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PKPOWER DJ-X3, DJ-193, DJ-195, DJ-493, DJ-496, DJ-596, DJ-V-5, DJ-S40

PK Power Car DC Adapter Instruction Manual

For Alinco DJ-X3, DJ-193, DJ-195, DJ-493, DJ-496, DJ-596, DJ-V-5, DJ-S40 Radios

1. Introduction

This manual provides essential instructions for the safe and effective use of your PK Power Car DC Adapter. This adapter is designed to provide power to compatible Alinco handheld radios and similar devices from a vehicle's 12V DC power outlet (cigarette lighter socket).

2. Product Overview

The PK Power Car DC Adapter is a reliable power solution for your portable electronic devices. It features robust construction and incorporates safety mechanisms to protect your equipment.

Key Features:

- **Input:** 100-240V 50-60Hz (Note: This refers to the manufacturing test input, the adapter itself is for 12V DC vehicle input).
- **Certifications:** CE / FCC / RoHS certified, ensuring compliance with safety and environmental standards.
- **Protection Features:**
  - **OVP (Over Voltage output Protection):** Safeguards against excessive output voltage.
  - **OCP (Over Current output Protection):** Protects against excessive output current.
  - **SCP (Short Circuit output Protection):** Prevents damage from short circuits.
- **Compatibility:** Designed for various Alinco models including DJ-X3, DJ-193, DJ-195, DJ-493, DJ-496, DJ-596, DJ-V-5, DJ-S40.

Image 1: The PK Power Car DC Adapter featuring a coiled power cord and a standard vehicle lighter plug connector. This image shows the adapter's main components for vehicle power connection.

3. Setup

Follow these steps to properly set up your car DC adapter:

1. **Identify Vehicle Power Outlet:** Locate the 12V DC power outlet (often called a cigarette lighter socket) in your vehicle. Ensure the vehicle's ignition is in a position that provides power to this outlet (e.g., ACC or ON).
2. **Connect to Vehicle:** Insert the car lighter plug end of the PK Power adapter firmly into the vehicle's 12V DC power outlet. Ensure a secure connection.
3. **Connect to Device:** Connect the other end of the adapter cable to the power input port of your compatible Alinco radio or other electronic device. Refer to your device's manual for the correct power input location.
4. **Verify Power:** Once connected, your device should indicate that it is receiving power or charging, if applicable.

Image 2: A closer view of the PK Power Car DC Adapter's lighter plug, showing its design and a small indicator light (if present) that confirms power connection. This image highlights the plug's construction.

4. Operating Instructions

The PK Power Car DC Adapter is designed for straightforward operation:

- **Plug and Play:** Once properly connected to both the vehicle's power outlet and your device, the adapter will automatically supply power.
- **Device Operation:** Operate your Alinco radio or other device as usual while it is connected to the adapter. The adapter provides continuous power, allowing for extended use or battery charging.
- **Disconnection:** To disconnect, first power off your device if recommended by its manufacturer. Then, gently pull the adapter from your device's power port, followed by removing the lighter plug from the vehicle's outlet.

Safety Precautions:

- Do not expose the adapter to moisture or extreme temperatures.
- Avoid using the adapter if the cable or connectors are damaged.
- Ensure the vehicle's power outlet is clean and free of debris for a good connection.
- Do not attempt to disassemble or modify the adapter.

5. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the adapter and its cables. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cable loosely to prevent kinks or damage.
- **Inspection:** Periodically inspect the cable and connectors for any signs of wear, cuts, or damage. If

damage is observed, discontinue use and replace the adapter.

6. Troubleshooting

If you encounter issues with your PK Power Car DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not receiving power/charging.	• Loose connection. • Vehicle power outlet not active. • Blown fuse in vehicle. • Damaged adapter. • Incompatible device.	• Ensure all connections are firm. • Check vehicle ignition position. • Inspect vehicle's fuse box and replace fuse if necessary (consult vehicle manual). • Inspect adapter for damage; replace if faulty. • Verify device compatibility.
Adapter feels unusually hot.	• Overload or short circuit. • Poor ventilation.	• Disconnect immediately. Check device for issues. • Ensure adapter is not covered or in an enclosed space.

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

7. Specifications

- **Input Voltage:** 12V DC (from vehicle lighter socket)
- **Output:** Specific to compatible Alinco models (refer to your device's power requirements)
- **Connector Type:** Auxiliary (Car Lighter Plug)
- **Color:** Black
- **Power Source:** Corded Electric
- **Certifications:** CE, FCC, RoHS
- **Protection:** OVP, OCP, SCP

8. Warranty and Support

PK Power products are designed for quality and reliability. While specific warranty details are not provided in this document, PK Power offers customer support to assist with any issues you may encounter.
Our friendly and reliable customer service team aims to respond to inquiries within 24 hours. For support, please refer to the contact information provided with your purchase or on the PK Power official website.