

Kircuit 31V AC/DC Adapter

Kircuit 31V AC/DC Adapter Instruction Manual

Model: 31V AC/DC Adapter for Oraimo UltraCleaner S3 OSV-104 OSV104

INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 31V AC/DC Adapter. This adapter is designed to convert standard AC power from an electrical outlet into the DC power required by compatible devices, such as the Oraimo UltraCleaner S3 OSV-104 and OSV104 cordless stick vacuum cleaners. It enables you to operate your device or charge its battery from a power source.

SAFETY PRECAUTIONS

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

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the input voltage of the adapter (100-240VAC) matches the electrical outlet's voltage.
- **Avoid Overloading:** Do not connect devices that exceed the adapter's output specifications (31VDC, 500mA).
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter. Refer servicing to qualified personnel.
- **Cable Integrity:** Regularly inspect the power cord for damage. Do not use if the cord is frayed or damaged.
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating.
- **Unplug When Not in Use:** Disconnect the adapter from the power outlet when not in use or during electrical storms.

SETUP

Follow these steps to set up your Kircuit AC/DC Adapter:

1. **Identify the Device:** Ensure your device is compatible with the adapter's output specifications (31VDC, 500mA) and connector type (BARREL). This adapter is specifically designed for Oramo UltraCleaner S3 OSV-104 and OSV104 models.
2. **Connect to Device:** Insert the barrel connector of the adapter firmly into the charging port or power input of your Oramo UltraCleaner.
3. **Connect to Power Outlet:** Plug the adapter's two-prong plug into a standard 100-240VAC electrical wall outlet.
4. **Verify Connection:** Confirm that the adapter is securely plugged into both the device and the wall outlet.



Image: The Kircuit AC/DC adapter connected to a power strip, demonstrating a typical setup for use in an office or home environment.

OPERATION

Once properly connected, the Kircuit AC/DC Adapter will begin supplying power to your device or charging its battery. The adapter features built-in protection mechanisms to ensure safe operation:

- **OVP (Over Voltage Output Protection):** Protects your device from excessive voltage.

- **OCP (Over Current Output Protection):** Guards against damage from excessive current.
- **SCP (Short Circuit Output Protection):** Prevents damage in case of a short circuit.

The adapter operates automatically. There are no user-adjustable settings. Simply plug it in and ensure your device indicates it is receiving power or charging.

MAINTENANCE

Proper maintenance ensures the longevity and reliable performance 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 exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid tightly winding the cord to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cord for any signs of damage, such as cuts, fraying, or bent prongs. If damage is found, discontinue use and replace the adapter.

TROUBLESHOOTING

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common problems and solutions:

Adapter Not Supplying Power/Device Not Charging

- **Check Connections:** Ensure the adapter is securely plugged into both the wall outlet and the device.
- **Verify Outlet:** Test the wall outlet with another device to confirm it is functioning correctly.
- **Inspect Adapter:** Check the adapter and its cord for any visible damage. If damaged, do not use.
- **Device Battery Condition:** *Important Note:* Rechargeable batteries have a finite lifespan, typically 1 to 3 years. If the battery in your Oraimo UltraCleaner is old or dead, it may not accept a charge, even if the adapter is functioning correctly. This is a common issue and does not indicate a fault with the charger. To determine if the issue is with the battery or the charger, a voltmeter is required to test the adapter's output voltage.
- **Device Compatibility:** Confirm that the adapter's specifications (31VDC, 500mA) match the power requirements of your specific Oraimo UltraCleaner model.

Adapter Overheating

- **Ensure Ventilation:** Make sure the adapter is in an area with good airflow and not covered by anything that could trap heat.
- **Reduce Load:** Ensure the connected device does not exceed the adapter's maximum wattage or current rating.
- **Unplug:** If the adapter feels excessively hot, unplug it immediately and allow it to cool down. If overheating persists, discontinue use.

SPECIFICATIONS

Detailed technical specifications for the Kircuit 31V AC/DC Adapter:

Feature	Specification
Brand	Kircuit
Input Voltage	100-240VAC, 50/60Hz

Feature	Specification
Output Voltage	31VDC
Output Current	0.5 Amps (500mA)
Wattage	380 watts (Max for compatible device, adapter output is 15.5W)
Connector Type	BARREL
Compatible Devices	Oraimo UltraCleaner S3 OSV-104, OSV104
Special Feature	OVP, OCP, SCP Protection
Color	Black
Cord Length	Approximately 6.5 ft



Image: The Kircuit AC/DC adapter with its power cord, highlighting the approximate 6.5 ft cord length for user convenience.

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Kircuit AC/DC Adapter, please refer to the purchase documentation or contact the seller directly. Ensure you have your product model number and purchase date available when seeking support.

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