

XIAOMI L55MC-FSMIN

Xiaomi 55-inch FX Mini LED Series Smart TV

MODEL: L55MC-FSMIN USER MANUAL

1. Introduction

This manual provides essential information for the safe and efficient operation of your Xiaomi 55-inch FX Mini LED Series Smart TV (Model L55MC-FSMIN). Please read this manual thoroughly before using the product and retain it for future reference.

Safety Information

- Do not expose the TV to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation. Do not block ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Disconnect the power cord during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

2. What's in the Box

Carefully unpack the box and ensure all items are present and undamaged. The package should contain:

- 1 LED TV
- 1 Remote Control
- 1 User Manual
- 2 Stands Unit
- 4 Screws for stand installation
- 2 x AAA batteries for the remote control
- 1 Power Cord

Comprehensive Connectivity

Connect all your devices with ease. Multiple HDMI ports (with eARC), dual USB ports, Ethernet, optical audio, and a 3.5mm headphone jack — ensuring full compatibility with consoles, soundbars, set-top boxes, and more.



Figure 2.1: Included components in the product packaging.

3. Setup

3.1 Stand Installation

To install the TV stands:

1. Place the TV face down on a soft, flat surface to prevent screen damage.
2. Align each stand with the corresponding slots on the bottom of the TV.
3. Secure each stand with the provided screws. Ensure they are tightened firmly.

Not All Mini LEDs Are Built The Same

Upgrade to Xiaomi FX Mini LED



XIAOMI FX Mini LED TV



Other Brands in Same Segment

✓ Full Array Mini LED Backlight



Basic Mini LED Dimming ✗

✓ Bright 4K Quantum Dot Display



Standard 4K Display ✗

✓ Fire TV Built-in with Alexa Voice Control



Limited Smart Experience ✗

✓ 32GB Storage for More Apps & Content



Lower Storage Capacity ✗

✓ DLG 120Hz* for Smoother Motion



Regular Refresh Rate ✗

Figure 3.1: TV dimensions and stand attachment points.

3.2 Wall Mounting (Optional)

If you choose to wall mount your TV, please use a VESA-compatible wall mount kit (sold separately) and follow the instructions provided with the wall mount. Ensure the wall can support the weight of the TV and mount.

3.3 Power Connection

Connect the power cord to the TV's power input and then plug the other end into a suitable electrical outlet. The TV is designed to operate on 100-240 VAC, 50-60 Hz.

4. Connectivity

Your Xiaomi Smart TV offers a variety of connectivity options for external devices.

- **HDMI Ports:** 3 HDMI ports are available for connecting gaming consoles, set-top boxes, Blu-ray players, and other HDMI-enabled devices. One port supports eARC for enhanced audio return.
- **USB Ports:** 2 USB ports are provided for connecting hard drives, USB flash drives, and other USB devices.
- **Ethernet:** An Ethernet port allows for a wired internet connection.

- **Optical Audio:** An optical output port for connecting to external audio systems.
- **Bluetooth:** Integrated Bluetooth for wireless accessory connection.
- **Wi-Fi:** Dual-band Wi-Fi for wireless internet connectivity.
- **AV Input:** For connecting older devices with composite video and stereo audio outputs.

