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LemonNova FRGB 40x14

LemonNova 40"x14" FRGB LED Open Sign

Model: FRGB 40x14

Instruction Manual

1. INTRODUCTION

Thank you for choosing the LemonNova 40"x14" FRGB LED Open Sign. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new LED sign. Please read these instructions thoroughly before use and retain them for future reference.

This LED sign is designed to provide high visibility for businesses, attracting attention with its super bright, energy-efficient LED display. Its unique design and durable construction make it suitable for various commercial environments.

2. SAFETY INFORMATION

- Ensure the power supply voltage matches the product's requirements (typically 100-240V AC).
- Do not expose the sign to direct water or extreme humidity. This product is designed for indoor or sheltered outdoor use.
- Avoid blocking ventilation openings on the power adapter.
- Do not attempt to open or modify the sign or power adapter. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Disconnect power before cleaning or performing any maintenance.
- Ensure the sign is securely mounted to prevent falling.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- LemonNova 40"x14" FRGB LED Open Sign
- Power Adapter
- Hanging Chain
- Suction Cups (for window mounting)
- Connectors for individual letters (if applicable for assembly)
- Additional static "OPEN" sign and "BUSINESS HOURS" sign

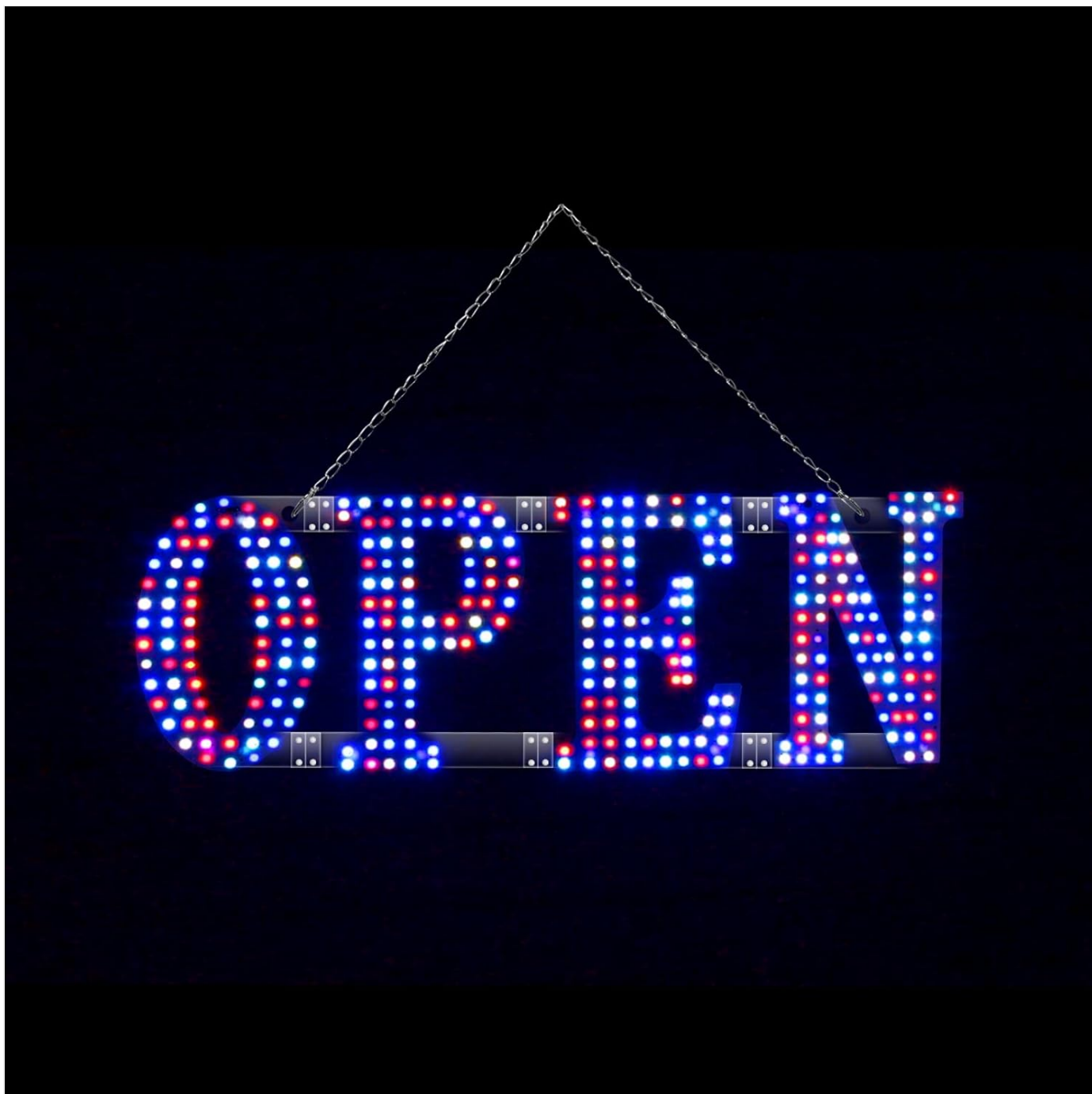


Figure 3.1: Overview of included components: LED sign, power adapter, hanging chain, and supplementary signs.

4. SETUP AND INSTALLATION

The LemonNova LED Open Sign is designed for easy installation. Follow these steps:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assembly (if required):** If the sign letters are separate, connect them using the provided connectors. Ensure a secure fit for proper electrical contact.
3. **Choose Location:** Select a prominent location, such as a window or glass door, where the sign will be clearly visible to potential customers.
4. **Attach Hanging Chain:** Securely attach the hanging chain to the designated mounting points on the top of the LED sign.
5. **Mount the Sign:**
 - For window mounting: Use the provided suction cups. Attach them to the chain or directly to the sign's frame, then press firmly onto a clean glass surface.
 - For other surfaces: Use appropriate hooks or fasteners (not included) to hang the chain securely.

6. **Connect Power:** Plug the power adapter into the sign's power input port. Then, plug the power adapter into a standard electrical outlet.
7. **Secure Cables:** Route the power cable safely to avoid tripping hazards or damage.

