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Modern Ember Aerus ME-SL42

Modern Ember Aerus ME-SL42 42-Inch Smart Linear Electric Fireplace Instruction Manual

Model: Aerus ME-SL42

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Modern Ember Aerus ME-SL42 42-Inch Smart Linear Electric Fireplace. Please read all instructions carefully before installation and use. Retain this manual for future reference.

The Aerus ME-SL42 is a versatile electric fireplace designed for either recessed in-wall or wall-mount installation. It features LED multiple flame colors, Alexa/WiFi connectivity, and a 5.75-inch profile, offering customizable ambiance and supplemental heating.

2. IMPORTANT SAFETY INFORMATION

WARNING: Read and understand all instructions before using this appliance. Failure to follow instructions may result in electric shock, fire, or serious injury.

- Always disconnect power before cleaning or performing maintenance.
- Do not operate any fireplace with a damaged cord or plug, or if the heater has malfunctioned, been dropped, or damaged in any manner.
- Do not use outdoors.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- Always use properly grounded, fused, and polarized outlets.
- This appliance is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the fireplace is left operating and unattended.

3. SETUP AND INSTALLATION

The Modern Ember Aerus ME-SL42 electric fireplace offers two primary installation methods: wall-mounted or recessed in-wall. Choose the method that best suits your space and follow the detailed instructions below.

3.1 Unpacking and Preparation

- Carefully remove the fireplace from its packaging.
- Inspect the unit for any damage. If damage is found, do not install and contact customer support.
- Ensure all included components are present: Electric Fireplace, Multi-Function Remote, Premium Media Kit (Driftwood & Crystal Embers).
- Remove the glass frame by unscrewing the retaining screws.



Figure 3.1: Removing the glass frame for installation. This step is crucial for accessing mounting points and media bed.

3.2 Wall-Mount Installation

1. Locate the mounting bracket on the back of the fireplace. Remove it by unscrewing the fasteners.
2. Choose a suitable wall location. Ensure it is a sturdy wall capable of supporting the fireplace's weight.
3. Mark the desired height and level position for the mounting bracket on the wall.
4. Securely attach the mounting bracket to the wall using appropriate hardware (not specified, assume standard wall anchors/screws for studs).
5. Carefully lift the fireplace and hook it onto the wall-mounted bracket. Ensure it is securely seated.
6. Re-attach the retaining screws to fix the fireplace to the bracket.

