

Sharp LC52LE830U

Sharp LC-52LE830U 52-inch Full HD Television User Manual

Model: LC-52LE830U | Brand: Sharp

INTRODUCTION

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Sharp LC-52LE830U 52-inch Full HD Television. Please read this manual thoroughly before operating your television to ensure proper use and to maximize your viewing experience. This model features a 52-inch Full HD (1920 x 1080 pixels) display with a 120Hz refresh rate, Edge LED backlighting, and smart TV capabilities including internet access and streaming services.

1. SETUP

1.1 Unpacking and Contents

Carefully remove the television and all accessories from the packaging. Ensure all components are present:

- Sharp LC-52LE830U Television
- Remote Control (GA936WJSA)
- Batteries (2 x AA)
- Tabletop Stand
- Power Cord
- User Manual (this document)
- Quick Setup Guide



Figure 1: Front view of the Sharp LC-52LE830U Television with its stand.





Figure 2: Side profile of the Sharp LC-52LE830U Television, highlighting its slim design.

1.2 Connecting Cables

Ensure the television is unplugged before making any connections.

- **HDMI (4 ports):** Connect high-definition devices like Blu-ray players, game consoles, or cable/satellite boxes.
- **USB (2 ports):** For connecting USB storage devices to view photos (JPG) or play videos (H.264, MPEG4).
- **Ethernet (RJ-45):** For wired internet connection.
- **Component Video (YPbPr/YCbCr):** For connecting devices using component video cables.
- **Composite Video:** For connecting older video devices.
- **PC (D-Sub):** For connecting a computer.
- **Audio Out (Headphone, Digital Optical):** For connecting external audio systems or headphones.
- **RS-232:** For professional control systems.

1.3 Powering On and Initial Setup

After connecting all necessary cables, plug the power cord into an electrical outlet. Press the **POWER** button on the television or



Figure 3: The Sharp AQUOS remote control, used for navigating menus and controlling TV functions.

1.4 Network Connection

The LC-52LE830U supports both wired (Ethernet) and wireless (Wi-Fi) internet connections. During the initial setup or via the network settings menu, select your preferred connection type and follow the on-screen prompts to connect to your home network. A stable internet connection is required for smart TV features and firmware updates.

2. OPERATING

2.1 Basic Controls

Use the supplied remote control to operate the television. Key buttons include:

- **POWER:** Turns the TV on or off.
- **INPUT:** Selects the input source (HDMI, Component, USB, etc.).
- **VOL +/-:** Adjusts volume.
- **CH +/-:** Changes channels.
- **MENU:** Accesses the main menu for settings.
- **APPS:** Direct access to smart TV applications.
- **Navigation Buttons (Up/Down/Left/Right) and ENTER:** For menu navigation and selection.
- **VIEW MODE:** Allows instant expansion of the TV source to fit the screen, useful for various aspect ratios.

2.2 Picture Settings

Access the Picture menu to adjust display settings for optimal viewing. The LC-52LE830U features Full HD (1920 x 1080 pixels) resolution and a 120Hz refresh rate. Adjustable settings include:

- **Picture Mode:** Standard, Movie, Game, User, etc.
- **Backlight:** Adjusts the brightness of the Edge LED backlight.
- **Contrast:** Controls the difference between light and dark areas.
- **Brightness:** Adjusts the overall luminance.
- **Color:** Adjusts color saturation.
- **Tint:** Adjusts the green-to-magenta balance.
- **Sharpness:** Enhances or softens image edges.
- **Advanced Settings:** Fine-tune motion settings (e.g., 120Hz Fine Motion), color temperature, and noise reduction.

2.3 Audio Settings

The television is equipped with built-in speakers and a subwoofer, providing 20W RMS total power (15W for subwoofer). Adjust audio settings via the Sound menu:

- **Sound Mode:** Standard, Music, Movie, User.
- **Bass/Treble:** Adjust low and high frequencies.
- **Balance:** Adjust audio output between left and right speakers.
- **Surround Sound:** Enable or disable virtual surround sound effects.
- **Digital Audio Out:** Configure settings for external audio systems connected via optical cable.
- **Headphone Volume:** Adjust volume for connected headphones.

2.4 Smart TV Features

Connect your television to the internet to access various smart TV features and streaming services. Supported services include Vudu, Netflix, and Cinemanow. The TV also supports PC streaming and general internet access. Navigate through the APPS menu to explore available applications.

2.5 USB Media Playback

Insert a USB storage device into one of the USB 2.0 ports. The TV supports playback of image formats like JPG and video formats such as H.264 and MPEG4. Use the media browser to select and play your content.

2.6 Timer Functions

The television includes a Sleep Timer and an On/Off Timer. These can be configured in the System or Setup menu to automatically turn the TV off after a set period or to turn it on/off at specific times.

3. MAINTENANCE

3.1 Cleaning the Television

Always unplug the television before cleaning. Use a soft, dry cloth to wipe the screen and cabinet. For stubborn marks on the screen, lightly dampen a microfiber cloth with water or a screen-specific cleaning solution. Do not use abrasive cleaners, waxes, or solvents as they can damage the finish.

3.2 Firmware Updates

Sharp may release firmware updates to improve performance or add new features. It is recommended to periodically check for and install updates. This can typically be done through the TV's system settings menu, often under "Software Update" or "System Information." Ensure a stable internet connection during the update process.

4. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, please contact Sharp customer support.

