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› Kircuit 12V DC AC Adapter Instruction Manual

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Kircuit 12V DC AC Adapter Instruction Manual

Model: 12V DC AC Adapter

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 12V DC AC Adapter. This adapter is designed to provide reliable power to compatible electronic devices, including various Samson UHF Series One receivers and other equipment requiring a 12V DC 200mA power supply. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Ensure the adapter's input voltage (100V-240V AC) matches your local power supply.
- Connect the adapter only to devices that require 12V DC and a maximum of 200mA. Exceeding these specifications may damage the device or adapter.
- The adapter features built-in Dynamic IC, Charger IC, and Power Fuse for rapid charging and overcharge protection. However, avoid leaving devices connected indefinitely after they are fully charged.
- Do not disassemble, modify, or attempt to repair the adapter. Refer servicing to qualified personnel.
- Keep the adapter away from children and pets.
- Unplug the adapter from the power outlet when not in use for extended periods.

Built Safety Protections

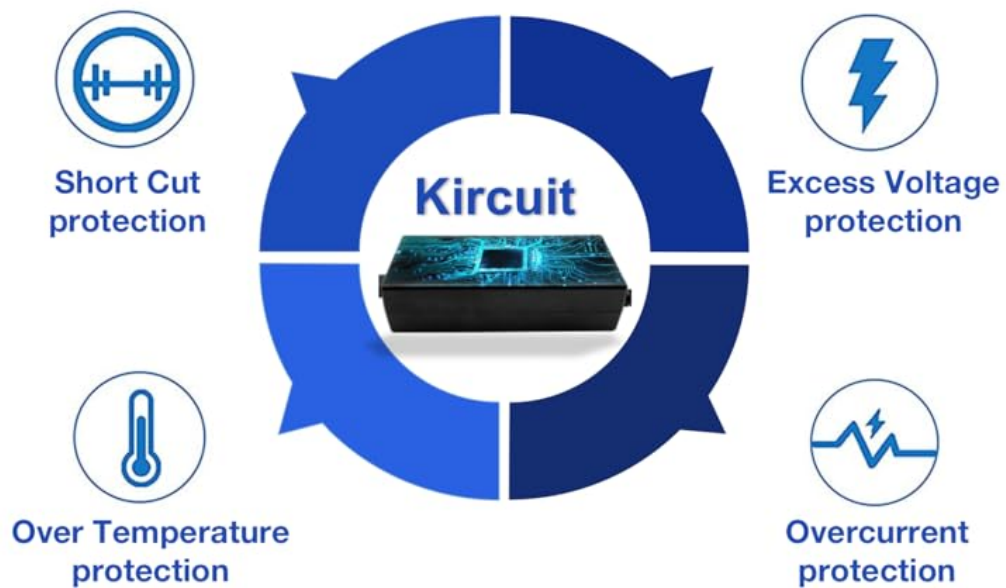


Image: Built-in Safety Protections. This diagram illustrates the comprehensive safety features integrated into the Kircuit adapter, including protection against short circuits, excess voltage, over temperature, and overcurrent, ensuring safe and reliable operation.

3. PRODUCT OVERVIEW

The Kircuit 12V DC AC Adapter is a compact and efficient power supply designed for various electronic devices. It converts standard AC wall power to 12V DC, providing stable and regulated power.



Image: Kircuit 12V DC AC Adapter. This image displays the main unit of the adapter, highlighting its compact design and the label indicating

input (100-240V AC, 50/60Hz, 0.3A) and output (12V DC, 200mA) specifications.

Key Features:

- **Input:** 100V-240V AC, 50/60Hz, 0.3A
- **Output:** 12V DC, 200mA
- Integrated safety features: Dynamic IC, Charger IC, Power Fuse.
- Durable cable design with high-quality insulation.
- Robust plug construction for secure and stable connection.



Image: Adapter with Cord Length. This photo shows the adapter unit connected to its power cord, clearly indicating a cord length of 6.5 feet, providing ample reach for various setups.

Durable design



- Power cable made of high-quality materials with thick insulation layer to protect against wear and tear, as well as abrasion-resistant outer sheathing to prevent damage from external factors.
- The cable can withstand high temperatures without melting or degrading, which is especially important for cables carrying high current loads.

Image: Durable Cable Design. This graphic highlights the robust construction of the power cable, emphasizing its high-quality materials, thick insulation, and abrasion resistance, designed to withstand wear and tear and high temperatures.

