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› Kircuit AC Adapter User Manual for Icom IC-A6, IC-A24, IC-A24E, IC-A6E Transceivers

Kircuit K0108028

Kircuit AC Adapter User Manual

For Icom IC-A6, IC-A24, IC-A24E, IC-A6E Transceiver Radios

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Kircuit AC Adapter. This adapter is specifically designed to provide power and charge compatible Icom transceiver radios, including models IC-A6, IC-A24, IC-A24E, and IC-A6E. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: The Kircuit AC Adapter with its attached power cord, featuring the product label with input and output specifications.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the adapter or connected devices, observe the following safety precautions:

- Use the adapter only with compatible devices as specified.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open, modify, or repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input specifications (100-240V AC).
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

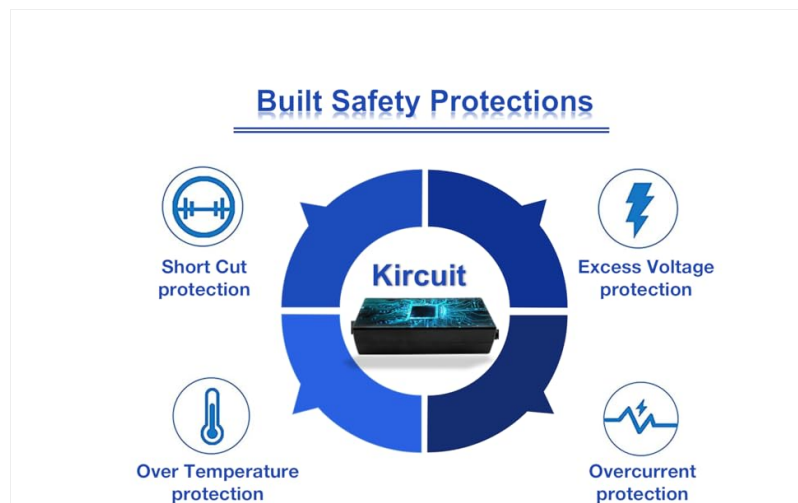


Image 2.1: The Kircuit AC Adapter incorporates multiple safety features, including protection against short circuits, excess voltage, over-temperature conditions, and overcurrent, ensuring reliable and safe power delivery.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Kircuit AC Adapter

4. SETUP

Follow these steps to set up your AC adapter:

1. **Inspect the Adapter:** Before connecting, visually inspect the adapter and its cable for any signs of damage.
2. **Connect to Device:** Insert the barrel connector end of the AC adapter cable into the power input port of your Icom IC-A6, IC-A24, IC-A24E, or IC-A6E transceiver radio. Ensure a secure connection.
3. **Plug into Power Outlet:** Insert the AC plug of the adapter into a standard wall power outlet (100-240V AC).



Image 4.1: The Kircuit AC Adapter is shown plugged into a multi-outlet power strip, demonstrating a typical setup for connecting to a power source.

5. OPERATING INSTRUCTIONS

Once connected, the adapter will begin to supply power to your transceiver radio or charge its battery.

- **Power Supply:** The adapter provides continuous power to the radio when plugged in, allowing for extended operation without relying on battery power.
- **Battery Charging:** When the radio is connected and powered off, the adapter will charge the radio's internal battery. Charging times may vary depending on the battery's state of charge and capacity. For some Icom models, a full charge may take approximately 16 hours.
- **Charging Indicator:** Refer to your Icom transceiver's specific user manual for information on its charging indicator light or display, which typically shows the charging status.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your AC 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 coiling the cable to prevent damage.
- **Cable Care:** Regularly check the power cable for any cuts, fraying, or bends, especially near the connectors. Do not use if the cable is damaged.

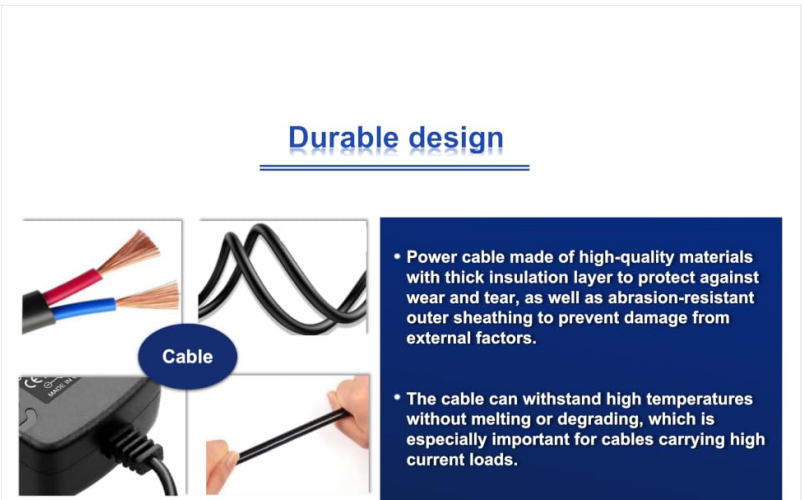


Image 6.1: The adapter features a durable cable design with high-quality materials and thick insulation, providing protection against wear, tear, and external factors.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Adapter not supplying power/charging	No power from outlet; loose connection; damaged adapter/cable; incompatible device.	Check power outlet with another device. Ensure all connections are secure. Inspect adapter and cable for damage. Verify device compatibility.

Problem	Possible Cause	Solution
Slow charging	Radio in use while charging; battery condition.	Ensure the radio is powered off during charging for optimal speed. Battery degradation can affect charging time.
Adapter feels warm	Normal operation; excessive load.	It is normal for adapters to feel slightly warm during operation. If it becomes excessively hot, disconnect immediately and contact support.

8. SPECIFICATIONS

Key technical specifications for the Kircuit AC Adapter (Model K0108028):

- **Model Number:** K0108028
- **Input:** 100V-240V AC, 50/60Hz, 0.3A
- **Output:** (Specific output voltage/current not provided in product data, typically matches device requirements)
- **Connector Type:** Barrel connector
- **Compatible Devices:** Icom IC-A6, IC-A24, IC-A24E, IC-A6E Transceiver Radios
- **Item Weight:** 3.2 ounces
- **Package Dimensions:** 4.25 x 2.6 x 1.57 inches
- **Special Features:** Portable, Travel-friendly design
- **Included Components:** 1 x AC Adapter



Image 8.1: The Kircuit AC Adapter, highlighting its compact design and a cord length of approximately 6.5 feet, suitable for various setups.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Kircuit AC Adapter, please refer to the seller's policies or contact the

manufacturer directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the Kircuit brand page or contact their customer service through the platform where the product was purchased.

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