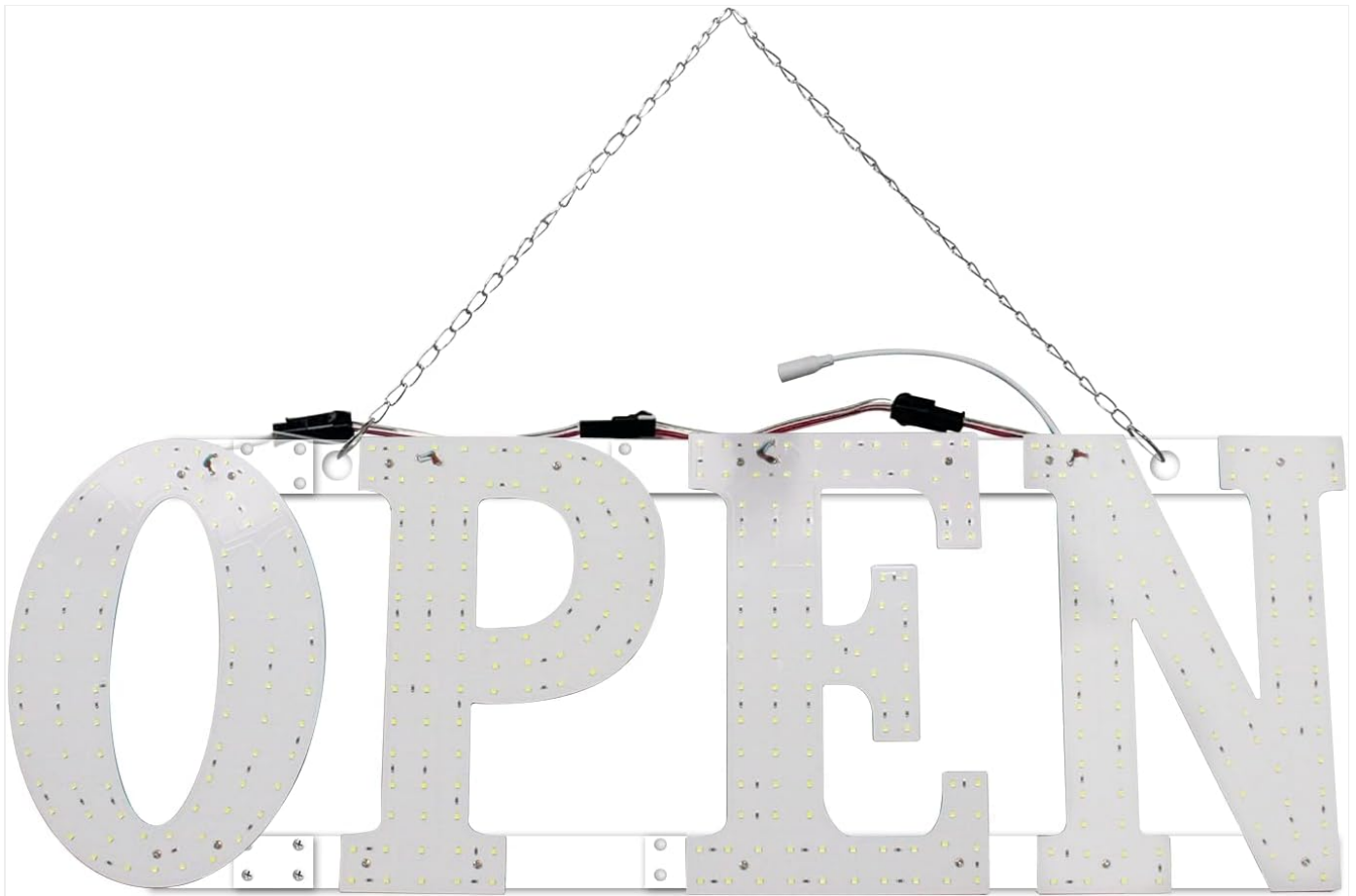


Figure 4.1: Unlit LED Open Sign showing the back with wiring and hanging chain.

