

## HUPEJOS LDJYX

# HUPEJOS Type-C Hardwire Kit with Radar Detection User Manual

Model: LDJYX

## 1. INTRODUCTION AND OVERVIEW

The HUPEJOS Type-C Hardwire Kit with Radar Detection is designed to provide continuous power and advanced parking monitoring capabilities for your dash camera. This kit ensures your dash cam, such as the V50-4CH, V30-4CH, or V7PLUS models, remains operational even when your vehicle is turned off, offering 24/7 surveillance with intelligent radar detection and essential low voltage protection for your car battery.

## 2. PRODUCT FEATURES

- **24H Radar Intelligent Parking Monitor:** In the vehicle's off state, the system monitors objects within a 3-4 meter range in front of the car. The dash cam automatically records for 1 minute upon detection. If movement persists, recording continues until the object leaves the detection zone, then stops to conserve power and memory.
- **Type-C Port Compatibility:** Specifically designed for dash cams and other devices powered via a Type-C USB port, providing a stable 5V/2.5A output. Supports a wide voltage input range from 12V to 24V.
- **Low Voltage Protection:** Features multiple security protections. The hardwire kit will automatically cut off power after 60 seconds if the car battery voltage drops below 11.8V ( $\pm 0.2V$ ), preventing battery exhaustion.  
*Note: Not applicable for trucks with voltage above 24V.*
- **ACC Mode Functionality:** When parking mode is disengaged, the hardwire kit automatically switches to ACC mode. This allows the dash cam to power on and off with the vehicle's ignition, eliminating the need for manual power management.

## 3. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package:

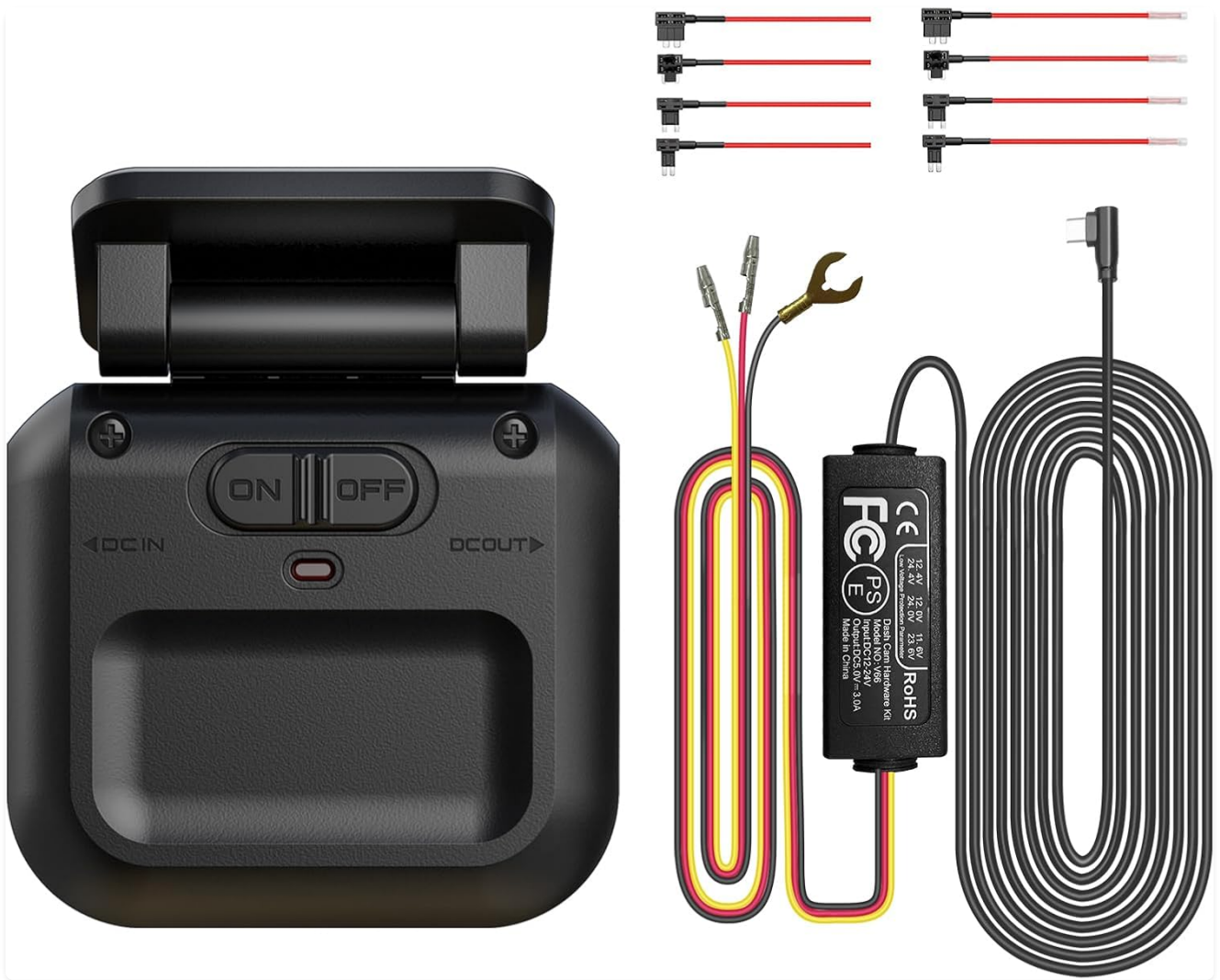


Image: Overview of the HUPEJOS Type-C Hardwire Kit components. This includes the main hardwire module with ON/OFF switch, a long Type-C power cable, and a selection of fuse taps to ensure compatibility with various vehicle fuse box types.

