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## LG 42LD450

# LG 42LD450 42-Inch 1080p 60 Hz LCD HDTV User Manual

Model: 42LD450

## INTRODUCTION

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This manual provides essential information for the proper setup, operation, and maintenance of your LG 42LD450 42-Inch 1080p 60 Hz LCD HDTV. Please read these instructions thoroughly before using your television to ensure optimal performance and safety. The LG 42LD450 offers Full HD 1080p resolution, a 100,000:1 dynamic contrast ratio, and features like Picture Wizard II for easy picture calibration and Smart Energy Savings.

## SETUP

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### Unpacking and Stand Assembly

Carefully remove the television and all accessories from the packaging. The package includes the TV and a stand. Place the TV face down on a soft, clean surface to prevent screen damage. Attach the stand to the television using the provided screws, ensuring it is securely fastened. Refer to the diagram below for proper stand attachment.



*Figure 1: Front view of the LG 42LD450 television with the attached stand.*





*Figure 2: Side profile of the LG 42LD450 television, illustrating its slim design and stand.*

## **Connecting Devices**

Connect your external devices such as cable boxes, Blu-ray players, or gaming consoles to the appropriate ports on the back of the TV. The LG 42LD450 features multiple connectivity options including HDMI and AV inputs. Ensure all cables are securely connected.







Figure 3: Side view of the LG 42LD450 television, highlighting the various input ports for external devices.

## Initial Power-On and Picture Wizard II

After connecting all devices and plugging in the power cord, press the power button on the TV or remote control. The TV will guide you through an initial setup process. Utilize the **Picture Wizard II** feature for easy picture calibration, allowing you to adjust settings like brightness, contrast, and color to your preference. The TV is also **ISFccc Ready** for professional calibration.

## OPERATING INSTRUCTIONS

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### Basic Controls

Use the remote control to navigate the TV's functions. Key controls include:

- **Power:** Turns the TV on or off.
- **Volume Up/Down:** Adjusts the sound level.
- **Channel Up/Down:** Changes the channel.
- **Input/Source:** Selects the input source (HDMI, AV, etc.).
- **Menu:** Accesses the main menu for settings adjustments.

Some basic controls are also available on the side of the television unit.



Figure 4: Front view of the LG 42LD450 television, showing the integrated side controls.

## Picture and Sound Settings

Access the TV's menu to fine-tune picture and sound settings. You can select various picture modes (e.g., Standard, Cinema, Game) and adjust individual parameters. For audio, options like AVL (Auto Volume Leveler) can help maintain consistent volume across different programs and commercials. The TV features **Smart Energy Savings** modes to reduce power consumption.

## Smart Features and Connectivity

The LG 42LD450 supports Wi-Fi connectivity and offers access to supported internet services such as a web browser, Hulu, and Netflix. Ensure your TV is connected to a stable internet network to utilize these features.

## MAINTENANCE

### Cleaning the TV

To clean the screen, gently wipe it with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or

a specialized screen cleaner. Avoid using harsh chemicals, abrasive cleaners, or spraying liquid directly onto the screen. For the cabinet and stand, use a soft, dry cloth to remove dust. The glossy black finish of the stand may attract dust, so regular cleaning is recommended.

## General Care

Avoid placing the TV in direct sunlight or near heat sources. Ensure adequate ventilation around the unit. Do not block ventilation openings. When moving the TV, always lift it carefully from the bottom, preferably with two people, to prevent damage to the screen or stand.

## TROUBLESHOOTING

If you encounter issues with your LG 42LD450, refer to the following common problems and solutions:

- **No Power:**
  - Ensure the power cord is securely plugged into both the TV and a working electrical outlet.
  - Check if the outlet is functional by plugging in another device.
- **No Signal / Blank Screen:**
  - Verify that the correct input source is selected (e.g., HDMI1, AV1). Press the 'Input' or 'Source' button on your remote to cycle through inputs.
  - Check all cable connections between the TV and your external devices (cable box, Blu-ray player). Ensure they are firmly seated.
  - If using an antenna, ensure it is properly connected and positioned.
- **Remote Control Not Working:**
  - Replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote and the TV's remote sensor.
  - Point the remote directly at the TV.
- **Poor Picture Quality:**
  - Adjust picture settings using the Picture Wizard II or manual controls (brightness, contrast, sharpness, color).
  - Ensure your input source is providing a high-quality signal (e.g., using an HD cable box for HD content). Non-HD content may appear less sharp on a Full HD screen.
  - If using an antenna, try repositioning it or checking signal strength.
- **No Sound or Low Sound:**
  - Check the volume level on both the TV and any connected audio devices.
  - Ensure the TV is not muted. Press the 'Mute' button on the remote.
  - Verify audio cable connections if using external speakers or a sound system.

If the problem persists after trying these steps, please refer to the customer support section.

## SPECIFICATIONS

Feature	Specification
Model Name	42LD450
Screen Size	42 Inches
Display Technology	LCD
Resolution	1920 x 1080 (Full HD 1080p)
Refresh Rate	60 Hz

Feature	Specification
Dynamic Contrast Ratio	100,000:1
Product Dimensions (W x H x D)	40.2 x 25 x 3 inches (without stand)
Item Weight	29.8 Pounds
Wattage	20 watts
Connectivity Technology	Wi-Fi
Supported Internet Services	Browser, Hulu, Netflix
Included Components	Stand, TV
Color	Noble Titan
Date First Available	February 24, 2010

## WARRANTY INFORMATION

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Your LG 42LD450 television is covered by a limited warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty card included with your product at the time of purchase. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

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For further assistance, technical support, or service inquiries, please contact LG Customer Service or visit the official LG website. You can find contact information and support resources on the LG Electronics website: [LG Electronics Store](#). When contacting support, please have your TV model number (42LD450) and serial number ready.