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› CJGHJNFF KDC-604 4-Pin Latching Rocker Switch Instruction Manual

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Model: KDC-604 | 10(2)A 250V 4-Pin

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your CJGHJNFF KDC-604 4-Pin Latching Rocker Switch. This switch is designed for reliable power control, particularly suitable as a replacement or upgrade for Skyworth TV power buttons. Please read these instructions thoroughly before use.

SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the circuit before installing, servicing, or removing the switch. Failure to do so can result in serious injury or death.
- **Qualified Personnel:** Installation and wiring should only be performed by a qualified electrician or technician familiar with electrical systems and safety procedures.
- **Voltage and Current Ratings:** Do not exceed the specified voltage (250V) and current (10(2)A) ratings of the switch. Overloading can cause damage to the switch and connected equipment, and poses a fire risk.
- **Proper Tools:** Use appropriate tools for installation to prevent damage to the switch or injury.
- **Environmental Conditions:** Ensure the switch is installed in an environment suitable for its intended use, free from excessive moisture, dust, or extreme temperatures unless otherwise specified.

PRODUCT OVERVIEW

The KDC-604 is a 4-pin latching rocker switch featuring designated mounting holes for secure installation. Its latching mechanism provides clear tactile feedback, indicating the ON/OFF state. This switch is rated for 10(2)A at 250V, making it suitable for various power control applications, including Skyworth televisions.



Image 1: Front and back view of the KDC-604 4-pin latching rocker switch. The front shows the 'O' (off) and '-' (on) markings, while the back displays the four metal pins for electrical connection and the mounting holes on the sides.

SPECIFICATIONS

Feature	Detail
Model Number	KDC-604
Voltage Rating	250V AC
Current Rating	10(2)A
Number of Pins	4-Pin
Switch Type	Latching Rocker Switch
Mounting	Screw Mounting (mounting holes provided)
UPC	607607445083

SETUP AND INSTALLATION

Follow these steps for proper installation of the KDC-604 rocker switch. Ensure all safety precautions are observed.

- 1. Disconnect Power:** Before beginning any work, ensure that the power supply to the device or circuit where the

switch will be installed is completely disconnected and locked out. Verify with a voltage tester.

2. **Prepare Mounting Location:** Identify the desired mounting location. The KDC-604 switch requires a cutout for the main body and access for screws through its integrated mounting holes.
3. **Insert Switch:** Carefully insert the switch into the prepared cutout. Ensure it sits flush with the surface.
4. **Secure Mounting:** Use appropriate screws (not included) to secure the switch through the mounting holes on either side of the switch body. Tighten screws firmly but do not overtighten to avoid damaging the switch housing.
5. **Wiring Connections:** Connect the electrical wires to the four pins on the back of the switch. Refer to the wiring diagram of your specific application (e.g., Skyworth TV power circuit) for correct pin assignments. Typically, two pins are for input power and two for output to the load. Ensure all connections are secure and insulated.
6. **Verify Installation:** Double-check all connections and mounting security. Ensure no bare wires are exposed.
7. **Restore Power:** Once installation is complete and verified, restore power to the circuit.



Image 2: Detailed view of the KDC-604 rocker switch, highlighting the four electrical pins at the bottom and the integrated mounting holes on the sides for secure screw-based installation.

OPERATING INSTRUCTIONS

The KDC-604 is a simple latching rocker switch. To operate:

- **To Turn ON:** Press the side of the rocker switch marked with a line ('-') or the 'ON' position. The switch will latch into

place, and power will be supplied to the connected device.

- **To Turn OFF:** Press the side of the rocker switch marked with a circle ('O') or the 'OFF' position. The switch will latch into place, and power to the connected device will be interrupted.

The latching mechanism provides a distinct tactile click, confirming the switch's state.

MAINTENANCE

The KDC-604 rocker switch is designed for durability and requires minimal maintenance.

- **Cleaning:** If cleaning is necessary, ensure power is disconnected. Use a soft, dry cloth to wipe the surface of the switch. Avoid using abrasive cleaners, solvents, or excessive moisture, which can damage the switch.
- **Inspection:** Periodically inspect the switch for any signs of physical damage, loose connections, or discoloration. If any issues are observed, disconnect power and address them immediately.
- **No User Serviceable Parts:** The internal components of the switch are not user-serviceable. Do not attempt to disassemble the switch.

TROUBLESHOOTING

If you encounter issues with your KDC-604 rocker switch, consider the following troubleshooting steps:

- **Switch Does Not Latch:** Ensure the switch is fully pressed to engage the latching mechanism. If it still does not latch, the switch may be damaged and require replacement.
- **No Power to Device:**
 - Verify that the main power supply to the circuit is active.
 - Check all wiring connections to the switch for looseness or corrosion.
 - Ensure the switch is in the 'ON' position.
 - Inspect the connected device for any internal faults.
- **Switch Feels Loose or Damaged:** If the switch housing is cracked, the rocker is loose, or there is any visible damage, disconnect power immediately and replace the switch.

If troubleshooting does not resolve the issue, consult a qualified technician.

WARRANTY AND SUPPORT

Specific warranty information for the CJGHJNFF KDC-604 rocker switch is typically provided at the point of purchase or through the product packaging. Please refer to those resources for details regarding warranty coverage and duration. For technical support or further assistance, please contact the retailer or manufacturer directly using the contact information provided with your purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

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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