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## Kircuit AC/DC Adapter

# Kircuit AC/DC Adapter Instruction Manual

Model: AC/DC Adapter for Okin Adjustable Bed Control Boxes

### Product Overview

The Kircuit AC/DC Adapter is designed to provide reliable power to your compatible devices, specifically Okin Adjustable Bed Control Boxes and Units. This adapter efficiently converts standard AC power from electrical outlets into the DC power required by your equipment, ensuring stable operation and battery charging capabilities.

Key features include:

- **Universal Input Voltage:** Supports 100-240VAC, 50/60Hz for worldwide compatibility.
- **Comprehensive Protection:** Equipped with Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP) to safeguard your devices.
- **Tested Reliability:** Each unit is tested to ensure optimal performance and compatibility with specified Okin models.



*Image: The Kircuit 2-Pin AC DC Adapter, showing the black power brick connected to a two-prong AC plug on one end and a barrel connector on the other, with coiled cables.*

## Setup Instructions

1. **Verify Compatibility:** Before connecting, ensure your device's model number is listed in the "Compatible Devices" section of this manual. This adapter is specifically designed for Okin Adjustable Bed Control Boxes and Units.
2. **Connect to Device:** Locate the power input port on your Okin Adjustable Bed Control Box or Unit. Carefully insert the barrel connector of the Kircuit AC/DC Adapter into this port. Ensure a snug and secure fit.
3. **Connect to Power Outlet:** Plug the 2-pin AC plug of the adapter into a standard electrical wall outlet (100-240VAC). Ensure the outlet is functioning correctly.
4. **Power On:** Once connected, your device should receive power. Refer to your device's own manual for specific power-on procedures.

***Note:*** *Always ensure the adapter is placed in a well-ventilated area to prevent overheating.*

## Operating the Adapter

The Kircuit AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a continuous and stable power supply, converting the alternating current (AC) from your wall outlet to the direct current (DC) required by your Okin adjustable bed system.

- The adapter is designed for continuous operation when powering your device.
- No user intervention is required for its basic function.
- The built-in protection features (OVP, OCP, SCP) work automatically to prevent damage from electrical anomalies.

## Maintenance and Care

Proper care and maintenance will extend the lifespan of your Kircuit AC/DC Adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, unplug the adapter and store it in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid bending or crimping the power cables excessively. Do not place heavy objects on the cables.
- **Environment:** Keep the adapter away from water, high humidity, and dusty environments.
- **Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in an enclosed space that restricts airflow.

**Safety Warning:**

- Do not attempt to open or repair the adapter. This can void any potential warranty and poses a safety risk.
- Do not expose the adapter to rain or moisture.
- If the adapter or its cables appear damaged, discontinue use immediately and seek a replacement.

## Troubleshooting

If you encounter issues with your Kircuit AC/DC Adapter, please refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Device not powering on. | ◦ Adapter not properly connected.<br>◦ Power outlet is not active.<br>◦ Device compatibility issue.<br>◦ Adapter or device malfunction. | ◦ Ensure both ends of the adapter are securely plugged in.<br>◦ Test the power outlet with another device.<br>◦ Confirm your device model is listed as compatible.<br>◦ If the issue persists, contact customer support. |
| Adapter feels hot. | ◦ Normal operation (slight warmth).<br>◦ Poor ventilation.<br>◦ Overload or short circuit. | ◦ Ensure adequate airflow around the adapter.<br>◦ Disconnect and reconnect. If it becomes excessively hot, discontinue use.<br>◦ The built-in OCP/SCP protection should prevent damage from overload/short circuit. |

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

## Specifications

| | |
| --- | --- |
| **Brand** | Kircuit |
| **Input Voltage** | 100-240VAC, 50/60Hz (World Wide Input Voltage) |
| **Connector Type** | BARREL (2-Pin) |
| **Color** | Black |
| **Included Components** | 1 adapter |
| **Protection Features** | OVP (Over Voltage Output Protection), OCP (Over Current Output Protection), SCP (Short Circuit Output Protection) |
| **Compatible Devices (Partial List)** | Okin Adjustable Bed Control Box: CB1220, LT-26975, CB.12.20.02, CB.12.20.19, CB4620, CB.48.20.01<br>Okin Adjustable Bed Control Unit: CU358-2-L, CU358-2, JLDP.13.009.000, JLDP 15.001.062, JLDP 15.001.064, JLDP 15.001.092, JLDP15001093 |

## Warranty and Support

For information regarding product warranty, please refer to the terms and conditions provided by your retailer or contact the manufacturer directly. Kircuit adapters are designed for reliability and are tested to ensure proper function.

If you require technical assistance, have questions about compatibility, or need to report an issue, please contact the seller or manufacturer through the contact information provided at the point of purchase.

**Manufacturer:** Shenzhen Waweis Technology Co., Ltd

**Date First Available:** September 3, 2024

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