Retoo M040

Retoo M040 Dual Dash Cam User Manual

Model: M040

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Retoo M040 Dual Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

Figure 1: Overview of the Retoo M040 Dual Dash Cam and its accessories, including the main unit, rear camera, car charger, and suction cup mount.

PACKAGE CONTENTS

- Retoo M040 Front Dash Cam Unit
- Rear Camera
- Car Charger
- Suction Cup Mount
- User Manual

SETUP AND INSTALLATION

1. Inserting the Micro SD Card

Before first use, insert a high-speed Micro SD card (Class 10 or higher, up to 32GB, not included) into the designated slot on the dash cam. Ensure the card is inserted correctly until it clicks into place. Format the SD card within the dash cam settings for optimal performance.

2. Mounting the Front Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam unit.
3. Press the suction cup firmly against the windshield and lock it into position. Adjust the camera angle to ensure a clear view of the road ahead.

Figure 2: The front dash cam unit securely mounted on the car's windshield, capturing the view of the road during daytime.

3. Installing the Rear Camera

Connect the rear camera to the main dash cam unit using the provided cable. Route the cable discreetly along the vehicle's interior trim. Mount the rear camera on the rear windshield or near the license plate, ensuring it has a clear view of the area behind the vehicle. For parking assistance, connect the rear camera's red wire to your car's reverse light power source (professional installation recommended).

Figure 3: Illustration of the rear camera's wide 170-degree viewing angle, useful for monitoring the area behind the vehicle, especially during parking maneuvers.

4. Power Connection

Connect the car charger to the dash cam's power input port and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket). The dash cam will automatically power on and begin recording when the vehicle starts, and power off when the vehicle is turned off.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The device powers on/off automatically with the car ignition. You can also manually press and hold the power button.
- **Recording:** Once powered on, the dash cam automatically starts loop recording. The front camera records in 1080P FHD.
- **Display:** The 4-inch LCD screen displays the live view from the front and/or rear camera. Use the 'MODE' button to switch between display modes (front only, rear only, picture-in-picture).

Figure 4: A user's hand interacting with the 4-inch LCD screen of the dash cam, demonstrating ease of access to controls.

Key Features

- **1080P FHD Recording:** Captures clear video footage from both front and rear cameras.
- **Infrared Night Vision:** Built-in infrared diodes enhance image quality in low-light conditions, allowing for clearer recordings at night.
- **G-Sensor (Motion Detection):** Automatically detects sudden impacts or collisions and locks the current video footage to prevent it from being overwritten.
- **Parking Monitor:** When the vehicle is parked and the dash cam detects a sudden shake or impact, it will automatically power on and record a short video, then power off. This feature requires a continuous power supply (e.g., hardwire kit, not included).
- **Loop Recording:** Continuously records video. When the memory card is full, the oldest unlocked files are automatically overwritten by new recordings.
- **Wide-Angle Lens:** The front camera features a 170-degree wide-angle lens, providing a broad view of the road.

Figure 5: The dash cam display showing the rear camera's view with overlaid parking assist guidelines, aiding in safe reversing.

MAINTENANCE

- **SD Card Formatting:** Regularly format the Micro SD card (at least once a month) to prevent data corruption and ensure smooth recording. This can be done through the dash cam's settings menu.
- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for extended periods, as this can affect battery life and device performance.

TROUBLESHOOTING

Problem	Solution
Dash cam does not power on.	Check the car charger connection and ensure the vehicle's 12V outlet is functioning. The internal battery is primarily for parking monitor and emergency recording, not continuous operation.

Problem	Solution
Recording stops or freezes.	Format the Micro SD card. Ensure you are using a Class 10 or higher SD card. Replace the SD card if the issue persists.
Video footage is blurry or unclear.	Clean the camera lenses. Ensure the protective film has been removed from the lenses. Check settings for resolution and exposure.
Rear camera is not displaying.	Check the connection cable between the front and rear cameras. Ensure it is securely plugged in.
G-Sensor is too sensitive/not sensitive enough.	Adjust the G-Sensor sensitivity setting in the dash cam's menu.

SPECIFICATIONS

- **Brand:** Retoo
- **Model Number:** M040
- **Screen Size:** 4 inches
- **Front Camera Resolution:** 1080P Full HD
- **Rear Camera:** Included
- **Lens Angle:** 170 degrees (Front)
- **Night Vision:** Infrared
- **Special Features:** G-Sensor, Parking Monitor, Loop Recording
- **Battery Composition:** Lithium-ion
- **Rechargeable Battery:** Yes
- **Power Source:** 12V Car Charger

Figure 6: Physical dimensions of the Retoo M040 Dash Cam, measuring approximately 11.5 cm in length and 6.2 cm in

WARRANTY INFORMATION

The Retoo M040 Dash Cam comes with a manufacturer's warranty of 1 year. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included in your package or contact Retoo customer support.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Retoo customer support. Contact information can typically be found on the product packaging or the official Retoo website.