Plozoe Mini USB Hardwire Kit

Plozoe Mini USB Dash Cam Hardwire Kit Instruction Manual

Model: Mini USB Hardwire Kit
Brand: Plozoe

1. Introduction

The Plozoe Mini USB Hardwire Kit is designed to provide continuous power to your dash cam or other Mini USB devices, enabling 24-hour surveillance and parking mode functionality without draining your vehicle's battery. This kit converts 12V-24V vehicle power to 5V, ensuring stable operation and protecting your devices against excessive current and overheating. It is compatible with most car models and Mini USB devices such as dash cams, mirror cams, GPS navigators, and radar detectors.

2. Package Contents

Please verify that all items are present in your package:

- 1 x Mini USB Hardwire Kit (11.5ft cable)
- 1 x Mini USB Female to Type-C Male Adapter Cable (for newer dash cams)
- 1 x Installing Crowbar
- 4 x Fuse Tap Cables (various types to match different car models)
- 4 x Fuses (various types to match different car models)

Image: All components of the Plozoe Mini USB Hardwire Kit, including the main cable, adapter, pry bar, and various fuse taps and fuses.

3. Specifications

Feature	Detail
Input Voltage	12V-24V
Output Voltage	5V
Output Current	2 Amps (Max)
Cable Length	11.5 feet

Connector Type	Mini USB
Low Voltage Protection (12V battery)	11.6V cutoff
Low Voltage Protection (24V battery)	23.5V cutoff
Product Dimensions	5.91 x 3.15 x 1.18 inches
Item Weight	5.6 ounces

Image: The compact size of the hardwire kit's converter module and its 11.5ft cable length are highlighted.

4. Setup and Installation

Proper installation of the hardwire kit is crucial for optimal performance and safety. If you are unsure about any steps, it is

recommended to seek professional assistance.

4.1 Identifying Fuse Box Location and Wire Types

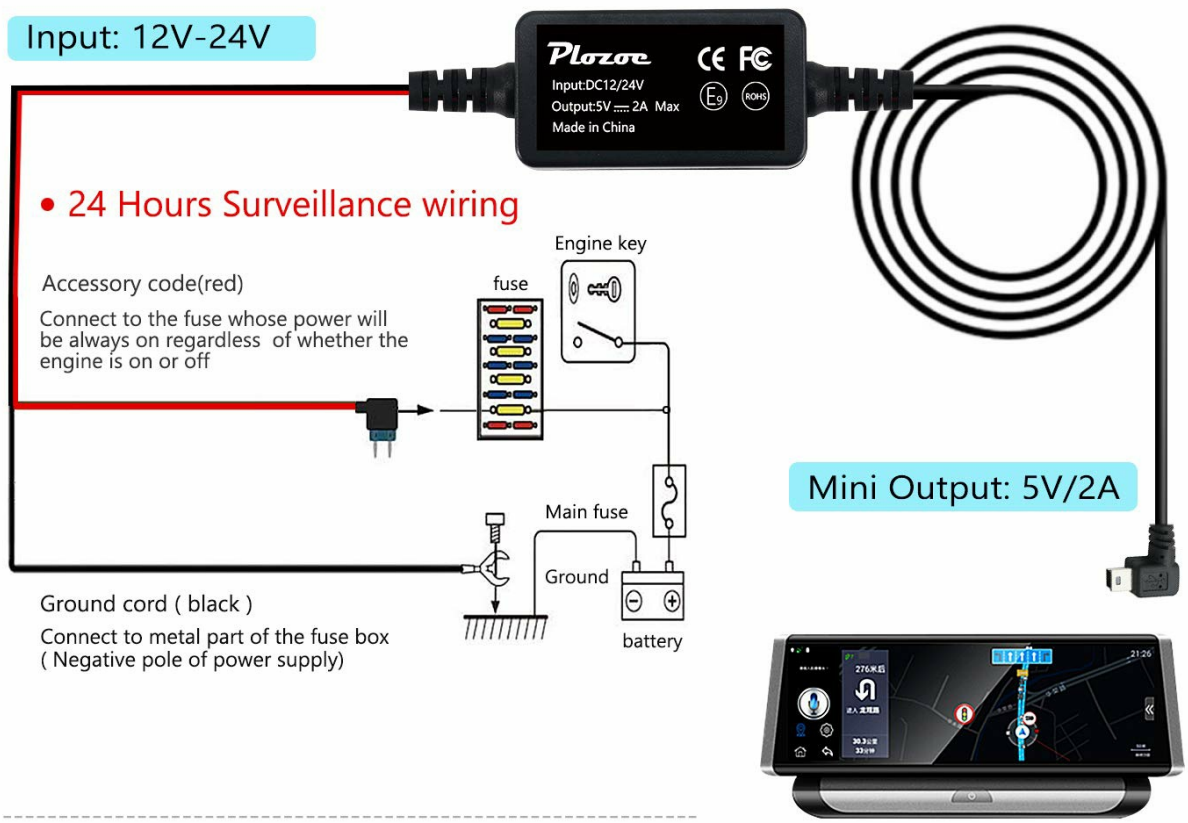
First, locate your vehicle's fuse box. This is typically found under the dashboard on the driver's side, in the glove compartment, or in the trunk near the battery. Use the included pry bar to carefully remove any panels covering the fuse box.

Image: An illustration showing a car's interior with an arrow pointing to the fuse box location, alongside various fuse tap types and the included pry bar.

