Kircuit K8550-6, MJ550-2, K8550RED-5, MJ2CLMP

Kircuit 5V AC/DC Adapter User Manual

Model: K8550-6, MJ550-2, K8550RED-5, MJ2CLMP

1. Introduction

This user manual provides essential information for the safe and effective use of your Kircuit 5V AC/DC Adapter. This adapter is designed to provide reliable power for compatible devices such as the VersaPro2 Matco Tools Versa Power Pro Car Jump Starter Charging Station Battery Pack, MINIJUMP2, and other multi-function units requiring 5V DC input.

Figure 1: Kircuit 5V AC/DC Adapter. This image shows the main unit of the Kircuit AC/DC adapter, featuring the power plug on one end and

the DC output cable with its connector on the other. The adapter's label with "KIRCUT AC/DC ADAPTOR INPUT: 100-240V AC 50/60Hz 0.3A OUTPUT:" is clearly visible.

2. Safety Information

Please read all safety instructions carefully before using the adapter. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected devices.

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the input voltage (100V-240V AC) is compatible with your power outlet.
- **Overload Protection:** The adapter features built-in dynamic IC, charger IC, and power fuse for rapid charging and overcharge protection. Do not attempt to bypass these safety features.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover the adapter or place it in an enclosed space that could restrict airflow.
- **Damage Inspection:** Before each use, inspect the adapter and its cord for any signs of damage. Do not use if the cord is frayed, the plug is bent, or the casing is cracked.
- **Unplug When Not In Use:** Disconnect the adapter from the power outlet when not in use or during electrical storms.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

