

GKU GKU-MINIJYX

GKU Type-C Step-Down Cable for Dash Cams User Manual

Model: GKU-MINIJYX



1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of your GKU Type-C Step-Down Cable. This cable is designed to provide a stable power supply to compatible dash cameras, enabling features such as 24-hour parking monitoring and low voltage protection. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

2.1 Package Contents

- GKU Type-C Step-Down Cable (GKU-MINIJYX)
- Fuse Taps (various sizes, typically included for installation)

2.2 Key Features

- Low Voltage Protection:** Automatically cuts power to the dash camera if the vehicle battery voltage drops below 11.6V (or other specified threshold) to prevent battery drain.
- Type-C Connection:** Features a male Type-C connector for direct compatibility with dash cameras equipped with a Type-C power input.
- 4-Pin ACC Power Supply:** A 4-pin ACC power supply cable to ensure proper operation of the dash camera.
- 24-Hour Parking Monitoring:** This cable enables the dash camera to operate continuously even when the vehicle is parked.
- Durable Design:** Black cable color for discreet installation within the car's interior.

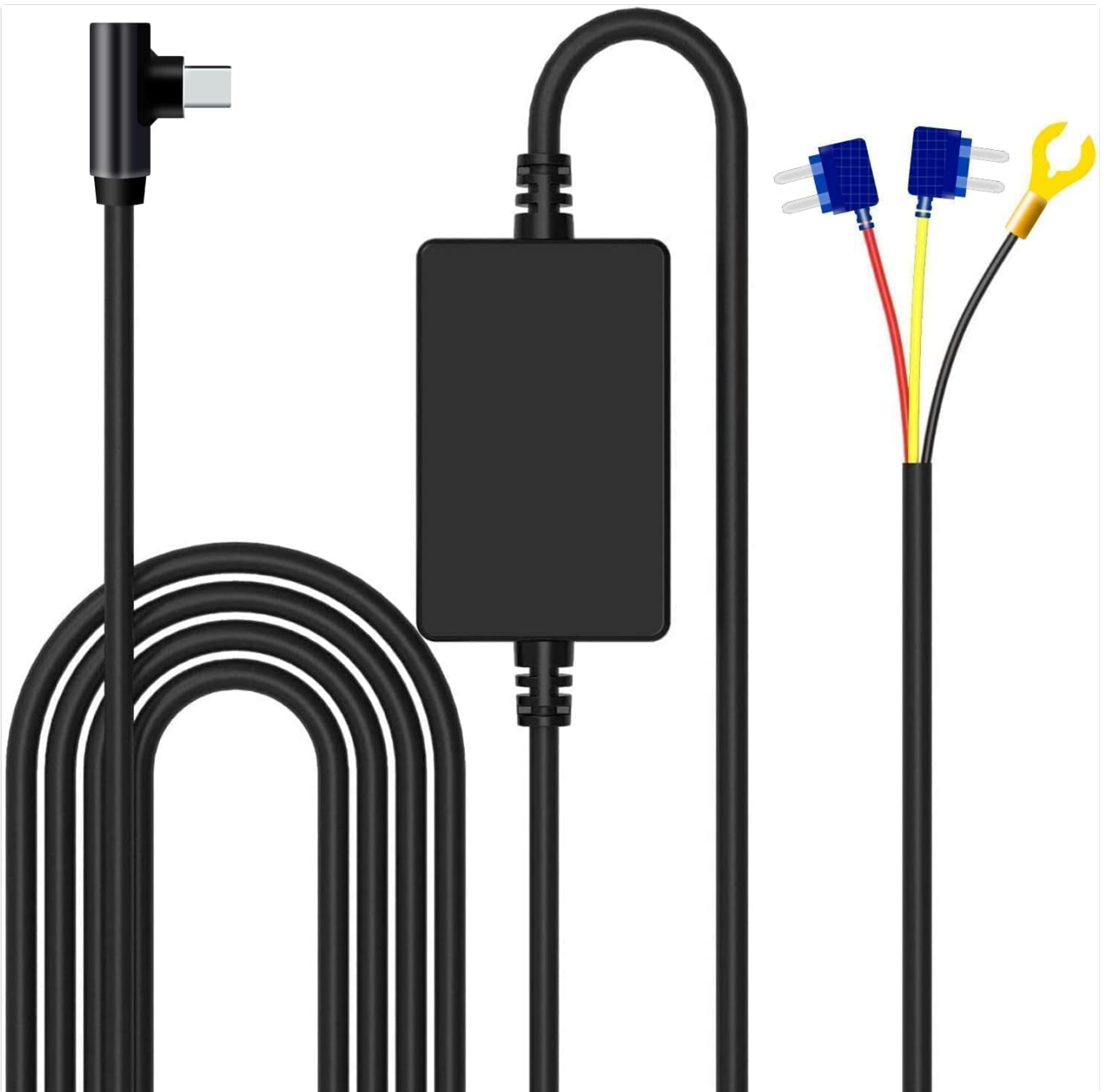


Image 1: GKU Type-C Step-Down Cable showing the Type-C connector, control box, and fuse tap wires.