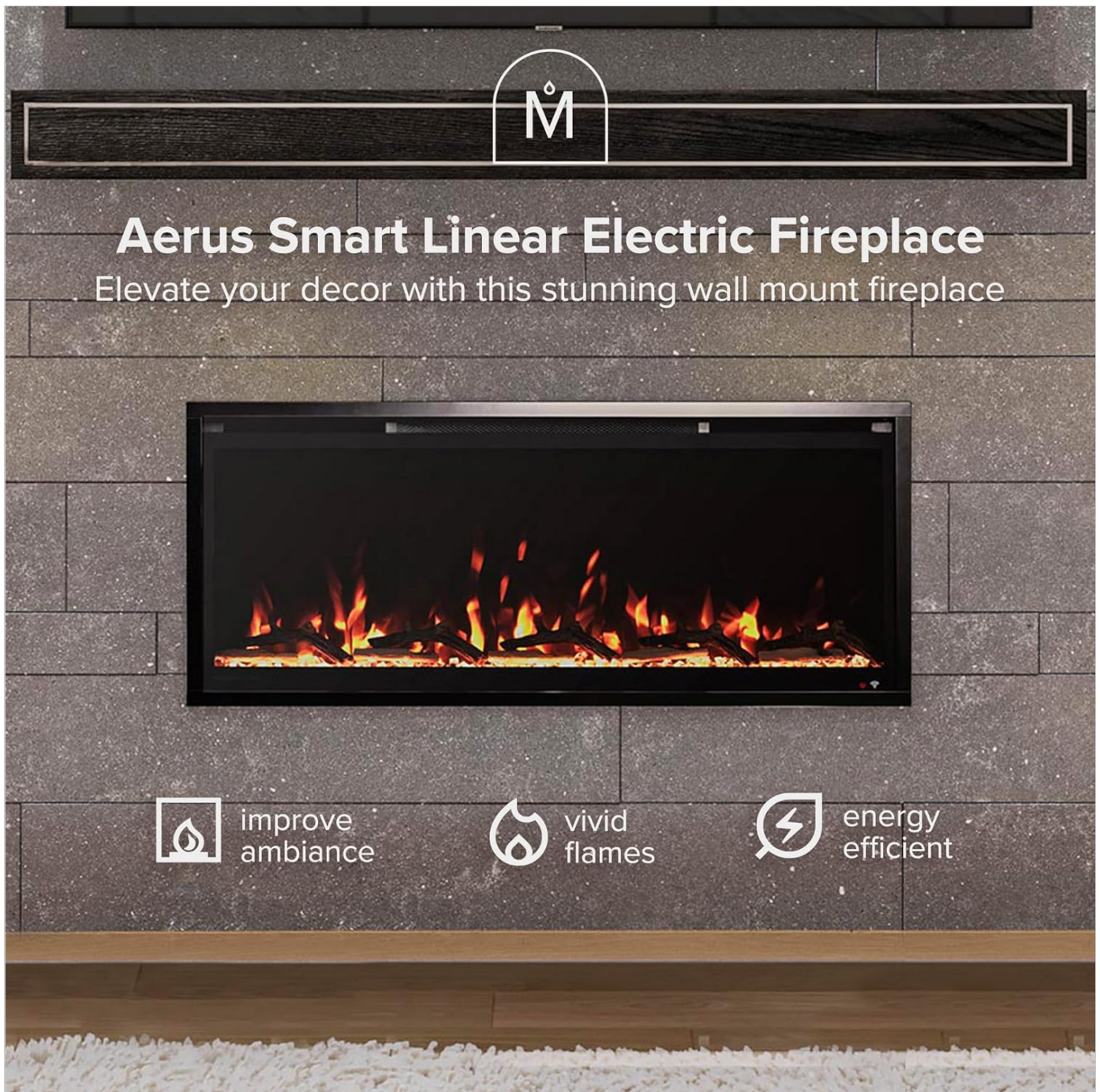


Figure 3.2: Visual guide for wall-mounted installation (left) and recessed installation (right).

3.3 Recessed In-Wall Installation

1. Construct a suitable frame within your wall. The fireplace is designed to fit perfectly into a 2"x6" wall frame. Refer to the included mounting guide for precise dimensions.
2. Ensure the framed opening is level and plumb.
3. Slide the fireplace into the framed opening.
4. Secure the fireplace to the wall studs using the provided screws through the designated mounting holes on the side flanges of the unit.



Figure 3.3: Detail of the fireplace side, illustrating how it fits into a recessed wall opening.

3.4 Media Kit Installation

- Once the fireplace is securely installed, arrange the included driftwood logs and crystal embers onto the ember bed. You can customize the arrangement to your preference.



Figure 3.4: The fireplace with the media kit installed, showcasing the flame effects.

3.5 Electrical Connection

- The fireplace offers two wiring options:
 - a. **Plug-in:** Use the included plug kit to connect to a standard 120V outlet.
 - b. **Hardwire:** For professional in-wall installations, the unit can be hardwired. **Caution:** Hardwire installation should only be performed by a qualified electrician to ensure safety and compliance with local electrical codes.

4. OPERATING INSTRUCTIONS

Your Aerus ME-SL42 electric fireplace can be controlled via the included multi-function remote, the integrated digital touch panel, or through a Wi-Fi enabled smart home assistant like Alexa.

4.1 Remote Control Operation

The included remote control allows for convenient adjustment of all fireplace functions from a distance.



Figure 4.1: The multi-function remote control and smartphone app interface for the fireplace.

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Heat Settings:** Adjust the desired room temperature (68°F - 88°F). The heater can be turned off completely for flame-only operation.
- **Flame Colors:** Cycle through 5 available flame colors.
- **Flame Brightness:** Select from 5 brightness levels for the flame effect.
- **Flame Speed:** Choose from 3 flame speeds (Mild, Moderate, Roaring).