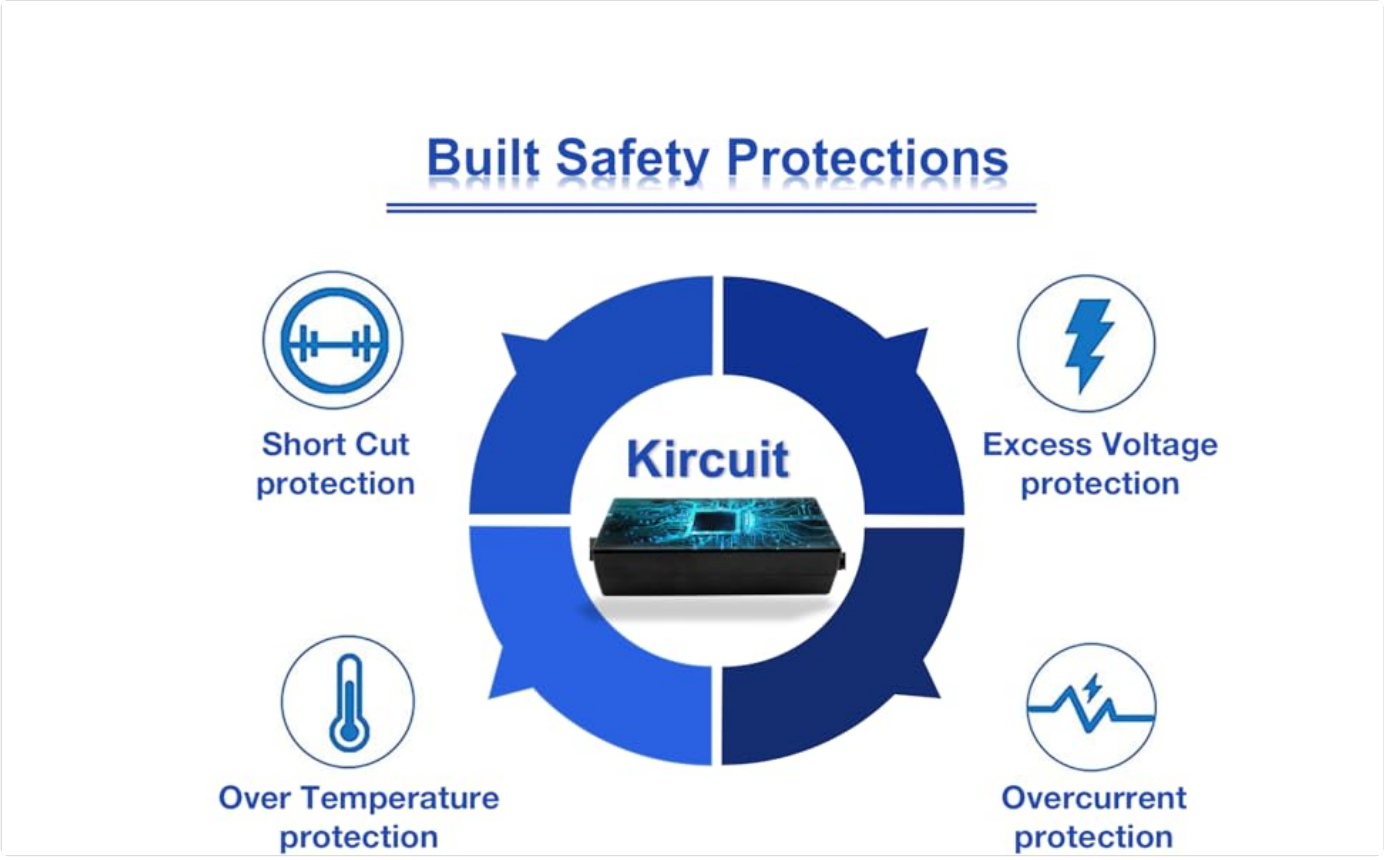

Figure 2: Built-in Safety Protections. This diagram illustrates the various safety features integrated into the Kircuit adapter, including Short Cut protection, Excess Voltage protection, Over Temperature protection, and Overcurrent protection, all centered around the Kircuit device.

3. Setup

1. **Unpack the Adapter:** Carefully remove the Kircuit 5V AC/DC Adapter from its packaging.
2. **Inspect for Damage:** Before plugging in, visually inspect the adapter and its cable for any signs of physical

damage. If any damage is observed, do not use the adapter and contact customer support.

3. **Connect to Device:** Locate the charging port on your compatible device (e.g., VersaPro2 Matco Tools Jump Starter). Insert the DC output plug of the Kircuit adapter firmly into the device's charging port.
4. **Connect to Power Outlet:** Plug the AC input prongs of the Kircuit adapter into a standard 100V-240V AC wall outlet. Ensure the outlet is easily accessible.

Figure 3: Adapter Connected to Power. This image shows the Kircuit AC/DC adapter plugged into a white power strip on a desk, demonstrating a typical setup for charging a device.

4. Operating Instructions

Once properly connected, the adapter will begin supplying power to your device. The charging indicator on your device (if available) will typically illuminate or change state to indicate charging is in progress.

- **Charging:** Allow your device to charge until its battery indicator shows a full charge, or as recommended by your device's manufacturer.
- **Disconnection:** Once charging is complete, first unplug the adapter from the wall outlet, then disconnect the DC

output plug from your device.

- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.

5. Maintenance

Regular maintenance helps ensure the longevity and safe operation of your Kircuit AC/DC Adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners or abrasive materials.
- **Cable Care:** Avoid bending or crimping the power cord excessively, especially near the connectors. Do not place heavy objects on the cord.
- **Storage:** When storing, coil the cable loosely. Do not wrap it tightly around the adapter, as this can stress the cable and internal wires.

