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› Kircuit CAR DC Adapter for RadioShack PRO-405 Radio Scanner - Instruction Manual

Kircuit PRO-405

Kircuit CAR DC Adapter for RadioShack PRO-405 Radio Scanner

Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit CAR DC Adapter, designed as a replacement power supply for the RadioShack PRO-405 Radio Scanner. Please read this manual thoroughly before use and retain it for future reference.

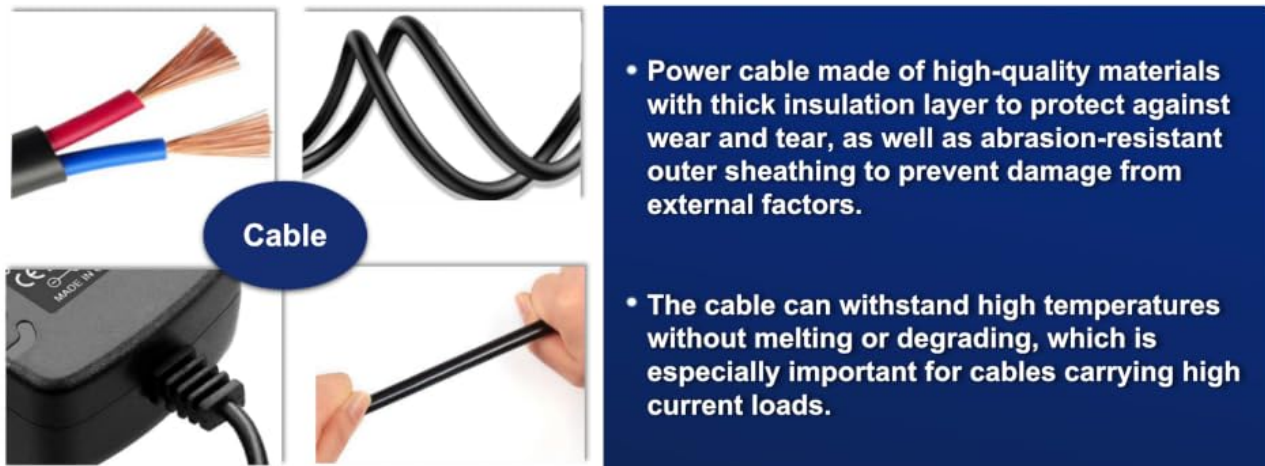
2. PRODUCT OVERVIEW

The Kircuit CAR DC Adapter is a high-quality replacement power charger designed to provide reliable 9V power to your RadioShack PRO-405 Radio Scanner from your vehicle's 12V-24V DC power outlet. It features built-in protection mechanisms to ensure safe and rapid charging.

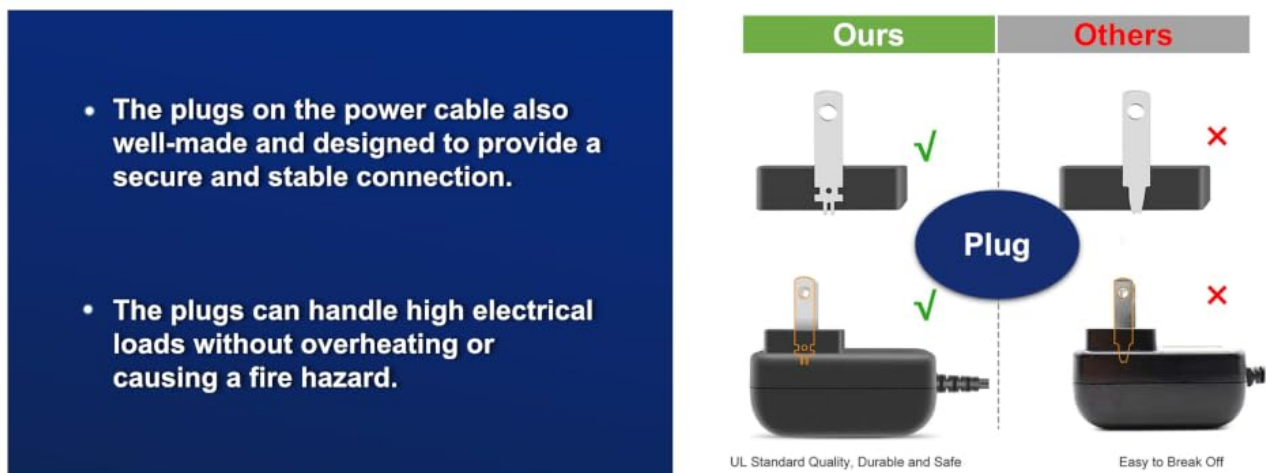
Key Features:

- High-quality replacement car power charger adapter.
- Input voltage range: 12V - 24V DC.
- Built-in Dynamic IC, Charger IC, and Power fuse for rapid charging and overcharge protection.
- Durable cable design with thick insulation and abrasion resistance.
- Well-made plugs for secure and stable connection, capable of handling electrical loads without overheating.

Durable design



This image illustrates the durable design of the power cable, featuring high-quality materials, thick insulation, and abrasion resistance to prevent damage from external factors. The cable is designed to withstand high temperatures without degradation.



This image compares the Kircuit adapter's plug with a generic alternative, emphasizing the Kircuit plug's UL standard quality, durability, and secure connection. It highlights the ability of Kircuit plugs to handle electrical loads safely.

