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› Hetingprotocol 55D3000D2000 LB55061 LED Backlight Strips: Installation and Compatibility Guide for Hitachi LE55A6R9 and LE55A6R9A

Hetingprotocol 55D3000D2000 LB55061

Hetingprotocol 55D3000D2000 LB55061 LED Backlight Strips: Installation and Compatibility Guide

For Hitachi LE55A6R9 and LE55A6R9A Television Models

INTRODUCTION

This manual provides essential instructions for the proper installation, compatibility verification, and general care of your Hetingprotocol 55D3000D2000 LB55061 LED Backlight Strips. These strips are designed as replacement components for specific Hitachi television models, including LE55A6R9 and LE55A6R9A. Adhering to these guidelines will help ensure correct installation and optimal performance.

Important Compatibility Note:

Television models can use various sets of LED strips. It is crucial to visually match the strips provided in this package with the original strips inside your television before proceeding with installation. Do not rely solely on the TV model number for compatibility verification.

SETUP AND INSTALLATION

Replacing LED backlight strips requires careful handling and basic technical knowledge. If you are unsure about any step, it is recommended to seek assistance from a qualified technician.

Safety Precautions:

- Always unplug the television from the power outlet before beginning any repair or installation work.
- Discharge any residual power by holding the power button for a few seconds after unplugging.
- Wear anti-static gloves to prevent damage to sensitive electronic components.
- Work in a clean, well-lit area.

Installation Steps:

1. **Prepare the Television:** Lay the television screen-down on a soft, clean surface to prevent scratches.
2. **Remove the Back Cover:** Carefully remove all screws securing the television's back cover. Gently pry open the cover, disconnecting any internal cables if necessary.

3. **Access the Display Panel:** Proceed with caution to remove the various layers that protect the display panel, including the bezel, frame, and diffuser sheets. Handle the LCD panel with extreme care to avoid damage.
4. **Identify and Remove Old Strips:** Locate the existing LED backlight strips. Disconnect their power connectors and carefully peel them off the chassis. Note their orientation and placement.
5. **Verify Compatibility:** Before installing the new strips, compare them directly with the removed original strips. Pay close attention to the length, number of LEDs, connector type, and any markings. The package includes 12 pieces, consisting of 6 strips with 6 LEDs and 6 strips with 5 LEDs. Ensure these match your original configuration.
6. **Install New Strips:** Carefully place the new Hetingprotocol LED backlight strips into their designated positions. Ensure they are securely adhered and properly aligned. Connect the power cables to the new strips.
7. **Test Functionality:** Before reassembling the entire television, temporarily connect the power cable and power on the TV to verify that all new backlight strips illuminate correctly and evenly. Immediately unplug the TV after testing.
8. **Reassemble the Television:** Carefully reassemble the display panel layers, frame, bezel, and finally the back cover, ensuring all screws are tightened and cables reconnected.