- **Ember Bed Colors:** Select from 10 available ember bed colors.
- **Timer:** Set a timer for automatic shut-off, ranging from 30 minutes to 9 hours.



Figure 4.2: Detailed view of the remote control buttons and their functions.

4.2 Digital Touch Panel Operation

The fireplace features a discreet digital touch panel for direct control of its functions. The buttons on the panel correspond to the remote control functions.

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Video 4.1: Demonstrates the operation of the digital touch panel and various flame color options.

4.3 Smart Home (Alexa/WiFi) Integration

Connect your fireplace to your home Wi-Fi network to enable control via a smartphone app or voice commands through compatible smart home assistants like Alexa.

- Refer to the separate Wi-Fi setup guide for detailed instructions on connecting your fireplace to your home network and integrating with smart home platforms.
- Once connected, you can adjust settings with your voice or through the app from anywhere within your home.

Customizable Flame Effects

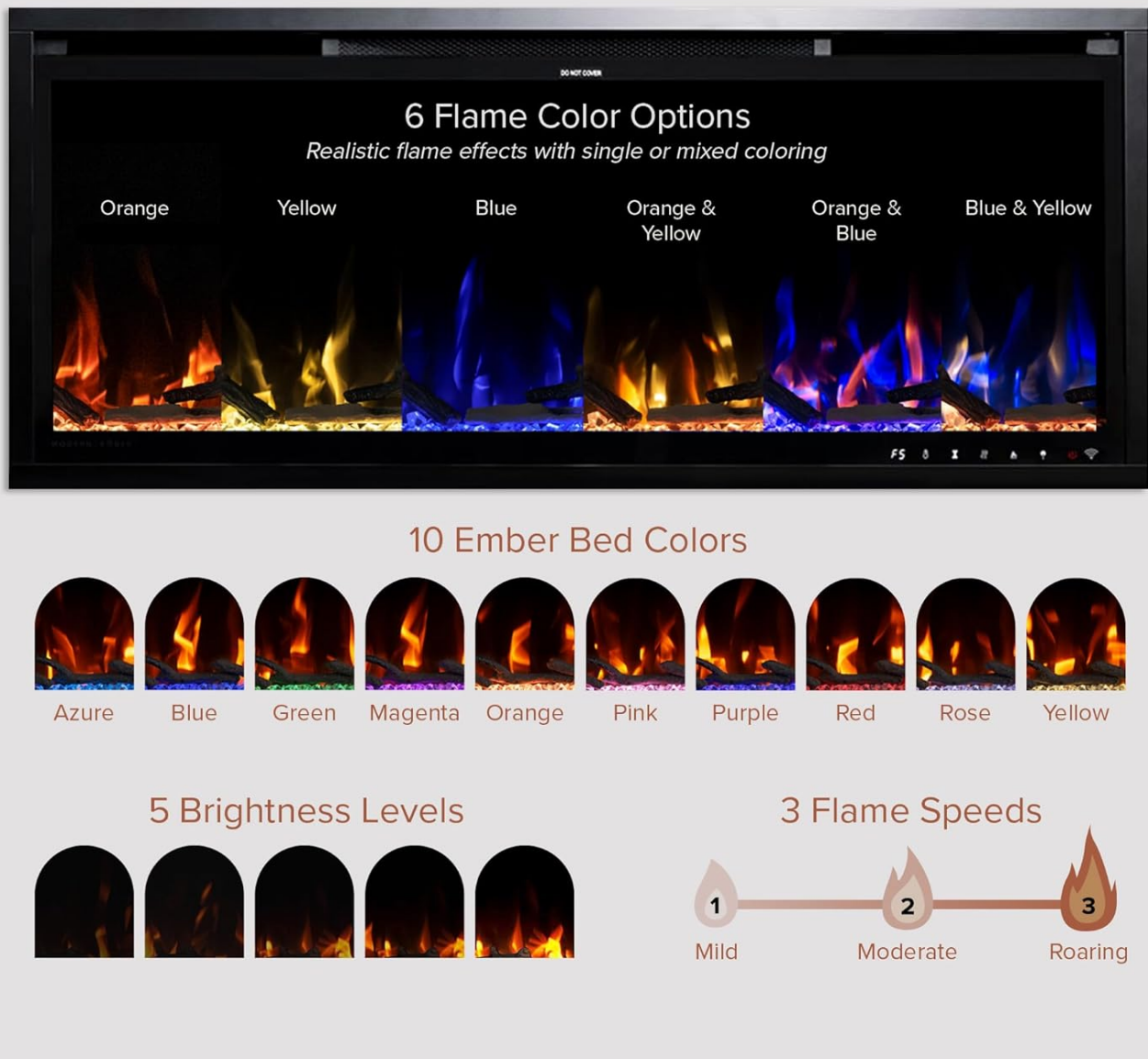


Figure 4.3: Controlling the fireplace via a smartphone app and voice commands.

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Video 4.2: Overview of the Modern Ember Aerus Electric Fireplace features, including smart control options.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric fireplace.

- **Cleaning:**

- Always unplug the fireplace before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or sprays.
- Gently clean the glass panel with a soft cloth and glass cleaner.
- Periodically vacuum the air intake and exhaust vents to prevent dust buildup.

- **Storage:** If storing the fireplace for an extended period, ensure it is clean, dry, and stored in a cool, dry place.

6. TROUBLESHOOTING

If you experience issues with your fireplace, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fireplace does not turn on.	No power, power cord not fully plugged in, circuit breaker tripped.	Ensure the power cord is securely plugged into a working 120V outlet. Check the circuit breaker and reset if tripped.
No heat output.	Heat function is off, thermostat setting is too low.	Activate the heat function using the remote or touch panel. Increase the thermostat setting to a desired temperature (68°F - 88°F).