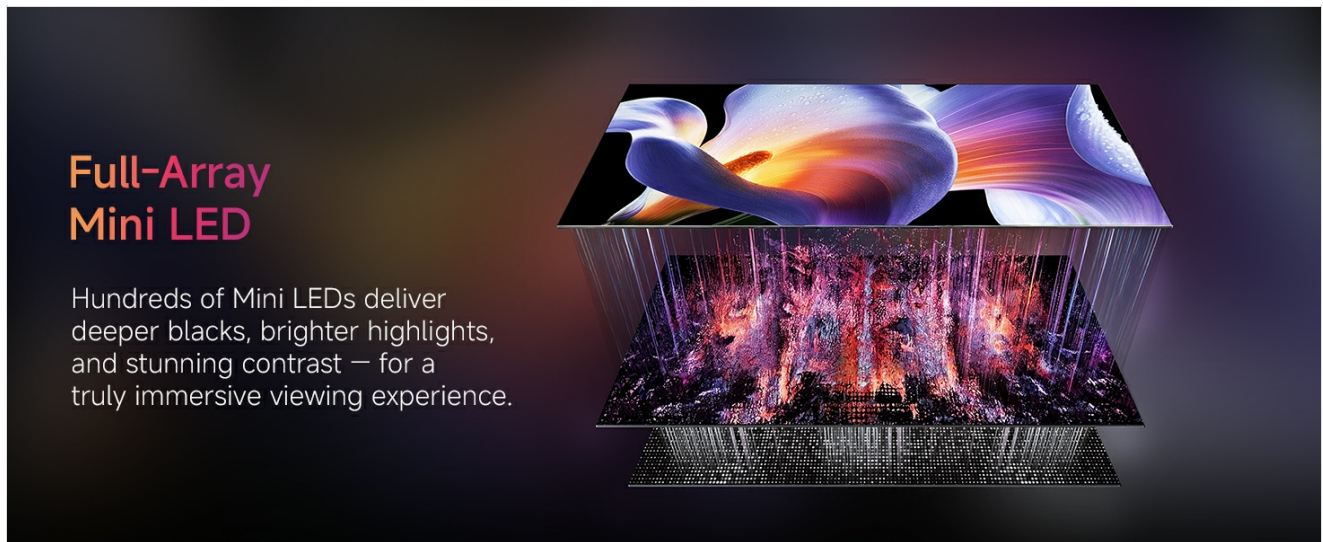


Figure 4.1: Rear connectivity ports of the Xiaomi Smart TV.

5. Operating Your TV

5.1 Remote Control

The included 360-degree Bluetooth remote control allows for easy navigation and control of your TV. It features dedicated buttons for popular streaming apps and voice control activation.

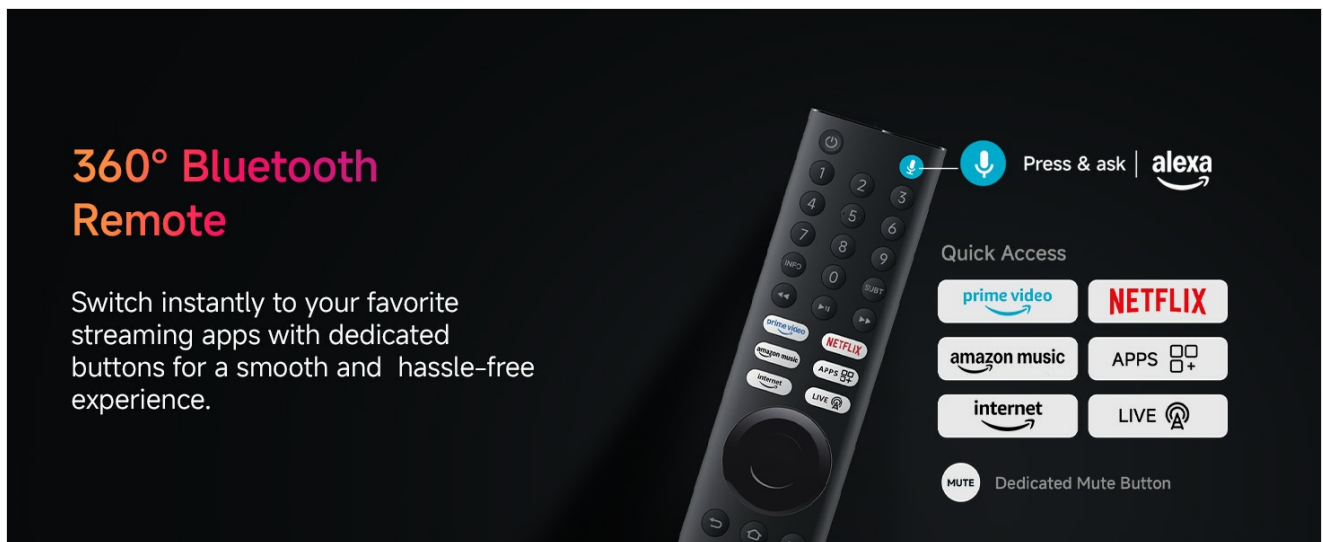


Figure 5.1: Xiaomi Smart TV Bluetooth Remote Control.