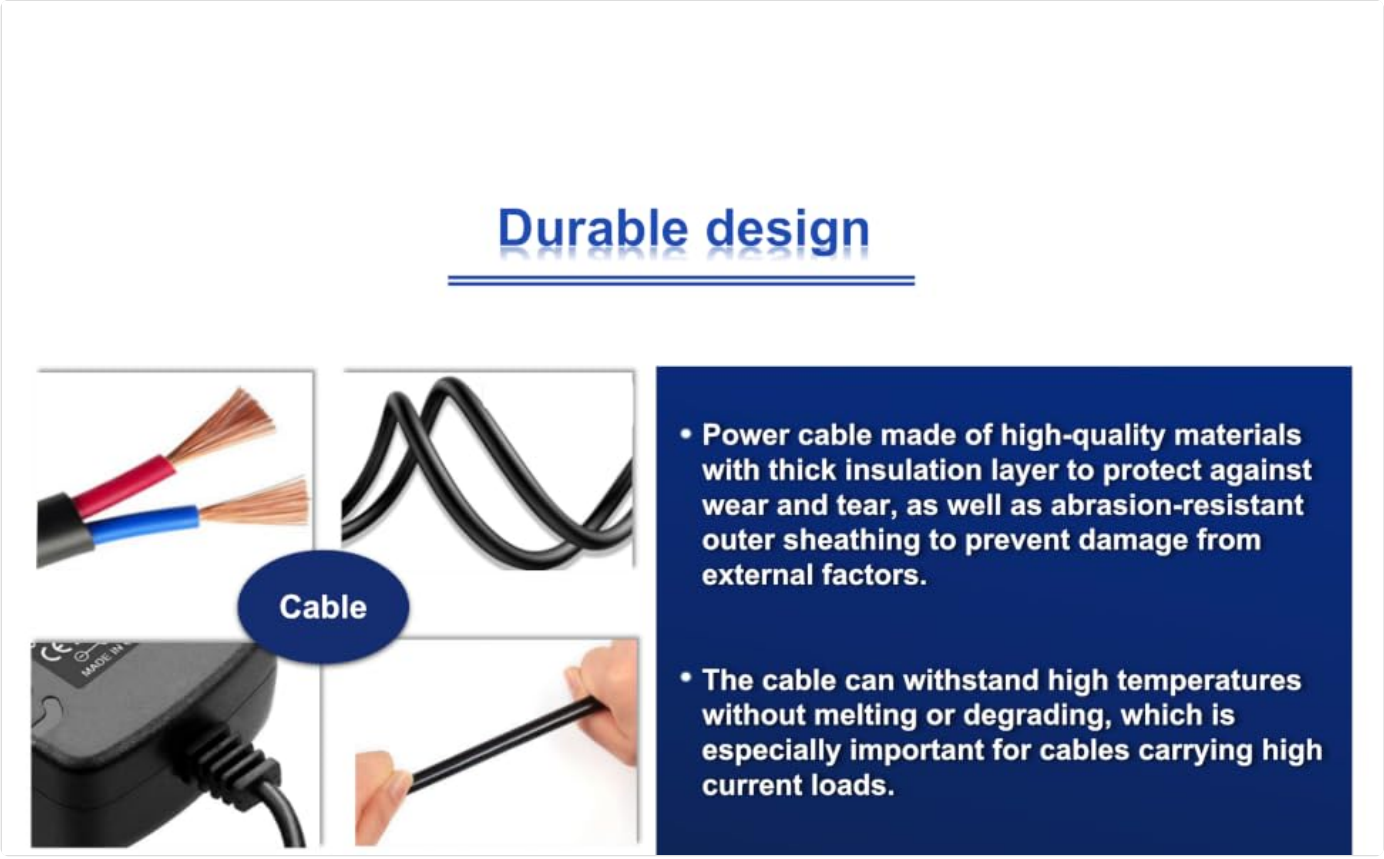

Figure 4: Durable Cable Design. This image highlights the robust construction of the adapter's power cable, emphasizing its high-quality materials, thick insulation, and resistance to wear and tear, as well as its ability to withstand high temperatures.