低電圧保護機能

低電圧保護があるため、車バッテリー電圧が11.6V以下の状態で、自動で電源をカットします。



Image 2: Diagram illustrating the low voltage protection function and other safety features of the cable, including short circuit, overcurrent, overvoltage, high temperature, high voltage surge, and reverse input protection.

3. INSTALLATION INSTRUCTIONS

The GKU Type-C Step-Down Cable requires hardwiring to your vehicle's fuse box. Professional installation is recommended if you are unfamiliar with automotive electrical systems.

3.1 Safety Precautions

- Disconnect the vehicle's negative battery terminal before starting installation to prevent electrical shorts.
- Ensure all connections are secure and properly insulated.
- Consult your vehicle's owner's manual for fuse box location and fuse diagrams.
- Use appropriate fuse taps and fuses for your vehicle and dash camera's power requirements.

3.2 Wiring Diagram and Connections

1. **Red Wire (ACC):** Connect this wire to a fuse in your vehicle's fuse box that is only powered when the ignition is on (e.g., radio, cigarette lighter). Use a fuse tap for this connection.

2. **Yellow Wire (B+ / Constant Power):** Connect this wire to a fuse in your vehicle's fuse box that provides constant power, even when the ignition is off (e.g., hazard lights, interior lights). Use a fuse tap for this connection.
3. **Black Wire (Ground):** Securely connect this wire to a metal part of the vehicle's chassis that is unpainted, serving as a ground point.
4. **Type-C Connector:** Plug the Type-C connector from the step-down cable into the Type-C power input port of your compatible dash camera.



Image 3: Wiring diagram showing connections for the GKU Type-C Step-Down Cable to a dash camera and vehicle's power system. Yellow wire for constant power, red wire for ACC power, and black wire for ground. Illustrates how the cable enables 24-hour parking monitoring features like G-sensor and time-lapse recording.

3.3 Post-Installation Check

- Reconnect the vehicle's negative battery terminal.
- Start the vehicle and ensure the dash camera powers on correctly.
- Turn off the vehicle's ignition and remove the key. Verify that the dash camera switches to parking monitoring mode (if supported and configured).
- Check that the dash camera powers off completely after a set time or when the low voltage protection

activates, preventing battery drain.

4. OPERATING INSTRUCTIONS

This cable primarily manages power delivery to your dash camera. The specific operation of parking monitoring features will depend on your dash camera model.

4.1 Automatic Power Management

- When the vehicle's ignition is on, the cable provides continuous power to the dash camera.
- When the vehicle's ignition is off, the cable continues to supply power from the constant power line, enabling parking monitoring modes.
- The built-in low voltage protection will automatically cut power to the dash camera if the vehicle's battery voltage drops below a safe threshold (e.g., 11.6V for 12V systems) to protect the battery from complete discharge.

4.2 Parking Monitoring Modes

Refer to your dash camera's user manual for detailed instructions on configuring and using its parking monitoring features (e.g., G-sensor sensitivity, time-lapse recording settings).

5. MAINTENANCE

The GKU Type-C Step-Down Cable is designed for durability and requires minimal maintenance.

- Periodically check all cable connections to ensure they remain secure.
- Inspect the cable for any signs of wear, damage, or fraying. Replace if damaged.
- Keep the cable and its control box free from excessive moisture, dust, and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your GKU Type-C Step-Down Cable, refer to the following common problems and solutions:

- **Dash Camera does not power on:**
 - Check all cable connections (ACC, B+, Ground, Type-C) for proper seating.
 - Verify that the fuses used with the fuse taps are intact and correctly rated.
 - Ensure the vehicle battery has sufficient charge.
 - Test the dash camera with its original power adapter to rule out a camera issue.
- **Parking Monitoring does not activate:**
 - Confirm that the yellow (B+) wire is connected to a constant power source in the fuse box.
 - Check your dash camera's settings to ensure parking monitoring mode is enabled and configured correctly.
 - Verify that the vehicle battery voltage is above the low voltage cut-off threshold.
- **Vehicle battery drains quickly:**
 - Ensure the low voltage protection feature is functioning. If the battery is old or weak, the cut-off may occur sooner.

- Adjust your dash camera's parking mode settings (e.g., reduce recording duration, increase voltage cut-off threshold if adjustable by camera).
- Consider a dedicated dash cam battery pack for extended parking surveillance without draining the vehicle's main battery.

7. SPECIFICATIONS

Model Number	GKU-MINIJYX
Brand	GKU
Input Voltage	DC 12V / 24V (Vehicle Battery)
Output Voltage	5V
Output Current	3A
Connector Type	Type-C (Male)
Wiring	ACC (Red), Constant Power (Yellow), Ground (Black)
Low Voltage Protection	Yes (e.g., 11.6V for 12V systems)
Package Dimensions	15.2 x 6 x 5.9 cm
Weight	120 g


8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GKU website or contact GKU customer service directly. Keep your purchase receipt as proof of purchase.
GKU Official Store: [GKU Store on Amazon.co.jp](#)



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Related Documents - GKU-MINIJYX

	<p>GKU D600Pro Dash Cam User Manual</p> <p>User manual for the GKU D600Pro dash cam. Provides detailed instructions on installation, features, operation, and troubleshooting for enhanced vehicle safety and recording.</p>
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