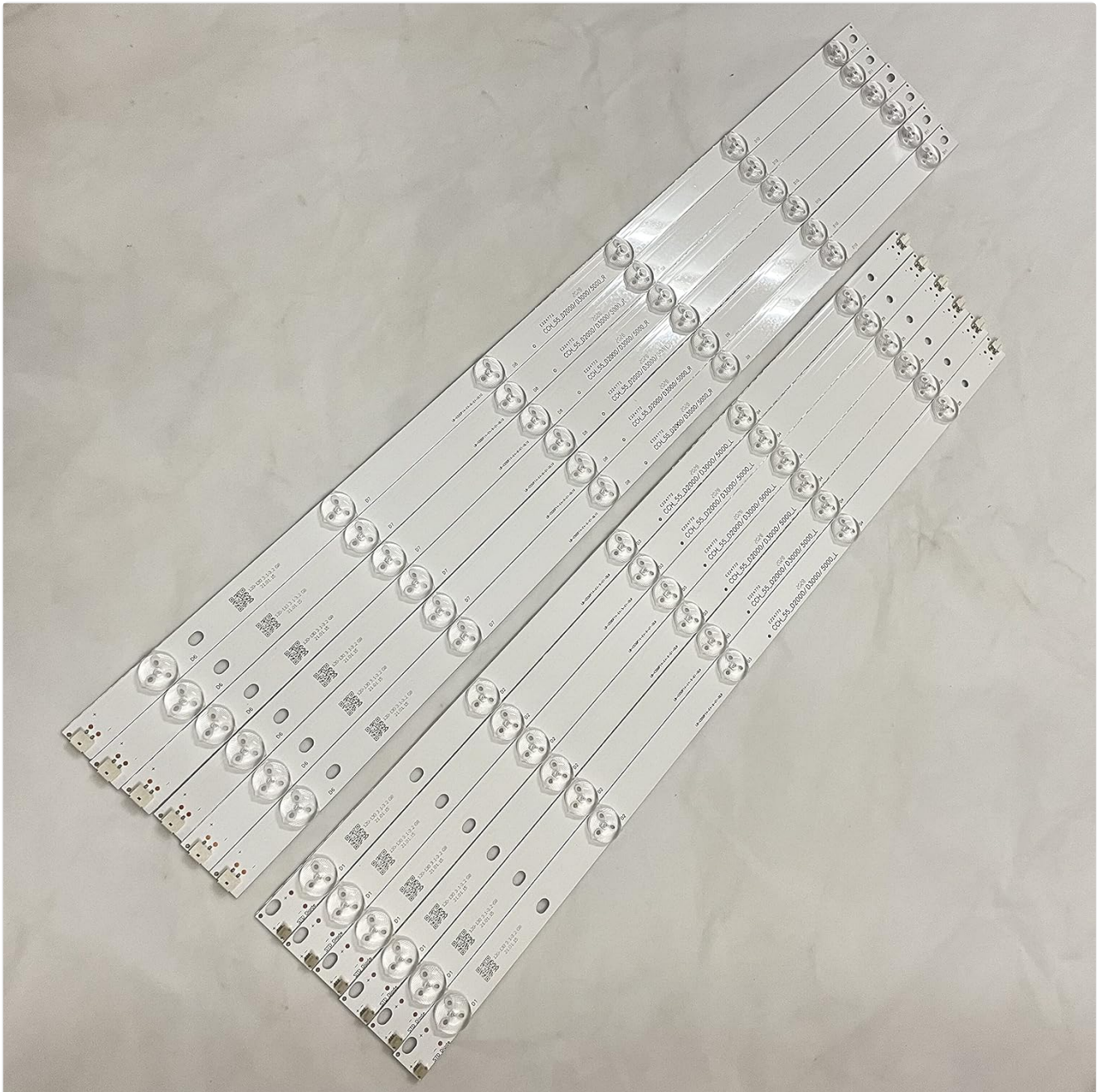


Figure 1: Complete set of Hetingprotocol 55D3000D2000 LB55061 LED Backlight Strips. This image shows the 12 pieces included in

the package, comprising both 6-LED and 5-LED strip variants.



Figure 2: Detailed view of the markings on the LED backlight strips, showing "CCH_55_D2000/D3000/5000_R" and "_L". These markings are critical for verifying compatibility with your existing strips.



Figure 3: Another close-up showing specific model identifiers "LB-C550F14-E4-S-G1-DL10" and "-DL9" on the LED backlight strips. Match these numbers to your original strips for accurate replacement.

MAINTENANCE AND CARE

LED backlight strips are designed for long-term operation with minimal maintenance. Proper handling during installation is the most critical aspect of their care.

- **Gentle Handling:** Avoid bending or twisting the strips, as this can damage the circuit board or the LEDs.
- **Cleanliness:** Ensure the installation area is free of dust and debris to prevent interference with heat dissipation or electrical connections.
- **No User Serviceable Parts:** The LED strips themselves do not contain user-serviceable parts. Do not attempt to repair individual LEDs or components on the strip.

TROUBLESHOOTING

If you encounter issues after installing the new LED backlight strips, consider the following troubleshooting steps:

- **No Backlight / Dim Screen:**
 - Verify all power connectors to the LED strips are securely seated.
 - Ensure the main power board is functioning correctly and supplying power to the backlight circuit.
 - Double-check that the installed strips are indeed compatible with your TV model and original strips.
- **Uneven Brightness / Dark Spots:**
 - Inspect the placement of each strip to ensure they are flat and properly aligned.
 - Check for any damaged LEDs on the strips (though unlikely with new parts, inspect for manufacturing defects).
 - Ensure diffuser sheets are correctly reinstalled without obstructions.
- **Flickering Backlight:**
 - This could indicate a loose connection or a faulty power supply to the backlight. Recheck all connections.
 - If the issue persists, the TV's power supply board or LED driver board may require further inspection.

If troubleshooting does not resolve the issue, it is advisable to consult a professional television repair service.

SPECIFICATIONS

Feature	Detail
Brand	Hetingprotocol
Model Number	55D3000D2000 LB55061
Compatible TV Models	Hitachi LE55A6R9, Hitachi LE55A6R9A, LU55V809, 55D3700I
Compatible LED Strip Models	LB55061, 55D3000D2000, KHP2O0681A, KHP200638A, KHP200639A
Package Contents	12 pieces (6 strips with 6 LEDs, 6 strips with 5 LEDs)
Bulb Type	LED
Item Weight	Approximately 1 pound (0.45 kg)
UPC	601263771739

WARRANTY AND SUPPORT

Specific warranty details for Hetingprotocol products may vary. Please refer to the seller's return policy or contact the seller directly for information regarding product warranty and support.

For general returns, Amazon's standard return policy typically allows returns within 30 days of receipt for most items. Please check your purchase details for the exact return window and conditions.

For technical assistance or inquiries about your Hetingprotocol LED backlight strips, please reach out to the seller through the Amazon platform.

ASK A QUESTION ABOUT THIS MANUAL

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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