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> GuuYebe LED Backlight Strip Installation and Usage Guide for 55-inch TVs (Models 55S421, 55S423, 55S425, 55HR330M08A2, 55HR330M07A2, 55HR330M07B2, 4C-LB5508-HR02J)

GuuYebe 4C-LB5508-HR02J

GuuYebe LED Backlight Strip Installation and Usage Guide

For 55-inch TVs (Models 55S421, 55S423, 55S425, 55HR330M08A2, 55HR330M07A2, 55HR330M07B2, 4C-LB5508-HR02J)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of GuuYebe LED backlight strips. These strips are designed as replacement components for compatible 55-inch television models. Please read this guide thoroughly before beginning any installation to ensure proper and safe handling.

2. PRODUCT OVERVIEW

The GuuYebe LED backlight strip set is engineered to restore the display illumination of your television. Each set includes four LED strips, two with 7 LEDs and two with 8 LEDs, totaling 15 LEDs per combined strip (A+B configuration). The strips feature a high brightness output of up to 700 nits and are designed for a long operating life, typically exceeding 100,000 hours.

- **Length:** Two strips measure 18.5 inches (470mm) with 7 LEDs, and two strips measure 21.37 inches (543mm) with 8 LEDs. The total combined length is approximately 39.88 inches (1013mm).
- **LED Count:** 15 LEDs per strip (A+B configuration).
- **LED Voltage:** 6V per LED lamp.
- **Package Contents:** 1 set = 4 Pcs LED Strips (2 Pcs 55HR330M08A2 + 2 Pcs 55HR330M07A2/55HR330M07B2). Full set includes double-sided adhesive paper on the back for installation.
- **Brightness:** Up to 700 nits.
- **Lifespan:** Typically over 100,000 hours.



Figure 2.1: Overview of the four GuuYebe LED backlight strips included in the package.

3. COMPATIBILITY

These LED backlight strips are compatible with various 55-inch TV models and their corresponding part numbers. Please verify your TV model and existing backlight strip part numbers before purchase and installation to ensure compatibility.

Compatible TV Models:

- 55S421
- 55S423
- 55S425
- 55HR330M07A2
- 55HR330M07B2
- 55HR330M08A2
- 4C-LB5507-HR02J
- 55D6 GIC55LB112

Compatible Part Numbers:

- 55HR330M08A2
- 4C-LB5507-HR03J
- 4C-LB5508-HR02J
- 4C-LB5508-HR03J
- 4C-LB5508-HR06J
- SJ.SB.D5500801-3030H

Substitute Part Numbers:

- GIC55LB111
- GIC55LB112
- SJ.SB.D5500801-3030HL-M-HF



Figure 3.1: Example of part numbers printed on the LED backlight strips for identification.

4. SPECIFICATIONS

Feature	Specification
Brand	GuuYebe
Model Number	4C-LB5508-HR02J
Color	White
Shape	Rectangular
Material	Plastic
Finish Type	Painted
Light Source Type	LED
Power Source	Corded Electric
Voltage	6 Volts (per LED)
Brightness	700 nits
Mounting Type	Surface Mount
Item Weight	4.8 ounces
Product Dimensions	21.59 x 0.98 x 0.98 inches (individual strip)
Item Package Quantity	4
Batteries Included/Required	No

5. INSTALLATION GUIDE

Replacing TV backlight strips requires careful handling and technical knowledge. If you are not comfortable with electronic repairs, it is recommended to seek professional assistance. Always prioritize safety by disconnecting the TV from power before starting.

Required Tools (Not Included):

- Screwdrivers (Phillips, flathead)
- Pry tools (plastic spudgers)
- Anti-static wrist strap
- Clean, soft cloth
- Gloves (optional, to prevent fingerprints)

Installation Steps:

1. **Safety First:** Unplug the TV from the power outlet and allow it to cool down completely. Place the TV face down on a soft, clean surface to prevent screen damage.
2. **Disassemble TV Back Cover:** Carefully remove all screws securing the TV's back cover. Use pry tools to gently separate the cover from the chassis.
3. **Remove Internal Components:** Disconnect and remove any circuit boards, cables, and speakers that obstruct access to the display panel. Take photos at each step to aid reassembly.
4. **Remove Display Panel:** With extreme caution, remove the display panel (LCD/LED screen) and place it

safely aside. This step is critical as the panel is fragile.