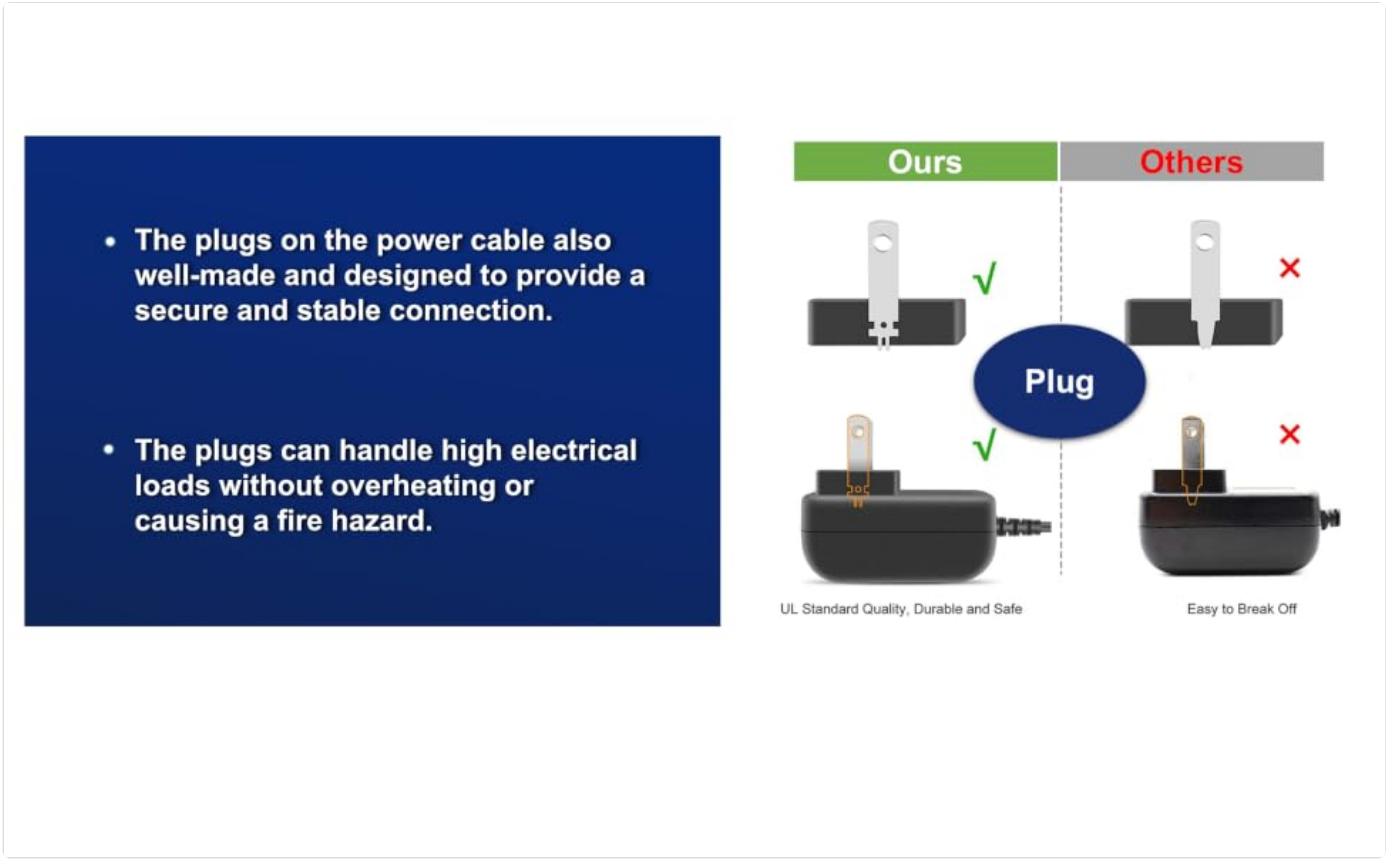

Figure 5: Secure Plug Design. This comparison image demonstrates the superior design of the Kircuit adapter's plug, showing its secure and stable connection compared to other plugs that may be prone to breaking or overheating.

6. Troubleshooting

Problem	Possible Cause	Solution
Adapter not providing power.	No power from outlet; adapter not fully plugged in; damaged adapter/cable; device not compatible.	Check outlet with another device. Ensure adapter is fully inserted into outlet and device. Inspect adapter and cable for damage. Verify device compatibility with 5V DC input.
Device not charging or charging slowly.	Device issue; adapter not fully connected; device requires higher current.	Ensure firm connection to device. Consult device manual for charging requirements.
Adapter feels warm during use.	Normal operation; insufficient ventilation; excessive load.	A slight warmth is normal. Ensure adapter is in a well-ventilated area. If excessively hot, unplug immediately and contact support.

7. Specifications

Brand: Kircuit

Input Voltage: 100V-240V AC

Output Voltage: 5 Volts DC

Input Current: 0.3A (50/60Hz)

Connectivity Technology: Plug Tip, USB

Connector Type: USB (referring to the output tip, not a standard USB-A/C)

Special Feature: Portable, Travel

Mounting Type: Wall Mount

Main Power Connector Type: 2 Pin (US standard)

Manufacturer: Shenzhen Waweis Technology Co., Ltd

ASIN: B099N9YTP8

Figure 6: Adapter with Cord Length. This image displays the Kircuit adapter alongside its coiled power cord, with text indicating a "Cord Length: 6.5 ft".

8. Warranty and Support

Kircuit products are designed for reliability and performance. This adapter comes with a **3-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use.

For technical support, warranty claims, or general inquiries, please refer to the contact information provided with your

purchase or visit the official Kircuit website. Please have your product model number (K8550-6, MJ550-2, K8550RED-5, MJ2CLMP) and purchase details ready when contacting support.

Figure 7: Kircuit Product Packaging. This image shows the Kircuit adapter on a desk next to its product box, which prominently displays a "3 YEAR" warranty label, indicating the product's coverage.

© 2024 Kircuit. All rights reserved.
For more information, visit Kircuit on Amazon

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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