

Kircuit K0108023

Kircuit AC DC Adapter Charger User Manual

Model: K0108023

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your Kircuit AC DC Adapter Charger, Model K0108023. This adapter is designed to provide power and charge compatible ICOM radios, including models IC-A22, IC-U82, IC-F40GT, IC-F40GS, and IC-F31GT/GS.

Important Compatibility Note:

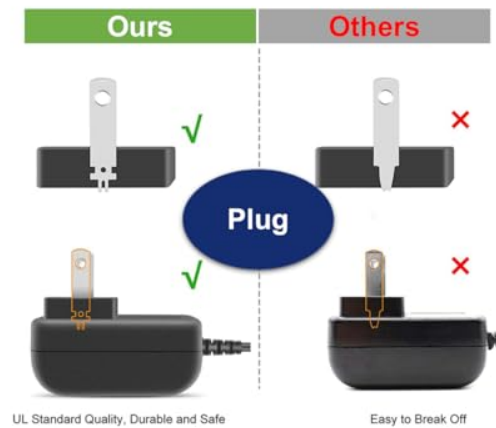
While this adapter is listed as compatible with various ICOM models, some users have reported that the barrel connector may not fit the charging port of certain ICOM IC-A22 radios. Please verify the connector size and type required for your specific radio model before use.

2. SAFETY INFORMATION

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

- Use only with compatible devices as specified.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or modify the adapter.
- Avoid dropping or subjecting the adapter to strong impacts.
- Ensure the power outlet voltage matches the adapter's input specifications (100V-240V AC).
- Unplug the adapter from the power outlet when not in use or during electrical storms.

- 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.



This adapter features built-in safety protections including short circuit protection, excess voltage protection, over-temperature protection, and overcurrent protection to ensure safe operation.

3. PRODUCT OVERVIEW

The Kircuit AC DC Adapter Charger is a compact power supply designed for various ICOM radio models. It converts standard AC wall power to the DC power required by your device.



The adapter features a standard AC plug for wall outlets and a DC barrel connector for your device.



The power cable has a length of approximately 6.5 feet (2 meters).

Durable Design

The power cable is constructed from high-quality materials with thick insulation to protect against wear and tear. It is designed to withstand high temperatures without degradation, ensuring durability and safety for high current loads.

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.

The cable features a durable design with thick insulation for protection and longevity. The plugs on the power cable are designed for a secure and stable connection, capable of handling electrical loads without overheating.

Why choose Kircuit ?



Kircuit adapters have a wide range of product offerings that are compatible with various device types, power requirements, and connector standards. Kircuit adapters have a strong quality control process in place to ensure our products meet the highest standards of safety and performance.

The adapter's plug is designed for secure and stable connections.

4. SETUP

1. **Verify Compatibility:** Ensure the DC barrel connector of the Kircuit adapter matches the charging port of your ICOM radio. Refer to your radio's manual for specific power input requirements.
2. **Connect to Device:** Insert the DC barrel connector firmly into the charging port of your ICOM radio.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100V-240V AC wall

power outlet.



Ensure the adapter is securely plugged into a power outlet.

5. OPERATING INSTRUCTIONS

Once connected, the adapter will begin supplying power to your ICOM radio and charging its battery (if applicable). The charging process typically takes approximately 5 to 6 hours for a full charge, depending on the radio model and battery capacity.

- Monitor your device's charging indicator to confirm charging status.
- Disconnect the adapter from the radio and the wall outlet once charging is complete or when the radio is not in use.

6. MAINTENANCE

- **Cleaning:** Disconnect the adapter from all power sources 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. Avoid wrapping the cable too tightly around the adapter.

- **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

- **Adapter Not Supplying Power:**
 - Ensure the adapter is securely plugged into a working wall outlet.
 - Verify the DC barrel connector is fully inserted into the radio's charging port.
 - Check if the wall outlet is functional by plugging in another device.
 - Inspect the adapter and cable for any visible damage.
- **Adapter Connector Does Not Fit Radio:**
 - As noted in the Introduction, some ICOM IC-A22 radios may have a different charging port size. Double-check your radio's specifications for the correct barrel connector dimensions.
 - If the connector does not fit, this adapter is not compatible with your specific radio model.
- **Slow Charging or No Charge Indication:**
 - Ensure the radio is powered off during charging for optimal performance.
 - Verify the radio's battery is properly seated and functional.
 - The charging time can vary; allow sufficient time for a full charge (e.g., 5-6 hours).

8. SPECIFICATIONS

Brand	Kircuit
Model Number	K0108023
Input Voltage	100V-240V AC
Connector Type	Barrel Connector
Compatible Devices	ICOM IC-A22, IC-U82, IC-F40GT, IC-F40GS, IC-F31GT/GS Radios
Current Rating	1 Amps
Wattage	120 watts
Cord Length	Approx. 6.5 ft (2 meters)
Item Weight	3.2 Ounces

9. WARRANTY AND SUPPORT

Kircuit products are designed for quality and performance. This product typically comes with a manufacturer's warranty. Please refer to the product packaging or contact Kircuit customer support for specific warranty details and assistance.

For technical support or inquiries, please visit the Kircuit official website or contact their customer service department.