5.2 Fire OS Smart Features

Your TV runs on Fire OS, providing a user-friendly interface to access a wide range of applications and content. The home screen centralizes your favorite apps, shows, movies, sports, and live TV.

- **Supported Apps:** Access popular streaming services like Netflix, Prime Video, YouTube, Zee5, JioCinema, SonyLiv, and more.
- **Built-In Wi-Fi:** Connect to your home network wirelessly for seamless streaming.
- **Miracast & AirPlay 2:** Mirror content from compatible smartphones and devices to your TV screen.
- **Internal Storage:** The TV includes 32 GB of internal storage for apps and content.

Figure 5.2: Fire OS Smart TV Interface.

5.3 Voice Control with Alexa

Utilize the built-in Alexa voice assistant by pressing the microphone button on your remote. You can launch apps, change channels, search for content, and control smart home devices using voice commands.

6. Display and Audio Features

6.1 Display Technology

The Xiaomi FX Mini LED Series TV features advanced display technologies for a superior viewing experience:

- **4K Ultra HD Resolution:** Enjoy stunning clarity with 3840 x 2160 pixels, offering four times the detail of Full HD.
- **Quantum Dot Mini LED:** Combines precise Mini LED backlighting with Quantum Dot color technology for vibrant colors, deeper blacks, and brighter highlights.
- **Full-Array Local Dimming:** LEDs cover the entire back panel, allowing dynamic adjustment of backlight zones for enhanced contrast and picture accuracy.
- **HDR Support:** Compatible with 4K Dolby Vision, HDR 10, HDR 10+, and HLG for expanded contrast and color range.
- **Filmmaker Mode:** Preserves the original aspect ratio, colors, and frame rates to deliver content as intended by the creators.
- **Reality Flow MEMC:** Motion Estimation, Motion Compensation technology for smoother motion in fast-paced scenes.
- **Wide Colour Gamut:** Supports DCI-P3 93% and 1.07 billion colors for lifelike visuals.

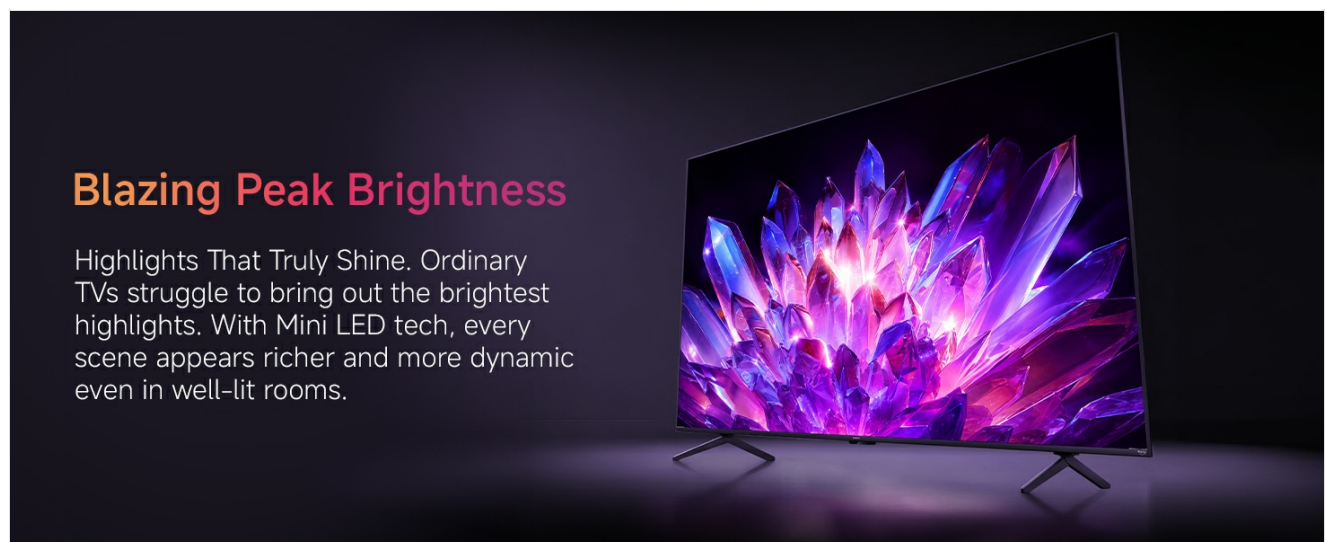


Figure 6.1: Full-Array Mini LED Backlight System.

