Plozoe USB C Hardwire Kit

Plozoe USB C Dash Cam Hardwire Kit User Manual

Model: USB C Hardwire Kit

Introduction

The Plozoe USB C Dash Cam Hardwire Kit provides a reliable and continuous power supply for your dash camera, enabling 24-hour surveillance and freeing up your car's cigarette lighter port. This kit is designed for easy installation and features built-in safeguards to protect your devices and vehicle battery.

What's in the Box

- 1 x USB C Hardwire Kit (11.5ft cable)
- 1 x Installing Crowbar
- 4 x Fuse Tap Cables (various types: ACU, ACS, ACN, ACZ)
- Assorted Fuses

Image: All components included in the Plozoe USB C Dash Cam Hardwire Kit, showing the main hardwire cable, four different types of fuse tap cables, and an orange installation crowbar.

Features

- **24-Hour Surveillance:** Connects to your car's battery or fuse box to provide continuous power to your dash camera, even when the vehicle is off. Features low voltage protection to prevent battery drain, automatically cutting off power if the car battery voltage drops below 11.6V (for 12V systems) or 23.5V (for 24V systems), ensuring enough power to start your car.

Image: A dash camera mounted on a car's windshield, with an overlay of a battery icon indicating 24-hour surveillance and low voltage protection features.

- **High Secure Standards:** Equipped with a precise switching power supply module that converts 12V/24V input to a stable 5V output. Built-in safeguards protect connected devices against excessive current and overheating.

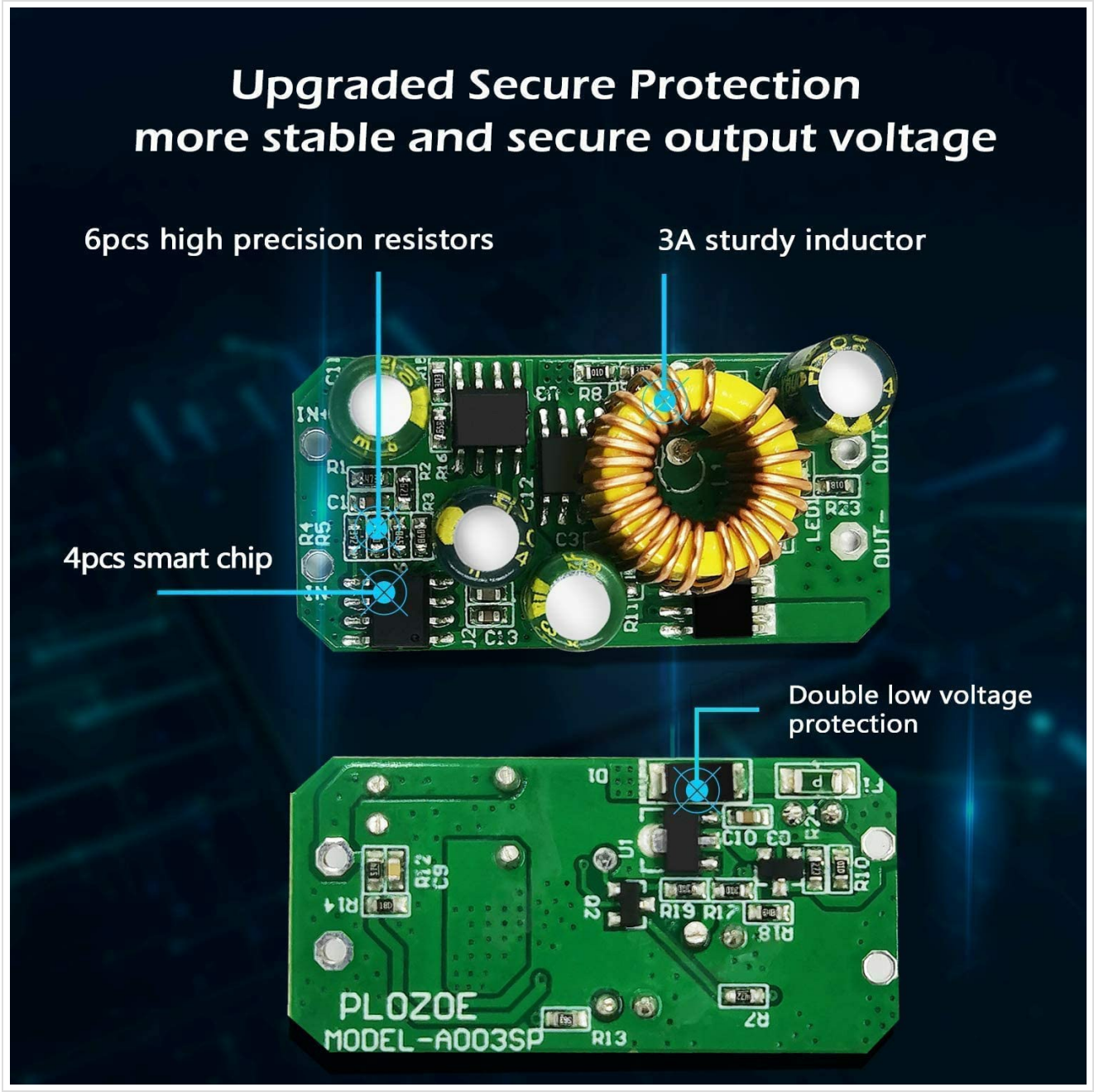

Image: A detailed view of the internal circuit board of the hardwire kit, highlighting components such as high precision resistors, a 3A sturdy inductor, and smart chips, emphasizing upgraded secure protection.

- **Wide Compatibility:** Compatible with most car models (12V-24V input) and a broad range of USB C devices, including popular dash cams (e.g., REDTIGER F7N, VIOFO A229, Rove R3, AZDOME M560, Vantrue N4, WOLFBOX i07/G900/G850/G840S G840H mirror cams), GPS navigators, and radar detectors.

