POYBPCY CS112

POYBPCY CS112 Dashcam Hardwire Kit Instruction Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your POYBPCY CS112 Dashcam Hardwire Kit. Please read this manual thoroughly before installation and use to ensure proper function and safety. This kit is designed to provide continuous power to your dashcam, enabling features like 24-hour parking surveillance and low voltage protection.

Product Overview

The POYBPCY CS112 Hardwire Kit is a dedicated power solution for compatible dashcams, offering a stable 5V/2A output from a 12-24V input. It features a USB Type-C port for connection to your dashcam.

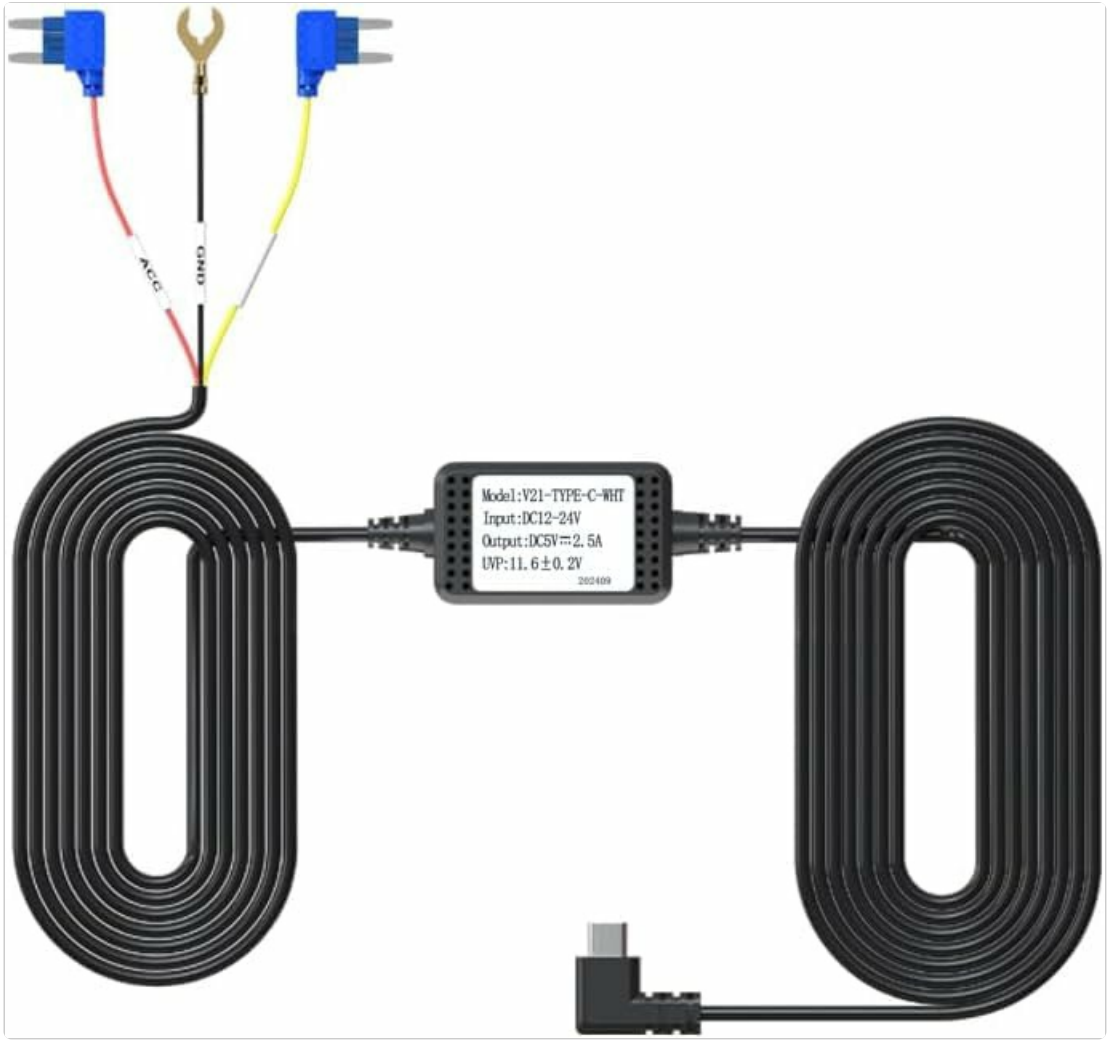

Image: The POYBPCY CS112 Hardwire Kit is designed to power dashcams, such as the one shown, for continuous operation.

What's in the Box:

- Hardwire Kit (with USB Type-C connector)
- Low profile mini fuse adapter
- Micro fuse adapter
- ATO (regular) fuse adapter
- Micro2 fuse adapter
- Bonding pads
- Pry bar

Safety Information

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.
- Incorrect wiring can damage your vehicle's electrical system or the dashcam. If you are unsure about any step, consult a professional auto electrician.
- Do not modify the hardwire kit or its components.
- Keep the product away from water and extreme temperatures.

Setup & Installation

The CS112 Hardwire Kit allows for a clean, hidden installation, bypassing the car's cigarette lighter socket. It connects directly to your vehicle's fuse box.