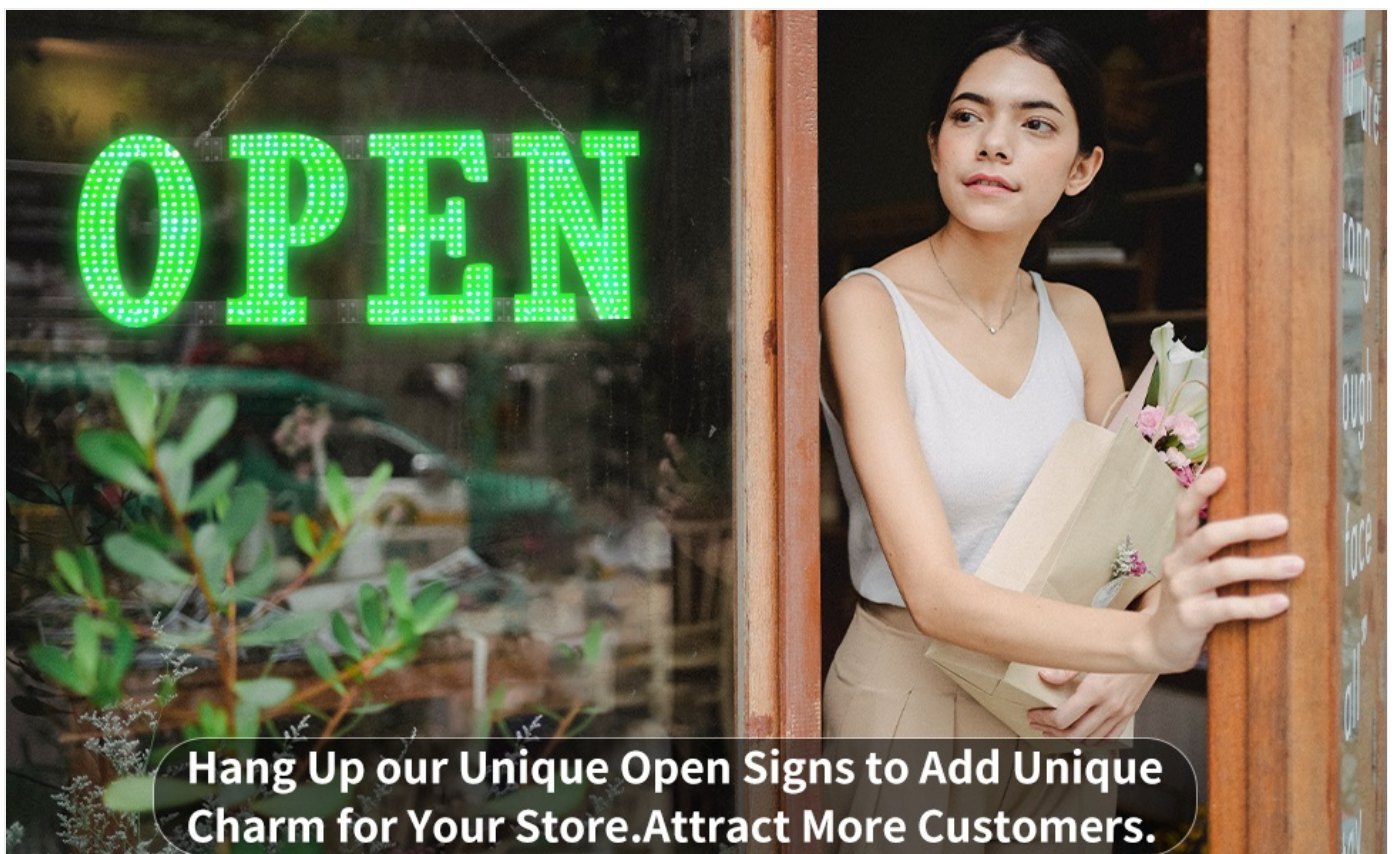


Figure 4.2: Example of the LED Open Sign installed and illuminated in a storefront window.

5. OPERATING INSTRUCTIONS

The LemonNova FRGB LED Open Sign is designed for simple operation.

- **Power On/Off:** Once connected to power, the sign will illuminate automatically. To turn the sign off, unplug the power adapter from the electrical outlet.
- **Display Modes:** This sign features a multi-color twinkling effect. The colors and patterns are pre-programmed and cannot be individually changed or set to a single solid color.
- **Visibility:** The super bright LEDs ensure high visibility during both day and night.



Figure 5.1: The LED Open Sign illuminated with a vibrant blue display.



Figure 5.2: The LED Open Sign displaying 'OPEN' in warm red and orange tones, attracting attention.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your LED sign.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the sign. Do not use abrasive cleaners, solvents, or excessive moisture.
- **Inspection:** Periodically check the power cable and connections for any signs of wear or damage. Ensure the hanging mechanism remains secure.
- **Storage:** If storing the sign for an extended period, disconnect it from power, clean it, and store it in its original packaging or a protective container in a dry, cool place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sign does not light up.	