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Richmat HJC9G

Richmat HJC9G PN 200-0013 Adjustable Bed Control Box Instruction Manual

This manual provides essential information for the installation, operation, and maintenance of your Richmat HJC9G PN 200-0013 control box.

1. Product Overview

The Richmat HJC9G PN 200-0013 is a replacement control box designed for adjustable bed bases. It is compatible with many Richmat-driven adjustable beds, including those from Leggett & Platt, that originally used this specific model. This unit manages the functions of your adjustable bed, including motor control and remote communication.

Figure 1: Top view of the Richmat HJC9G PN 200-0013 control box. The label displays the model number, part number, input/output specifications, and duty cycle.

2. Compatibility Check

Before installation, it is crucial to verify that this control box is compatible with your adjustable bed base. Compatibility is not universally guaranteed across all adjustable bed models.

- **Verify Model Number:** Locate the label on your existing control box and confirm it matches **HJC9G PN 200-0013**.
- **Inspect Connectors:** Compare the types and configurations of the connectors on your old control box with those on the new HJC9G unit. Ensure they are identical for proper fit and function.

3. Setup and Installation

The HJC9G control box is designed for straightforward replacement. Follow these steps carefully:

1. **Disconnect Power:** Ensure the adjustable bed base is completely unplugged from the wall outlet before beginning any installation.
2. **Remove Old Control Box:** Carefully detach the old control box from the bed frame. Note the position and connection of all wires and cables.
3. **Connect New Control Box:** Attach the new HJC9G control box to the bed frame in the same manner as the old unit.
4. **Connect Wiring:** Match each cable from the bed (motors, power, remote receiver) to the corresponding port on the new control box. Ensure all connections are secure. Refer to Figure 2 for an illustration of the connection ports.
5. **Restore Power:** Once all connections are secure, plug the adjustable bed base back into the wall outlet.

Figure 2: Side view of the Richmat HJC9G control box displaying the various ports for motor, power, and remote connections.

4. Operating Instructions

4.1 Remote Pairing

After installing the new control box, you will need to pair your existing remote control with the unit. The exact pairing procedure may vary slightly depending on your specific remote model. Generally, the process involves:

1. Ensure the bed is powered on.

2. Locate the pairing button on the control box (often a small button, sometimes recessed).
3. Press and hold the pairing button on the control box for a few seconds until an indicator light (if present) flashes or a beep is heard.
4. Immediately press and hold a button on your remote control (e.g., the 'Flat' or 'Head Up' button) until the bed responds or the indicator light on the control box stops flashing.
5. Test all remote functions to confirm successful pairing.

If you encounter difficulties, refer to the instruction manual provided with your adjustable bed base or remote control for specific pairing instructions.

5. Maintenance

The Richmat HJC9G control box requires minimal maintenance. To ensure longevity and proper function:

- Keep the control box and its connections free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the unit to moisture or extreme temperatures.
- Do not attempt to open the control box casing, as this may void any potential warranty and could expose you to electrical hazards.

6. Troubleshooting

If your adjustable bed is not functioning correctly after installing the new control box, consider the following troubleshooting steps:

- **No Power:**
  - Ensure the bed is securely plugged into a working electrical outlet.
  - Check all cable connections to the control box (power, motors, remote receiver) to ensure they are firmly seated.
  - Verify that the power cord itself is not damaged.
- **Remote Not Responding:**
  - Confirm the remote control has fresh batteries.
  - Attempt the remote pairing procedure again as described in Section 4.1.
  - Ensure there are no obstructions between the remote and the bed's receiver.
- **Motors Not Moving:**
  - Check that all motor cables are correctly and securely plugged into the control box.
  - Listen for any sounds from the motors when pressing remote buttons; a humming sound without movement might indicate a mechanical issue with the motor itself, not the control box.

If these steps do not resolve the issue, contact customer support for further assistance.

7. Specifications

Model Number	HJC9G
Part Number (PN)	200-0013

Input Voltage	DC 24-30V
Output Current	5A Max
Duty Cycle	10% max, 2 minutes on / 18 minutes off
Compatibility	Designed for Richmat-driven adjustable bed bases, including some Leggett & Platt models. Verify existing unit's model and connectors.

8. Warranty Information

Specific warranty details for the Richmat HJC9G PN 200-0013 control box are typically provided by the seller or manufacturer at the time of purchase. Please retain your proof of purchase. For warranty claims or inquiries, contact the retailer from whom you purchased the product or the Richmat customer service department.

9. Customer Support

If you require further assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact your product supplier or the manufacturer's customer support. Have your product model number (HJC9G) and part number (PN 200-0013) ready when contacting support.

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