The hardwire kit has three wires:

- **Red Wire (ACC):** Connects to a fuse that receives power only when the vehicle's ignition is on.
- **Yellow Wire (BAT):** Connects to a fuse that has constant power, even when the vehicle's ignition is off. This enables 24-hour surveillance.
- **Black Wire (GND):** Connects to a metal part of the vehicle's chassis for grounding.

Use a multimeter or a circuit tester to identify the correct fuse slots for the ACC and BAT wires. Consult your vehicle's owner's manual for the fuse diagram.



- If you don't have the experience on installing the hardwire kit for dash cam,please ask for the professional.

Image: A detailed wiring diagram illustrating how to connect the red (ACC), yellow (BAT), and black (GND) wires to the car's fuse box and chassis, respectively.

4.2 Connecting the Fuse Taps

Select the appropriate fuse tap cables from the package that match the size of your vehicle's fuses. Each fuse tap has two slots: one for the original fuse from your car and one for the new fuse for the dash cam.

Image: A diagram illustrating the correct placement of the original car fuse and the dash cam fuse into a fuse tap.

Connect the red (ACC) wire to the fuse tap for the ignition-switched fuse, and the yellow (BAT) wire to the fuse tap for the

constant power fuse. Insert the original fuse into the lower slot of the fuse tap and the new fuse (provided) into the upper slot.

4.3 Grounding the Kit

Connect the black (GND) wire to a metal bolt or screw on the vehicle's chassis. Ensure a secure connection for proper grounding.

Image: A close-up of the black ground wire connected to a metal bolt on the car's chassis.

4.4 Routing the Cable

Carefully route the Mini USB cable from the fuse box to your dash cam's mounting location. Use the included pry bar to tuck the cable neatly along the vehicle's trim, headliner, and A-pillar to keep it hidden and secure. Avoid interfering with airbags or other safety features.

4.5 Connecting to Dash Cam

Plug the Mini USB connector into your dash cam. If your dash cam uses a Type-C port, use the provided Mini USB female to Type-C male adapter cable.

Image: An illustration showing the Mini USB connector and its compatibility with dash cams, mirror cams, and GPS navigators.

4.6 Installation Videos

Video: This video from AZDOME provides a detailed guide on installing a dash cam hardwire kit, covering fuse identification and cable routing.

Video: A comprehensive installation guide for a dash camera hardwire kit by Range Tour US, demonstrating the step-by-step process.

Video: This video from Aimaskil demonstrates the installation process for a dash cam hardwire kit.

5. Operating Instructions

Once the hardwire kit is correctly installed, your dash cam will receive continuous power, enabling its parking mode and 24-

hour surveillance features.

5.1 24-Hour Surveillance / Parking Mode

The yellow (BAT) wire connection ensures that your dash cam remains powered even when the vehicle is turned off. This allows the dash cam to record events while parked, providing continuous monitoring. Refer to your dash cam's specific instruction manual to activate and configure its parking mode settings (e.g., motion detection, G-sensor, time-lapse recording).

Image: A dash cam mounted on a windshield, with a battery icon indicating 24-hour surveillance capability and automatic power disconnection at low voltage.

5.2 Low Voltage Protection

The hardwire kit features built-in low voltage protection. If your vehicle's battery voltage drops below 11.6V (for 12V systems) or 23.5V (for 24V systems), the kit will automatically cut off power to the dash cam. This prevents excessive battery drain, ensuring you have enough power to start your car.

Video: Range Tour US explains how to activate parking mode using BAT and ACC hardwire connections.

Video: Aimaskil demonstrates testing the low voltage protection

function of the hardwire kit.

Video: Range Tour US illustrates the 11.7V low voltage protection feature for the dash cam hardwire kit.

6. Maintenance

To ensure the longevity and reliable performance of your Plozoe Mini USB Hardwire Kit, consider the following maintenance tips:

- **Regular Checks:** Periodically inspect all connections (fuse taps, ground wire, Mini USB connector) to ensure they are secure and free from corrosion.
- **Cable Integrity:** Check the routed cable for any signs of wear, pinching, or damage. Ensure it remains tucked away from moving parts or sharp edges.
- **Fuse Replacement:** If your dash cam stops receiving power, check the fuses in the fuse taps. Replace any blown fuses with new ones of the same amperage.
- **Cleanliness:** Keep the fuse box area clean and free from dust or debris.

7. Troubleshooting

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

- **Dash Cam Not Turning On:**
  - Ensure both the red (ACC) and yellow (BAT) wires are correctly connected to their respective fuse slots and receiving power.
  - Check the fuses in the fuse taps. Replace if blown.
  - Verify the black (GND) wire has a secure connection to the vehicle's chassis.
  - Confirm the Mini USB connector is fully inserted into the dash cam.
- **Dash Cam Not Recording in Parking Mode:**
  - Ensure the yellow (BAT) wire is connected to a constant power fuse.
  - Check your dash cam's settings to ensure parking mode is enabled and configured correctly.
  - Verify the vehicle's battery voltage is above the low voltage cutoff threshold.
- **Vehicle Battery Drains Quickly:**
  - The hardwire kit has low voltage protection. If your battery is still draining, ensure the kit is functioning correctly.
  - Check for other accessories in your vehicle that might be drawing power while the engine is off.
  - Consider adjusting your dash cam's parking mode settings to reduce power consumption (e.g., shorter recording times, less sensitive motion detection).

8. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Plozoe website. Keep your purchase receipt as proof of purchase for any warranty claims.