- HUPEJOS Type-C Hardwire Kit Module with Radar Sensor
- Type-C Power Cable
- Assorted Fuse Taps (for various fuse types)
- Ground Wire

## 4. SETUP AND INSTALLATION

**Important Safety Precaution:** Before connecting the hardwire kit, ensure the vehicle's engine is off and disconnect the negative terminal of the car battery to prevent electrical shorts or damage.



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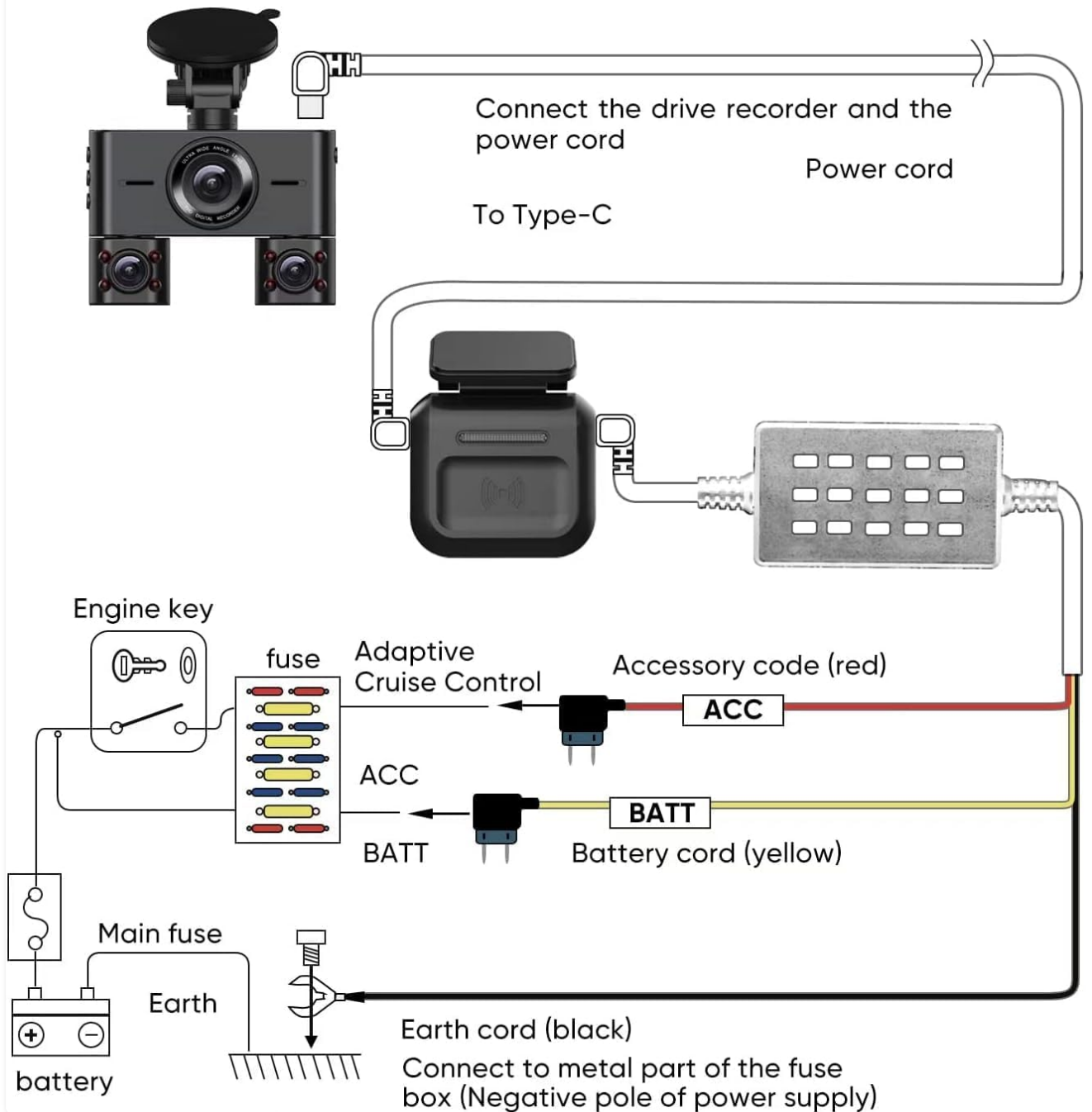


Image: Detailed wiring diagram illustrating how to connect the hardwire kit to the vehicle's fuse box. It shows the red wire connecting to ACC (Accessory), the yellow wire to BATT (Battery), and the black wire to GND (Ground/Earth).