Flames are not visible or dim.	Flame brightness setting is too low, LED lights malfunction.	Increase the flame brightness setting. If the issue persists, contact customer support.
Remote control not working.	Batteries are dead or incorrectly inserted, remote sensor blocked.	Replace the AAA batteries in the remote. Ensure there are no obstructions between the remote and the fireplace sensor.
Wi-Fi/Smart control issues.	Incorrect Wi-Fi setup, network issues, app malfunction.	Review the Wi-Fi setup guide. Check your home Wi-Fi network. Restart the app or fireplace.

If these steps do not resolve the issue, please contact Modern Ember customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Modern Ember
Model Name	Aerus ME-SL42
Product Dimensions	5.75"D x 42.1"W x 17.63"H
Material	Metal
Finish Type	Painted
Color	Black
Installation Type	Wall Mount, Recessed In-Wall
Power Source	AC (120V)
Power Consumption	1.47 Kilowatts (1470W)
Heat Output	5000 BTU Supplemental Heater (Heats up to 400 sq. ft.)
Special Features	5.75" Profile, Customizable Flame & Ember Colors (5 flame, 10 ember bed), 3 Flame Speeds, 5 Brightness Levels, Smart WiFi Control (Alexa/Google Assistant Enabled), Multi-Function Remote, Timer (30 min - 9 hours)
Included Components	Electric Fireplace, Multi-Function Remote, Premium Media Kit (Driftwood & Crystal Embers)
Item Weight	46.3 Pounds

Feature	Detail
Batteries	1 AAA batteries required (included for remote)
Ventilation Type	Vent Free
Burner Type	Quartz
Room Type	Bedroom, Home Office, Living Room
Specific Uses For Product	Indoor

8. WARRANTY INFORMATION

The Modern Ember Aerus ME-SL42 Electric Fireplace comes with a **Limited Warranty**. For specific terms, conditions, and duration of the warranty, please refer to the warranty card included with your product or contact Modern Ember customer support.

9. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Modern Ember customer support:

- **Manufacturer:** Modern Ember
- **Seller:** Electric Fireplaces Direct Outlet
- **Online Store:** [Modern Ember Store on Amazon](#)
- Refer to your product packaging or included documentation for direct contact information (phone/email).