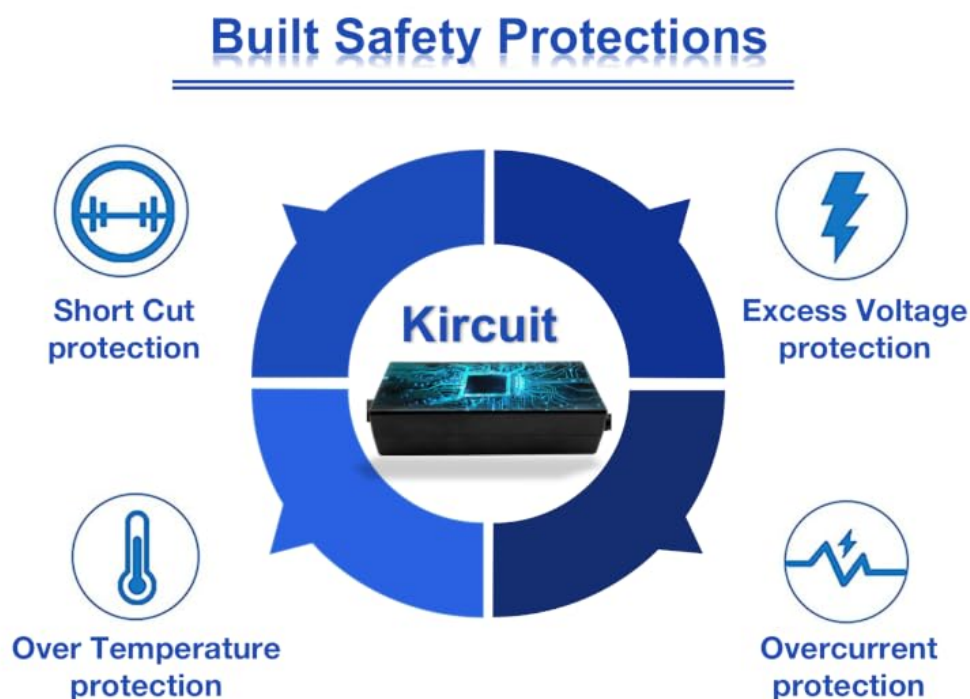
3. SAFETY INFORMATION

Your Kircuit CAR DC Adapter is equipped with multiple safety features to protect both the adapter and your connected device. Adhere to the following guidelines for safe operation:

- Do not expose the adapter to moisture or extreme temperatures.
- Ensure the adapter is securely plugged into the car's DC outlet and the scanner's power port.
- Do not attempt to disassemble or modify the adapter.
- Keep out of reach of children.
- Disconnect the adapter from the car's DC outlet when not in use for extended periods.

Built-in Safety Protections:

- **Short Circuit Protection:** Prevents damage from electrical shorts.
- **Excess Voltage Protection:** Safeguards against input voltage spikes.
- **Over Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.
- **Overcurrent Protection:** Protects against excessive current draw.



This image visually represents the comprehensive safety features integrated into the Kircuit adapter, including protection against short circuits, excess voltage, over-temperature, and overcurrent, ensuring a safe power supply.

4. SETUP

1. **Locate Car DC Outlet:** Identify the 12V-24V DC power outlet (cigarette lighter socket) in your vehicle.
2. **Connect Adapter to Car:** Insert the car plug end of the Kircuit DC Adapter firmly into your vehicle's DC power outlet. Ensure a snug fit.
3. **Connect Adapter to Scanner:** Plug the output connector of the Kircuit DC Adapter into the 9V power input port of your RadioShack PRO-405 Radio Scanner.
4. **Verify Connection:** Confirm that both connections are secure before operating your scanner.

5. OPERATING INSTRUCTIONS

Once the Kircuit CAR DC Adapter is properly connected to your vehicle's power outlet and your RadioShack PRO-

405 Radio Scanner, it will begin to supply power or charge the scanner's battery (if applicable and supported by the scanner).

- Turn on your RadioShack PRO-405 Radio Scanner as per its own instruction manual.
- The adapter will provide continuous power for operation or charge the scanner's internal battery.
- Monitor the scanner's battery indicator (if available) to confirm charging status.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Kircuit CAR DC Adapter, follow these simple maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cable too tightly to prevent damage.
- **Inspection:** Periodically inspect the cable and connectors for any signs of wear, fraying, or damage. If damage is observed, discontinue use immediately.

7. TROUBLESHOOTING

Adapter Not Providing Power:

- **Check Connections:** Ensure the adapter is fully inserted into both the car's DC outlet and the scanner's power port.
- **Check Car Outlet:** Verify that your vehicle's DC power outlet is functional. Test it with another known working device if possible. Some car outlets are only active when the ignition is on.
- **Inspect Cable/Adapter:** Look for any visible damage to the cable or adapter housing. If damaged, do not use.

Scanner Not Charging/Powering On:

- **Scanner Compatibility:** Confirm that the Kircuit adapter is the correct voltage (9V) and connector type for your RadioShack PRO-405 Radio Scanner.
- **Scanner Battery:** If the scanner has a removable battery, ensure it is properly installed and not completely depleted.
- **Scanner Issues:** If the adapter appears to be working, the issue might be with the scanner itself. Refer to your scanner's manual.

8. SPECIFICATIONS

Feature	Specification
Input Voltage	12V - 24V DC
Output Voltage	9V DC (Specific to RadioShack PRO-405)
Power Source	Corded Electric (Car DC Outlet)
Main Power Connector Type	2 Pin (Car DC Plug)
Compatibility	RadioShack PRO-405 Radio Scanner

9. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your Kircuit CAR DC Adapter, please contact Kircuit customer support through the retailer where the product was purchased. Please have your purchase details and product model information available.

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