Problem	Possible Cause / Solution
No Power / TV won't turn on	<p>Ensure the power cord is securely plugged into the TV and the wall outlet.</p> <p>Check if the outlet has power.</p> <p>Try pressing the power button firmly on the TV itself, as the remote button might sometimes require a firm press or the remote batteries might be low.</p> <p>Unplug the TV for a few minutes, then plug it back in.</p>

Problem	Possible Cause / Solution
No Picture / Poor Picture Quality	<p>Verify the correct input source is selected.</p> <p>Check cable connections (HDMI, component, etc.) for looseness or damage.</p> <p>Adjust picture settings (Brightness, Contrast, Color, Sharpness) in the Picture menu.</p> <p>For dull or muted colors, ensure advanced picture enhancements like "120Hz Fine Motion" are correctly configured or try disabling them if they cause issues.</p> <p>If viewing angle affects contrast, this is characteristic of some LCD panels; try adjusting your viewing position.</p>
No Sound / Poor Sound Quality	<p>Check the volume level and ensure Mute is not activated.</p> <p>If using external audio, ensure the correct audio output is selected on the TV and the external system is powered on and configured correctly.</p> <p>Adjust Bass/Treble settings in the Sound menu.</p> <p>Note that built-in speakers, especially rear-facing ones, may have limited sound projection. Consider an external soundbar or audio system for enhanced sound.</p>
Remote Control Not Working	<p>Replace the batteries (2 x AA).</p> <p>Ensure there are no obstructions between the remote and the TV's IR sensor.</p> <p>Point the remote directly at the TV.</p>
Network Connection Issues	<p>Verify your router/modem is working correctly.</p> <p>For Wi-Fi, re-enter the password.</p> <p>Try connecting via Ethernet cable if Wi-Fi is unstable.</p> <p>Restart your router/modem and the TV.</p>

5. SPECIFICATIONS

Key technical specifications for the Sharp LC-52LE830U Television:

Feature	Detail
Model Name	LC-52LE830U
Screen Size	52 inches (132.1 cm)
Display Technology	LED (Edge LED Backlight)
Resolution	Full HD 1920 x 1080 Pixels
Refresh Rate	120 Hz
Response Time	4 ms
Aspect Ratio	16:9
Dynamic Contrast Ratio	6,000,000:1
Viewing Angle (H/V)	176° / 176°
Audio Output	20W RMS (2 speakers + 15W subwoofer)

Feature	Detail
Connectivity	4x HDMI, 2x USB 2.0, 1x Ethernet (RJ-45), 1x Component Video (YPbPr/YCbCr), 1x Composite Video, 1x PC (D-Sub), 1x RS-232, 1x Headphone Out
Supported Media	Images: JPG; Video: H.264, MPEG4; Audio: MP3
Smart TV Services	Vudu, Netflix, Cinemanow
Power Consumption	180 W
Dimensions (W x D x H)	120.4 x 29.46 x 78.74 cm (with stand)
Weight	27.99 kg


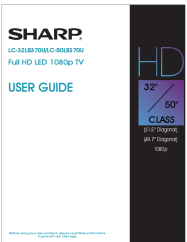
6. WARRANTY AND SUPPORT

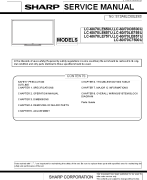
Your Sharp LC-52LE830U Television comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Sharp customer support. Contact information can typically be found on the Sharp official website or in the product packaging.

For the most up-to-date support resources, visit the official Sharp website and navigate to the support section for your specific model.

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Related Documents - LC52LE830U

	<p>SHARP LC-42LE756/758/759/760/761/762 & LC-50LE756/758/759/760/761/762 Series LCD Colour Television User Manual</p> <p>Comprehensive user manual for SHARP LC-42LE and LC-50LE series LCD Colour Televisions, covering setup, operation, features, safety, troubleshooting, and technical specifications.</p>
	<p>Sharp LC-32LB370U/LC-50LB370U Full HD LED 1080p TV User Guide</p> <p>Comprehensive user guide for the Sharp LC-32LB370U and LC-50LB370U Full HD LED 1080p TVs. Learn about setup, connections, features, troubleshooting, and specifications.</p>

	<p>Sharp LC-60/70LE Series LCD TV Service Manual</p> <p>Official service manual for Sharp LC-60/70LE series LCD televisions (models LC-60/70LE650U, C6500U, LE657U, LE755U, LE757U, LE857U, C7500U). Provides technical specifications, repair procedures, troubleshooting guides, parts lists, and wiring diagrams for service professionals.</p>
	<p>Sharp AQUOS LC-LE810UN Series Operation Manual</p> <p>User operation manual for the Sharp AQUOS LC-40LE810UN, LC-46LE810UN, LC-52LE810UN, and LC-60LE810UN series liquid crystal televisions. Includes setup, safety, and usage instructions.</p>
	<p>Sharp AQUOS Liquid Crystal Television Operation Manual</p> <p>Comprehensive operation manual for Sharp AQUOS Liquid Crystal Televisions, covering safety, setup, operation, and troubleshooting for various models.</p>
	<p>SHARP LC-60LE830E/LC-52LE830E LCD Colour Television Operation Manual</p> <p>User operation manual for SHARP LC-60LE830E, LC-52LE830E, LC-60LE830RU, LC-52LE830RU, LC-60LE831E, LC-52LE831E, LC-60LE831S, and LC-52LE831S LCD Colour Televisions. Covers setup, features, connectivity, troubleshooting, and specifications.</p>