No power, loose connection, faulty adapter.	<ul style="list-style-type: none"> ◦ Ensure the power adapter is securely plugged into both the sign and a working electrical outlet. ◦ Test the outlet with another device. ◦ Check for any visible damage to the power cable or adapter.
Sign flickers or lights intermittently.	Loose connection, unstable power supply.	<ul style="list-style-type: none"> ◦ Verify all connections are tight. ◦ Try plugging into a different electrical outlet.
Some LEDs are not lit.	Individual LED failure.	This is rare with LED technology. If multiple LEDs are out, contact customer support.
Sign is not as bright as expected.	Environmental lighting, dirty surface.	<ul style="list-style-type: none"> ◦ Ensure the sign surface is clean. ◦ Consider ambient light conditions; direct sunlight can reduce perceived brightness.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	40"L x 14"W
Item Weight	3.59 pounds (1.63 Kilograms)
Light Type	LED
Style	OPEN
Item Thickness	0.25 Inches
Brand	LemonNova
Material	Aluminum
Mounting Type	Door Mount (Hanging)
Model Number	FRGB 40x14 (ASIN: B0CB8M9C64)
UPC	784300254195

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's policy on the purchase platform or contact LemonNova customer service directly. Keep your purchase receipt as proof of purchase.

Online Resources: Visit the LemonNova Store on Amazon for additional product information and support.