Image: A graphic demonstrating the wide compatibility of the Type-C USB hardwire kit, showing its connection to different devices such as a dash cam, GPS navigator, and mirror cam.

- **Easy Installation:** Designed for simple hidden wiring, keeping your car's interior neat and tidy while freeing up the cigarette lighter for other devices.

Image: A hand holding the compact voltage regulator of the hardwire kit next to its product packaging, illustrating its small size and 11.5ft cable length.

Specifications

Model Number	USB C Hardwire Kit
Input Voltage	DC 12V-24V
Output Voltage	5V
Output Current	2A Max
Cable Length	11.5 ft
Connector Type	USB Type-C
Material	Polyvinyl Chloride (PVC)
Item Weight	0.18 Kilograms (6.35 ounces)

Operating Temperature	-40°F to 160°F

Installation Guide

Important: If you do not have experience installing automotive electrical components, it is highly recommended to seek professional assistance to avoid damage to your vehicle or the hardwire kit.
The hardwire kit connects directly to your car's fuse box, providing a stable power source. Follow these steps for installation:

Wiring Diagram Overview

Image: A detailed wiring diagram illustrating how to connect the hardwire kit to the car's fuse box for 24-hour surveillance. It shows the accessory code (red wire) connecting to a fuse that is always on, and the ground cord (black wire) connecting to a metal part of the fuse box (negative pole).

Step-by-Step Installation

1. **Step 1: Locate the Fuse Box.**

   Identify your car's fuse box. Its location may vary by vehicle model (e.g., under the dashboard, in the engine bay, or in the trunk). Use the provided crowbar tool to carefully pry open panels if necessary to access the fuse box.

Image: An interior view of a car, highlighting the location of the fuse box typically found under the dashboard on the driver's side.

2. **Step 2: Connect the Red Wire (Accessory Code).**

   The red wire from the hardwire kit needs to be connected to a fuse that provides constant power, regardless of whether the engine is on or off. This enables the 24-hour surveillance feature. Use one of the included fuse tap cables that matches your car's fuse type. Insert the original car fuse into the lower slot of the fuse tap, and a new fuse (of the same amperage) into the upper slot for the hardwire kit. Then, plug the fuse tap into an appropriate constant power fuse slot in your car's fuse box.

Image: A close-up of a car's fuse box, showing the red wire of the hardwire kit connected using a fuse tap, indicating the positive power connection.

Image: A diagram illustrating the correct insertion of both the power supply fuse and the original car fuse into a fuse tap, showing how the red wire (E) takes out the power.

Image: A display of the four different types of fuse tap cables provided with the kit: ACU (ATO), ACS (MINI), ACN (LP MINI), and ACZ (MICRO 2), ensuring compatibility with various vehicle fuse types.

3. **Step 3: Connect the Black Wire (Ground Cord).**

   Connect the black wire (ground cord) to a metal part of the car's chassis or a suitable ground point near the fuse box. This completes the electrical circuit.

Image: A close-up view inside a car, showing the black ground wire of the hardwire kit securely connected to a metal bolt, serving as the negative electrode.

4. **Step 4: Route the Cable and Connect to Dash Cam.**

   Carefully route the USB C cable from the hardwire kit to your dash camera, tucking it neatly along the car's trim or headliner to keep it hidden. Use the provided crowbar tool to assist in tucking the cable. Finally, plug the USB C connector into your dash camera's power input.

Operating Instructions

Once properly installed, the hardwire kit will automatically provide power to your USB C dash camera. The 24-hour surveillance feature will activate when your vehicle is turned off, allowing your dash cam to continue recording in parking mode (if supported by your dash cam).

- **Automatic Power Cut-off:** The kit includes a low voltage protection feature. If your car battery voltage drops to 11.6V (for 12V systems) or 23.5V (for 24V systems), the power supply to the dash cam will automatically cut off. This prevents complete battery discharge and ensures you can still start your vehicle.
- **Continuous Power:** The hardwire kit ensures your dash cam receives consistent power, eliminating the need for the cigarette lighter adapter and providing a cleaner installation.

Maintenance

- Regularly check the connections at the fuse box to ensure they are secure.
- Inspect the cable for any signs of wear or damage.
- Keep the hardwire kit module clean and free from excessive dust or moisture.

Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on after installation.	Incorrect fuse connection, blown fuse, low car battery voltage, incorrect ground connection.	◦ Verify that the red wire is connected to a constant power fuse using the fuse tap. ◦ Check both the original fuse and the new fuse in the fuse tap for continuity. Replace if blown. ◦ Ensure the black ground wire is securely connected to a clean, unpainted metal surface. ◦ Start your car to charge the battery; the low voltage cut-off might be active if the battery is too low.
Dash cam turns off intermittently or reboots.	Unstable power supply, loose connection, faulty hardwire kit.	◦ Check all connections for tightness, especially at the fuse box and ground point. ◦ Ensure the USB C connector is fully inserted into the dash cam. ◦ If issues persist, the hardwire kit may be faulty. Contact customer support.

Car battery drains after prolonged parking surveillance.	Low voltage protection not functioning, excessive power draw from dash cam, very old/weak car battery.	◦ Confirm the hardwire kit is correctly installed to a constant power source. ◦ Check your dash cam's parking mode settings; some modes consume more power. ◦ Have your car battery tested by a professional.

Warranty and Support

Plozoe is committed to providing high-quality and durable automotive electronic products. For any questions, technical assistance, or warranty inquiries regarding your Dash Cam Hardwire Kit, please contact Plozoe customer support through the retailer's platform or the official brand website.
Please retain your proof of purchase for warranty claims.