Installation Steps:

1. **Identify Fuse Box:** Locate your vehicle's fuse box. Refer to your vehicle's owner's manual for its exact location (often under the dashboard, in the glove compartment, or under the hood).
2. **Identify Power Sources:** You will need to identify two types of fuse slots:
   - **Constant Power (BAT):** A fuse that provides power even when the ignition is off (e.g., for interior lights, hazard lights). This is for parking monitoring.
   - **Accessory Power (ACC):** A fuse that provides power only when the ignition is on (e.g., for radio, cigarette lighter). This is for normal driving recording.

   Use a circuit tester or multimeter to verify these fuse slots.
3. **Connect Fuse Taps:** Select the appropriate fuse adapters (mini, micro, ATO, Micro2) for your vehicle. Insert an existing fuse from your vehicle into the lower slot of the fuse tap. Insert a new fuse (usually 5A or 10A, check dashcam requirements) into the upper slot of the fuse tap for the hardwire kit. Connect the red wire (ACC) to the accessory power fuse tap and the yellow wire (BAT) to the constant power fuse tap.
4. **Ground Connection:** Connect the black wire (GND) to a metal bolt or screw on the vehicle's chassis that is securely grounded. Ensure a good electrical connection.
5. **Route Cables:** Carefully route the hardwire kit cable from the fuse box to your dashcam's mounting location. Use the included pry bar to tuck the cable neatly along the vehicle's trim and headliner. Use bonding pads to secure the cable if necessary.
6. **Connect to Dashcam:** Plug the USB Type-C connector into your dashcam.
7. **Test System:** Reconnect the vehicle battery. Start the engine to ensure the dashcam powers on. Turn off the engine and remove the key to verify parking mode activation (if supported by your dashcam).

Installation Videos:

Video: Connect your dashcam to a wiring kit

This video demonstrates the process of connecting a dashcam to a hardwire kit, showing the steps for wiring and securing connections within the vehicle.

Video: Dash CAM Dashboard Camera Wiring Kit

A visual guide to installing a dashcam hardwire kit, detailing the components and their proper placement for a secure setup.

Video: JOREST Car Fuses Adapter

This video illustrates how to use fuse adapters, which are crucial for safely integrating the hardwire kit into your vehicle's electrical system.

Operation

24-Hour Parking Monitoring:

When properly installed and connected to a compatible dashcam, the CS112 Hardwire Kit enables

continuous power to your dashcam even when the vehicle's engine is off. This allows your dashcam to utilize its parking surveillance features, such as motion detection or time-lapse recording, to protect your vehicle 24 hours a day, 7 days a week.
Note: The dashcam itself must support parking mode functionality for this feature to be active. If your dashcam has a low internal battery capacity, a secure connection to the car battery via this hardwire kit is essential for reliable parking mode operation.

Low Voltage Protection:

The hardwire kit includes built-in low voltage protection. This feature automatically cuts off power to the dashcam if your vehicle's battery voltage drops below 11.7V. This prevents excessive discharge of your car battery, ensuring there is always enough power remaining to start your engine without damage to the battery.

Maintenance

- Periodically check all connections to ensure they remain secure.
- Ensure cables are not pinched or exposed to excessive heat.
- Keep the hardwire kit free from dust and moisture.
- If a fuse blows, replace it with a fuse of the same amperage and type.

Troubleshooting

Dashcam does not power on:

- Check all connections: Ensure the USB Type-C connector is firmly plugged into the dashcam and the hardwire kit. Verify the fuse taps are correctly inserted into the fuse box and the ground wire is securely connected.
- Check fuses: Inspect the fuses in the fuse taps. Replace any blown fuses.
- Vehicle battery voltage: If the vehicle battery voltage is too low (below 11.7V), the low voltage protection will prevent the dashcam from powering on. Charge your vehicle battery.

Parking mode not working:

- Dashcam compatibility: Ensure your dashcam model supports parking mode functionality.
- Constant power connection: Verify that the yellow (BAT) wire of the hardwire kit is connected to a fuse slot that provides constant power even when the ignition is off.
- Dashcam settings: Check your dashcam's settings to ensure parking mode is enabled and configured correctly.

Dashcam turns off unexpectedly:

- Low voltage protection: The hardwire kit will cut power if the vehicle battery voltage drops below 11.7V to protect the battery. This is normal operation.
- Loose connection: Check for any loose connections in the wiring.

Specifications

Model Name	CS112
Brand	POYBPCY
Input Voltage	12V-24V DC
Output Voltage	5V DC
Output Current	2A
Cable Length	3.3 meters
Connector Type	USB Type-C
Low Voltage Protection	Cuts off power below 11.7V
Compatible Devices	Dashcams with USB Type-C input, suitable for cars, trucks, motorcycles
Product Dimensions	8 x 8 x 3 cm
Weight	90 g

Warranty Information

Specific warranty details for the POYBPCY CS112 Dashcam Hardwire Kit are not provided in this manual. Please refer to the product packaging or contact the retailer/manufacturer directly for warranty terms and conditions.

Customer Support

For technical assistance, troubleshooting, or further inquiries regarding your POYBPCY CS112 Dashcam Hardwire Kit, please contact your point of purchase or refer to the manufacturer's official website for support contact information.