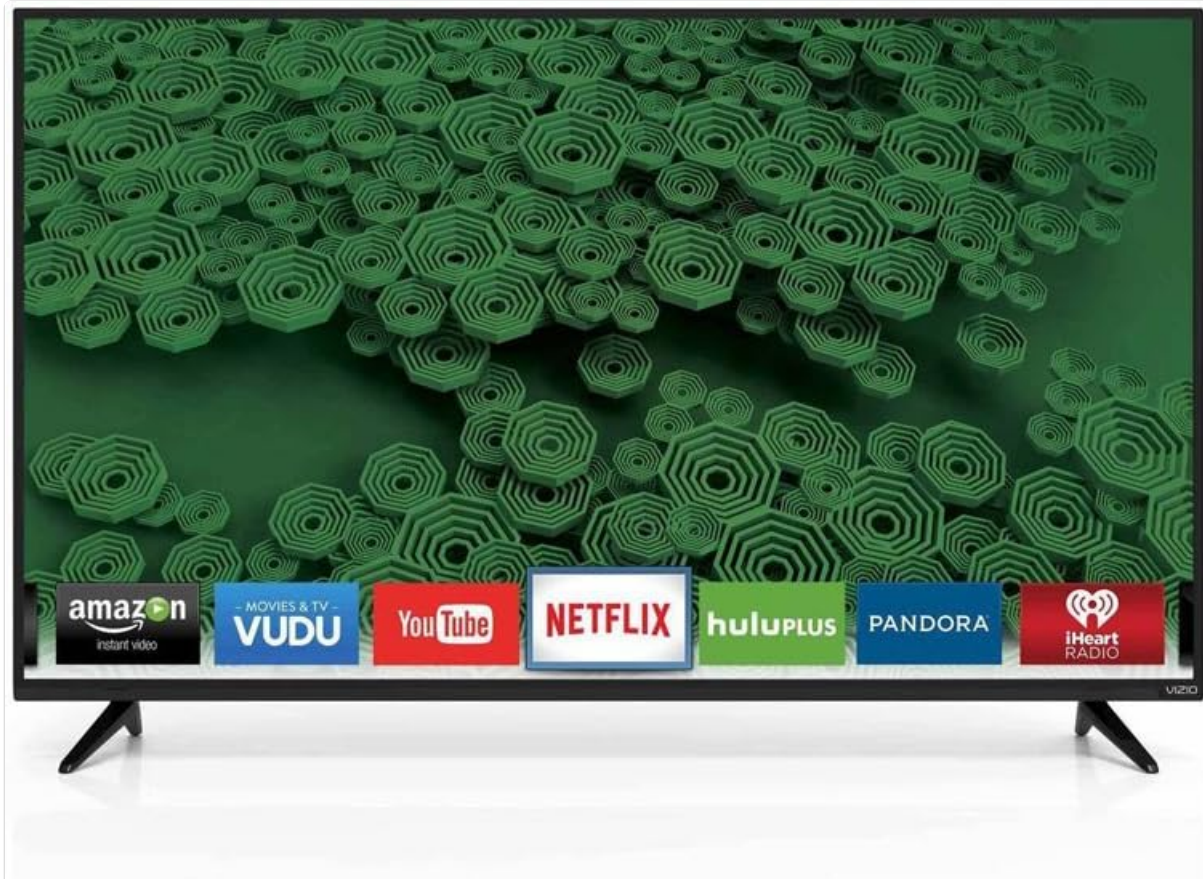


Image: Frontal view of the VIZIO D50u-D1 TV, highlighting the vibrant display of pre-installed smart application icons at the bottom of the screen.