5. **Access Backlight Assembly:** Remove the diffuser sheets and any other layers to expose the old LED backlight strips.
6. **Remove Old Strips:** Disconnect the power connectors from the old LED strips. Gently peel off the old strips, noting their exact placement.
7. **Install New Strips:** The new GuuYebe LED strips come with double-sided adhesive on the back. Carefully peel off the protective film from the adhesive. Align each new strip precisely in the position of the old one and press firmly to secure it. Ensure all strips are correctly oriented and connected.

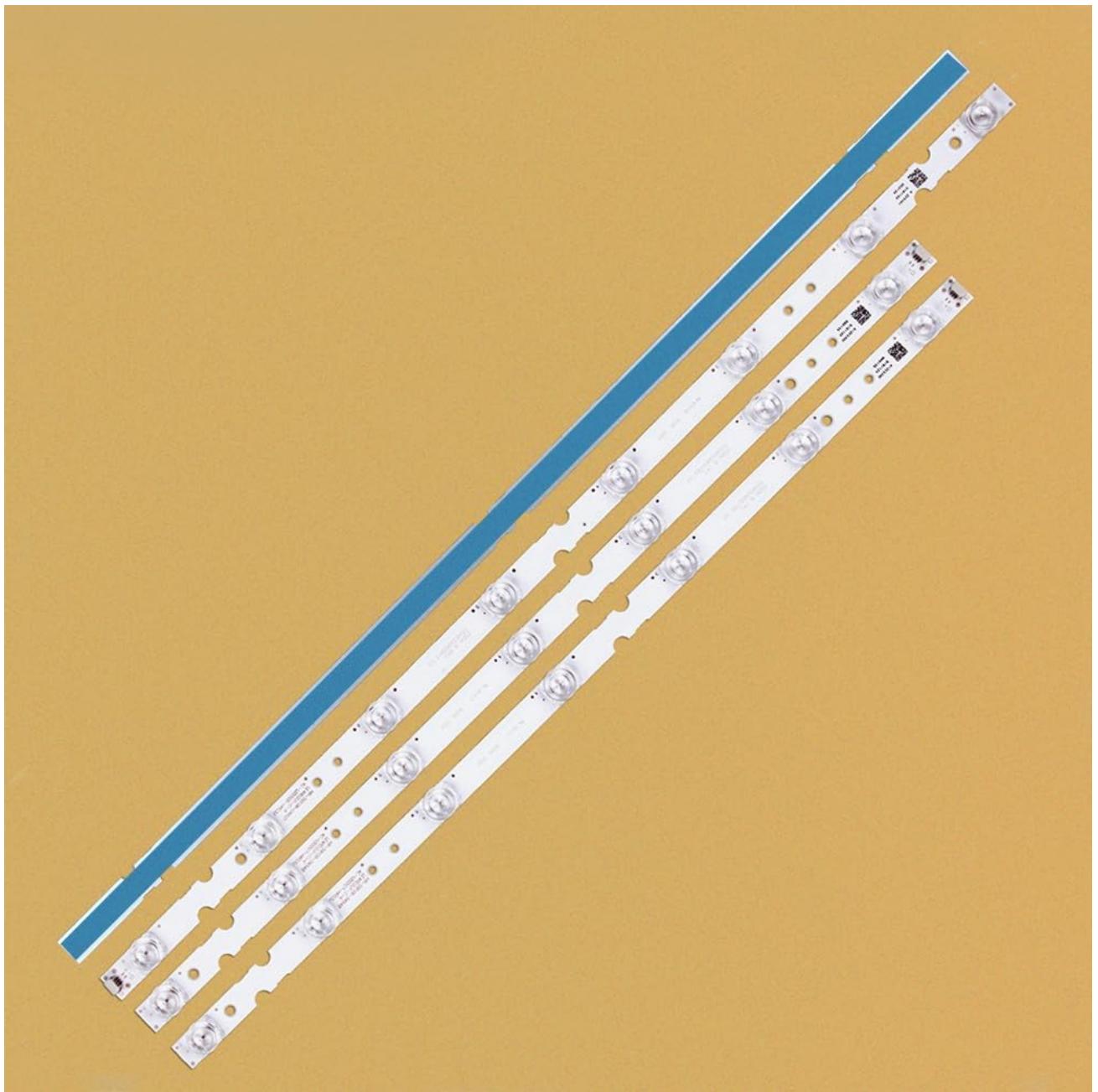


Figure 5.1: New LED strips featuring pre-applied double-sided adhesive for easy installation.

8. **Connect Power:** Connect the power cables to the new LED strips. Ensure connections are firm and correctly seated.