- 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 engine bay, or in the trunk).
- 2. Select Fuse Taps:** Determine the correct fuse tap type and size for your vehicle by checking your existing fuses. The kit includes various types for compatibility.
- 3. Connect ACC Wire (Red):** Connect the red wire from the hardwire kit to an ACC (Accessory) fuse slot using the appropriate fuse tap. This slot should only have power when the ignition is on.



Image: Close-up view of the red ACC wire from the hardwire kit connected to an accessory fuse slot within the vehicle's fuse box.

4. **Connect BAT+ Wire (Yellow):** Connect the yellow wire from the hardwire kit to a BAT+ (Battery) fuse slot using the appropriate fuse tap. This slot should have constant power, even when the ignition is off.



Image: Close-up view of the yellow BAT+ wire from the hardwire kit connected to a constant power fuse slot in the vehicle's fuse box.

5. **Connect Ground Wire (Black):** Securely connect the black wire to a metal part of the car chassis, such as a bolt or screw, to establish a proper ground connection.



Image: Close-up view of the black ground wire from the hardwire kit securely fastened to a metal component of the car's interior for grounding.

6. **Route Cables:** Carefully route the Type-C power cable from the hardwire module to your dash camera, tucking it neatly along the vehicle's interior trim for a clean installation.



Image: Illustration demonstrating the recommended method for routing the dash cam's power cable discreetly along the vehicle's A-pillar and headliner for a tidy installation.

7. **Connect to Dash Cam:** Plug the Type-C connector into your compatible dash camera.
8. **Reconnect Battery:** Once all connections are secure, reconnect the negative terminal of your car battery.

## 5. OPERATING INSTRUCTIONS

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Image: In-car view demonstrating the radar intelligent monitoring system, highlighting the 3-4 meter detection range for objects around the parked vehicle.

- **Activating Parking Monitoring:** The hardwire kit features an independent ON/OFF switch for the parking monitoring function. Toggle this switch on the hardwire module to enable or disable radar detection parking monitoring. This eliminates the need to adjust settings directly on your dash cam.



Image: Close-up of the hardwire kit module, showing the dedicated ON/OFF switch for activating or deactivating the radar sensor parking monitoring feature.

- **Radar Detection Logic:** When parking monitoring is active and the vehicle is off, the system will detect moving objects within 3-4 meters. Upon detection, the dash cam will record for 1 minute. After this minute, it enters a 10-second standby state to avoid repeated triggers from the same object. If further movement is detected after 10 seconds, recording resumes. This intelligent system saves power and memory card space.
- **ACC Mode Operation:** If the parking monitoring switch is set to OFF, the hardwire kit will operate in ACC mode. This means the dash cam will power on automatically when your vehicle's ignition is turned on and power off when the ignition is turned off.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your HUPEJOS Hardwire Kit, consider the following maintenance tips:

- Periodically check all cable connections to ensure they remain secure and free from corrosion.
- Inspect the cables for any signs of wear, fraying, or damage. Replace if necessary.
- Keep the hardwire module clean and free from dust or debris.
- Ensure the area around the radar sensor (if visible) is unobstructed for accurate detection.

## 7. TROUBLESHOOTING

If you encounter issues with your hardwire kit, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dash cam does not power on.	Loose connection, blown fuse, incorrect wiring.	Check all cable connections (ACC, BAT+, Ground). Verify fuses in the fuse box are intact. Ensure wiring matches the installation diagram.
Parking monitoring is not working.	Radar detection switch is OFF, insufficient power, sensor obstructed.	Ensure the ON/OFF switch on the hardwire module is set to ON. Check BAT+ connection for constant power. Clear any obstructions around the radar sensor.
Car battery drains quickly.	Low voltage protection not functioning, excessive parking mode recording.	Confirm the low voltage protection is active (it should automatically cut off power below 11.8V). If the issue persists, consult a professional auto electrician.

Problem	Possible Cause	Solution
Dash cam does not turn off with ignition.	Incorrect ACC connection.	Verify the red ACC wire is connected to a fuse slot that only receives power when the ignition is on.

## 8. SPECIFICATIONS

Specification	Detail
Model Number	LDJYX
Input Voltage	12V-24V DC
Output Voltage/Current	5V / 2.5A
Low Voltage Protection Cutoff	11.8V ( $\pm 0.2V$ )
Parking Monitoring Type	Radar Intelligent Monitoring System
Radar Detection Range	3-4 meters (front of vehicle)
Product Dimensions	1.77 x 0.91 x 1.97 inches (Module)
Item Weight	8.3 ounces
Power Source	Direct Wiring to Vehicle Fuse Box

## 9. WARRANTY AND SUPPORT

The HUPEJOS Type-C Hardwire Kit with Radar Detection comes with a **12-month warranty** from the date of purchase, covering manufacturing defects. For technical support, troubleshooting assistance, or warranty claims, please contact HUPEJOS customer service through the official channels where you purchased the product or visit the [HUPEJOS Store on Amazon](#).