Picture Settings

To optimize your viewing experience, you can adjust various picture settings. Access the Picture menu through the TV's main settings. Key settings include:

- **Picture Mode:** Select from presets like Standard, Calibrated, Vivid, Game, or Computer. 'Calibrated' or 'Calibrated Dark' often provide the most accurate colors out of the box.
- **Backlight:** Adjusts the overall brightness of the screen.
- **Brightness:** Controls the black levels of the image.
- **Contrast:** Adjusts the white levels of the image.
- **Color:** Controls the intensity of colors.
- **Tint:** Adjusts the balance between green and magenta.
- **Sharpness:** Enhances edge detail.
- **Advanced Picture Settings:** Includes options like Active LED Zones, Clear Action 240, and Color Temperature for fine-tuning.

Sound Settings

Adjust audio settings to suit your preferences. Access the Audio menu through the TV's main settings.

- **Sound Mode:** Choose from presets like Standard, Music, Movie, or adjust manually.
- **Surround Sound:** Enable or disable virtual surround sound.
- **Volume Leveling:** Helps maintain consistent volume across different channels and inputs.
- **Balance:** Adjusts the left/right speaker balance.
- **Digital Audio Out:** Configure for PCM or Bitstream output when using external audio systems.

MAINTENANCE

Cleaning Your TV

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth with water or a screen cleaner specifically designed for electronics. Never spray liquid directly onto the screen. For the TV casing, use a soft, dry cloth. Avoid using abrasive cleaners or solvents.

Software Updates

Your VIZIO Smart TV can receive software updates automatically when connected to the internet. These updates improve performance, add new features, and fix bugs. Ensure your TV remains connected to a stable internet connection for automatic updates. Manual update options may be available in the TV's settings menu.

TROUBLESHOOTING

If you encounter issues with your VIZIO D50u-D1 TV, refer to the following common solutions:

Problem	Possible Solution
No Power	Ensure the power cord is securely plugged into both the TV and a working wall outlet. Try a different outlet. Press the power button on the TV itself, not just the remote.
No Picture / Black Screen	Check that the correct input source is selected (e.g., HDMI 1, HDMI 2). Ensure all cables are securely connected. Try power cycling the TV (unplug from wall for 30 seconds, then plug back in).

Problem	Possible Solution
No Sound	Check the volume level and ensure the TV is not muted. If using external speakers, check their power and connections. Verify audio output settings in the TV menu.
Wi-Fi Disconnection / No Internet	Check your router and modem. Restart your router. Reconnect to the Wi-Fi network in the TV's settings, ensuring the correct password is entered. Try a wired Ethernet connection if possible.
Remote Control Not Working	Replace the batteries in the remote. Ensure there are no obstructions between the remote and the TV's IR sensor.
Apps Not Loading / Freezing	Ensure a stable internet connection. Try restarting the TV. Check for available software updates for the TV.

If the problem persists after trying these solutions, please contact VIZIO Customer Support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	VIZIO
Model Number	D50u-D1
Screen Size	50 Inches
Display Technology	LED (Full-Array LED Backlight with 12 Active LED Zones)
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	120Hz Effective (Clear Action 240)
Aspect Ratio	16:9
Connectivity Technology	HDMI (5 ports, 1 dedicated for 4K@60fps), Wi-Fi (Dual band 802.11ac), Ethernet
Special Features	Smart TV with Ultra HD streaming support, Spatial Scaling Engine, Flat Panel
Color Name	Black
Item Weight	36.6 Pounds
Product Dimensions	47.64 x 15.12 x 30.04 inches
Voltage	120 Volts
Wattage	73.6 watts
Batteries	2 AAA batteries required (included for remote)

WARRANTY AND SUPPORT

VIZIO products are designed for reliability and performance. For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official VIZIO support website. Typically, VIZIO offers a limited warranty covering defects in materials and workmanship.

For technical support, troubleshooting assistance, or to inquire about service, please contact VIZIO Customer Support:

- **Online Support:** Visit support.vizio.com for FAQs, user manuals, and software downloads.
- **Phone Support:** Refer to the VIZIO website or your product documentation for the most current customer service phone number.

When contacting support, please have your TV's model number (D50u-D1) and serial number ready. The serial number is typically located on a sticker on the back of the TV.