20W 4-Speaker Audio System

Sound You Can Feel. Dual full-range speakers paired with dual tweeters deliver clear vocals, immersive highs, and deep cinematic presence.



Figure 6.2: Enhanced Contrast with Mini LED.

6.2 Audio System

The TV is equipped with a 20-watt audio output system, featuring built-in box speakers designed to produce powerful stereo sound. It supports Dolby Audio, DTS-X, and DTS Virtual:X for an immersive audio experience.

7. Gaming Features

For gamers, the Xiaomi FX Mini LED Series TV includes a DLG 120Hz Game Mode. This feature automatically delivers smoother motion and reduced latency, providing a more responsive gaming experience at up to 120 frames per second (FPS).

DLG 120 Hz Game Mode

Smooth. Swift. Unstoppable. Smoother motion, reduced latency, and crisp fast-motion clarity — built for gaming, action, and sport.

*The 43-inch variant does not support 120Hz.



Figure 7.1: DLG 120Hz Game Mode in action.

8. Maintenance

8.1 Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Never spray liquid directly onto the screen.

8.2 General Care

- Keep the TV away from direct sunlight and heat sources.
- Avoid placing heavy objects on top of the TV.

- Ensure adequate space around the TV for proper ventilation.

9. Troubleshooting

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

Problem	Possible Solution
No power	Check if the power cord is securely plugged into the TV and the electrical outlet. Ensure the outlet is active.
No picture, but sound is present	Verify the correct input source is selected. Check all cable connections to external devices.
No sound, but picture is present	Check the volume level and mute settings. Ensure external audio systems are correctly connected and powered on.
Remote control not working	Replace the AAA batteries. Ensure there are no obstructions between the remote and the TV. Re-pair the Bluetooth remote if necessary.
Poor Wi-Fi connection	Move the router closer to the TV or use a wired Ethernet connection. Restart your router and TV.

10. Specifications

Key technical specifications for the Xiaomi 55-inch FX Mini LED Series Smart TV (Model L55MC-FSMIN):

Feature	Specification
Screen Size	55 Inches (138 cm)
Model Number	L55MC-FSMIN
Display Technology	Mini LED, Quantum Dot
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	60 Hz (DLG 120 Hz)
HDR Format Supported	4K Dolby Vision, HDR 10, HDR 10+, HLG
Operating System	Fire OS
Internal Storage	32 GB
RAM	2 GB
Audio Output	20 Watts
Audio Encoding	Dolby Audio, DTS-X, DTS Virtual:X
Connectivity	Dual Band Wi-Fi, 3 HDMI (1 eARC), 2 USB, Ethernet, Bluetooth, Optical, AV
Product Dimensions (D x W x H)	27.4D x 122.6W x 77.5H Centimeters

Feature	Specification
Item Weight (without stand)	11.4 Kilograms
Power Consumption	150 Watts
Included Components	TV, Remote, Manual, 2 Stands, 4 Screws, 2 AAA batteries, Power Cord

11. Warranty and Support

11.1 Warranty Information

Your Xiaomi Smart TV comes with a 1-year comprehensive warranty on the product and an additional 1-year warranty on the panel, provided by the brand from the date of purchase. Please retain your purchase receipt for warranty claims.

11.2 Customer Support

For any assistance or service requests, please contact Xiaomi customer support. Details can be found on the official Xiaomi website or in the warranty card included with your product.

- **Installation Support:** 99% of new TV installations are completed within 3 hours of your appointment.
- **Assistance:** Expect a call back from our team within 60 minutes for service requests.
- **On-site Solutions:** Experts aim to arrive at your home within 24 hours for service requests, 99% of the time.