- The plugs on the power cable also well-made and designed to provide a secure and stable connection.
- The plugs can handle high electrical loads without overheating or causing a fire hazard.

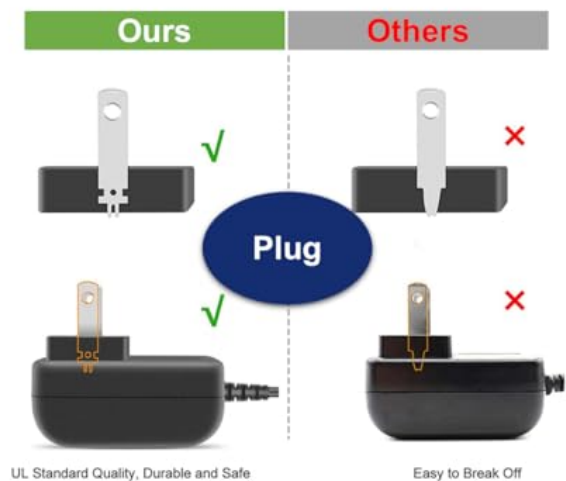


Image: Secure Plug Connection. This comparison illustrates the superior design of the Kircuit adapter's plug, ensuring a secure and stable connection that can handle electrical loads without overheating, unlike some other designs.

4. SETUP

Follow these steps to set up your Kircuit 12V DC AC Adapter:

1. **Verify Compatibility:** Ensure your device requires a 12V DC power input and has a compatible power jack. The adapter is compatible with devices such as Samson UHF Series One UR1 True Diversity Receiver, AC 250, AC250, 41-12-200R, AC300R, AC 300R, Anoma GPE, GPE038-120020-1, and AD12200.
2. **Connect to Device:** Insert the DC output plug of the adapter firmly into the power input jack of your electronic device.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100V-240V AC wall power outlet.
4. **Power On Device:** Once connected, power on your device as per its own instructions.



Image: Adapter in Use. This image demonstrates the adapter plugged into a power strip, illustrating a typical setup scenario on a desk, ready to power a compatible device.

5. OPERATING

The Kircuit 12V DC AC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 12V DC output for continuous operation or charging, depending on your device's function.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating during prolonged use.
- If your device has an indicator light for charging or power, observe it to confirm proper power delivery.
- Disconnect the adapter from the wall outlet first, then from the device, when not in use.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly winding the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires, cracked casing, or bent prongs. If damage is found, discontinue use immediately.

7. TROUBLESHOOTING

If you encounter issues with your Kircuit 12V DC AC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on/charging.	Adapter not properly connected. Power outlet is not active. Device is incompatible or faulty.	Ensure adapter is fully plugged into both the device and the wall outlet. Test the outlet with another device. Verify device voltage/current requirements match the adapter.
Adapter feels hot during use.	Normal operation (slight warmth). Overload or poor ventilation.	Ensure adequate ventilation around the adapter. If excessively hot, disconnect immediately and check device compatibility.
Flickering power/intermittent connection.	Loose connection. Damaged cable or plug.	Ensure all connections are secure. Inspect the cable and plug for visible damage. Discontinue use if damaged.

If the issue persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Kircuit 12V DC AC Adapter:

Specification	Value
Input Voltage	100V-240V AC
Input Frequency	50/60Hz
Input Current	0.3A

Specification	Value
Output Voltage	12V DC
Output Current	200mA
Cable Length	Approximately 6.5 ft (2 meters)
Safety Features	Dynamic IC, Charger IC, Power Fuse for overcharge protection
Manufacturer	Shenzhen Waweis Technology Co., Ltd
ASIN	B0C4TBM19B

9. WARRANTY AND SUPPORT

Kircuit products are manufactured with quality and reliability in mind. This adapter is backed by a **3-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use.

What is Covered:

- Manufacturing defects.
- Malfunctions occurring during normal operation.

What is Not Covered:

- Damage caused by misuse, abuse, accident, or neglect.
- Damage from unauthorized repair or modification.
- Normal wear and tear.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your Kircuit 12V DC AC Adapter, please contact the manufacturer or the seller from whom you purchased the product. Please have your purchase details and product ASIN (B0C4TBM19B) ready when contacting support.



Image: Product with Packaging. This image shows the Kircuit adapter alongside its retail packaging, which prominently displays a '3 YEAR' warranty, reinforcing the product's quality assurance.

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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

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