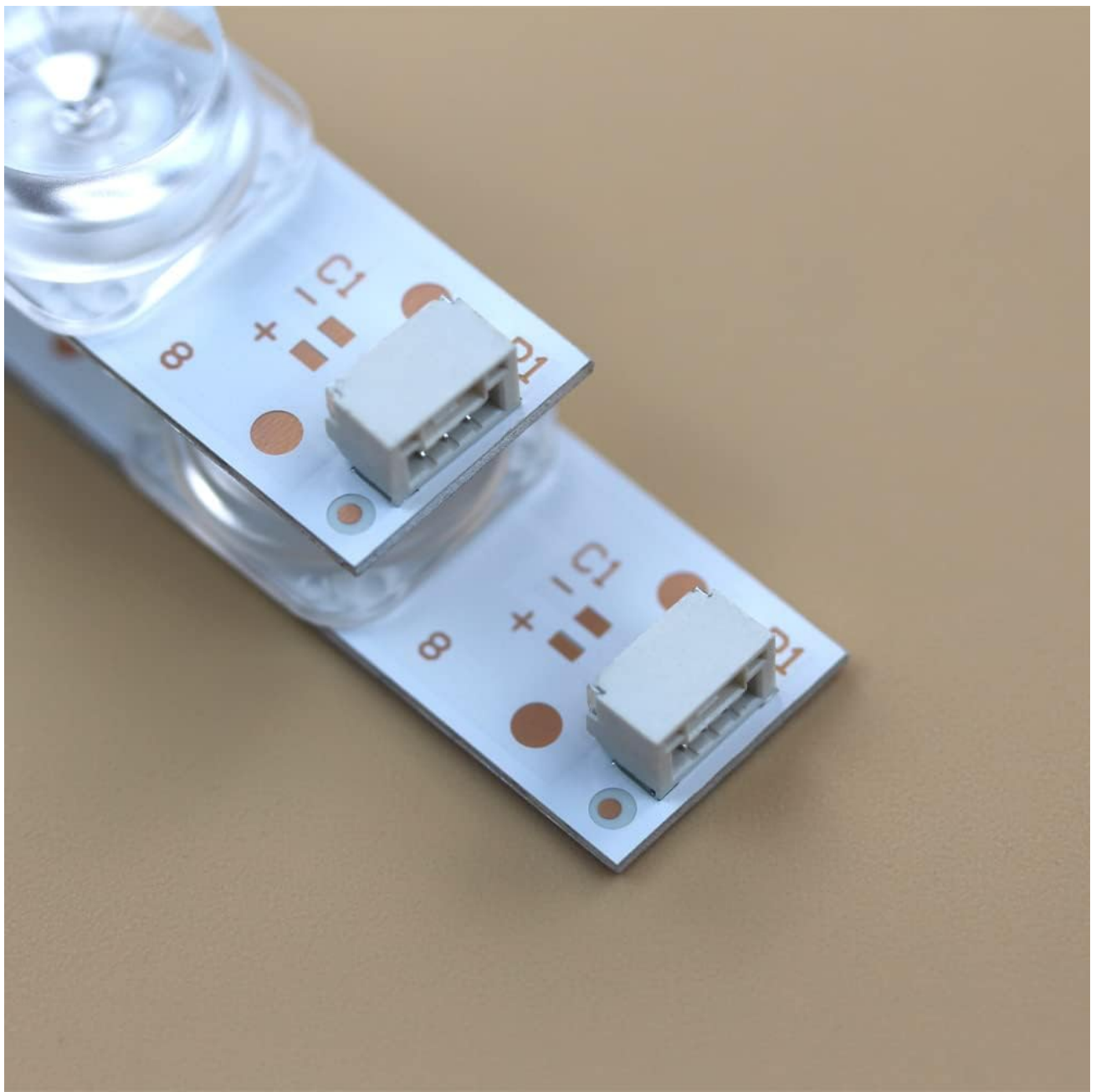


Figure 5.2: Detail of the power connector on the LED backlight strip.

9. **Test Backlights:** Before reassembling the entire TV, temporarily connect the TV to power and turn it on to verify that the new backlights illuminate correctly. Immediately unplug the TV after testing.
10. **Reassemble TV:** Carefully reverse the disassembly steps. Reinstall the diffuser sheets, display panel, internal components, and finally the back cover. Ensure all screws are tightened appropriately.

6. OPERATING

Once the GuuYebe LED backlight strips are correctly installed and the television is fully reassembled, the operation is seamless. The backlight strips will function automatically as part of your TV's display system when the TV is powered on.

- **Power On:** Connect your TV to a power source and turn it on using the remote control or the TV's power button.
- **Automatic Illumination:** The LED backlight strips will illuminate the display panel, providing the necessary light for image visibility.

7. MAINTENANCE

The GuuYebe LED backlight strips are designed for long-term, maintenance-free operation. However, general care for your television can help ensure the longevity of all its components, including the backlights.

- **Cleaning:** Keep the TV's exterior clean from dust and debris. Use a soft, dry cloth for cleaning. Avoid spraying liquids directly onto the screen or any part of the TV.
- **Ventilation:** Ensure the TV's ventilation openings are not blocked to prevent overheating, which can affect electronic components.
- **Power Surges:** Consider using a surge protector to safeguard your TV and its internal components from electrical fluctuations.

8. TROUBLESHOOTING

If you encounter issues after installing the new backlight strips, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
No backlight / Dark screen	<ul style="list-style-type: none">• Loose or incorrect power connection to strips.• Faulty power supply board.• Incorrectly installed strips.	<ul style="list-style-type: none">• Recheck all connections to the LED strips.• Verify the power supply board is functioning (may require professional diagnosis).• Ensure strips are correctly seated and aligned.
Uneven brightness / Dark spots	<ul style="list-style-type: none">• Diffuser sheets not properly aligned.• One or more LEDs on a strip are faulty.• Strips not evenly adhered.	<ul style="list-style-type: none">• Recheck the placement and alignment of diffuser sheets.• Inspect LED strips for any visible damage or unlit LEDs.• Ensure strips are fully adhered to the chassis.
TV does not power on	<ul style="list-style-type: none">• Power cable not connected.• Internal short circuit.• Other TV component failure.	<ul style="list-style-type: none">• Ensure TV is plugged into a working outlet.• Double-check all internal connections for any accidental shorts.• This issue may not be related to the backlight strips; consult a TV repair specialist.

If these steps do not resolve the issue, it is recommended to consult a qualified television repair technician.

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any product-related inquiries, technical support, or warranty claims, please contact GuuYebe directly through their official channels or the retailer from whom the product was purchased.

You can visit the GuuYebe store for more information:[GuuYebe Store on Amazon](#)

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Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question