Idatalink MD-8400

Momento M8 MAX Dash Camera User Manual

Model: MD-8400 | Brand: Idatalink

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Momento M8 MAX Dash Camera Kit (MD-8400). The M8 MAX is a 3-channel 4K UHD dash camera system featuring dual 5.0GHz Wi-Fi, GPS, and a Sony IMX image sensor, designed to capture high-quality video footage of your journeys and provide 24/7 vehicle protection.

Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience.

Image 1.1: Momento M8 MAX Dash Camera Kit, showing the main front camera unit, rear camera, and product packaging.

2. What's Included

Verify that all components are present in the package:

- M8 Front 4K Dash Camera with Built-in Dual 5.0GHz Wi-Fi + GPS
- FHD Rear Camera with Installation Cable
- Hardwire Installation Harness
- 64GB Micro SD Card with SD Card Adapter
- Mount
- 2-Year Warranty Information

Image 2.1: Front view of the Momento M8 MAX dash camera, highlighting the lens and compact design.

3. KEY FEATURES

- **4K UHD (2160p) Image Resolution:** Records sharp, detailed footage for clear evidence.
- **Front and Rear Cameras:** Provides comprehensive coverage of your vehicle's surroundings.
- **30 Frames per Second:** Ensures smooth video capture.
- **Sony IMX Image Sensor:** Enhances image quality, especially in low-light conditions.
- **64GB Micro-SD Card Included:** Ample storage for recorded footage. Supports up to 256GB.
- **ECO Parking Mode Battery Saving Technology:** Activates automatically when motion or impact is detected while parked, conserving battery.
- **Voice Control:** Allows hands-free operation of certain functions.
- **Dual 5.0GHz Wi-Fi Smartphone Connectivity:** Enables direct download of footage and live viewing via the Momento App.
- **Built-in GPS:** Records location and speed data with video footage.

4. SETUP AND INSTALLATION

4.1 Preparing the MicroSD Card

Before first use, insert the included 64GB MicroSD card into the designated slot on the main dash camera unit. Ensure the card is inserted correctly until it clicks into place. It is recommended to format the MicroSD card periodically through

the Momento App or the dash camera's settings to maintain optimal performance.

Image 4.1: Side view of the Momento M8 MAX dash camera, indicating the MicroSD card slot.

4.2 Mounting the Front Camera

1. Clean the windshield area where the camera will be mounted. Ensure it is free of dust and grease.
2. Attach the mount to the front camera.
3. Peel off the protective film from the adhesive pad on the mount.
4. Firmly press the mount onto the chosen location on your windshield, ideally behind the rearview mirror to avoid obstructing your view. Hold for at least 30 seconds.
5. Adjust the camera angle to ensure a clear view of the road ahead.

4.3 Installing the Rear Camera

1. Determine the optimal mounting location for the rear camera, typically on the rear windshield.
2. Route the rear camera's installation cable from the front camera to the rear of the vehicle, tucking it neatly along the headliner and pillar trim.
3. Connect the rear camera cable to the main front camera unit.
4. Mount the rear camera using its adhesive pad, ensuring a clear view through the rear window.

4.4 Power Connection (Hardwire Installation)

The M8 MAX includes a hardwire installation harness for continuous power and parking mode functionality. Professional installation is recommended for hardwiring.

1. Connect the ACC (Accessory) wire of the harness to a fuse that is active only when the ignition is on.
2. Connect the BATT (Battery) wire to a constant power fuse (always active).
3. Connect the GND (Ground) wire to a metal part of the vehicle chassis.
4. Plug the hardwire harness into the main dash camera unit.

4.5 Momento App Connection

1. Download the "Momento" app from your smartphone's app store (iOS or Android).

2. Turn on your vehicle's ignition to power the dash camera.

3. On your smartphone, go to Wi-Fi settings and connect to the dash camera's Wi-Fi network (SSID and password can be found on the camera or in the quick start guide).

4. Open the Momento App. The app should automatically detect and connect to the dash camera.

Image 4.2: Momento App interface on a smartphone, displaying live view and menu options.

5. OPERATING INSTRUCTIONS

5.1 Automatic Recording

Once powered on, the Momento M8 MAX will automatically begin continuous loop recording. Older files will be overwritten when the MicroSD card is full, unless they are protected (event recordings).

5.2 Event Recording (G-Sensor)

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration. When an event is detected, the current video segment will be automatically locked and saved to prevent overwriting.

5.3 Parking Mode (ECO Battery Saving Technology)

With the hardwire kit installed, the dash camera will automatically switch to parking mode when the vehicle's ignition is turned off. In ECO Parking Mode, the camera consumes minimal power and activates recording only when motion or impact is detected, providing 24/7 surveillance.

5.4 Voice Control

The M8 MAX supports voice commands for certain operations. Refer to the quick start guide or Momento App for a list of available voice commands.

5.5 Using the Momento App

The Momento App provides full control and access to your dash camera:

- **Live View:** Stream real-time video from the front and rear cameras to your smartphone.
- **Gallery:** Browse, play back, and download recorded video footage directly to your phone.
- **Settings:** Adjust camera settings such as video resolution, G-sensor sensitivity, parking mode options, and Wi-Fi settings.
- **Firmware Updates:** The app can notify you of and facilitate firmware updates for your dash camera.

Image 5.1: Top view of the Momento M8 MAX dash camera, showing the Wi-Fi and manual recording buttons.

6. MAINTENANCE

6.1 MicroSD Card Management

Regularly format the MicroSD card (at least once a month) to prevent data corruption and ensure optimal recording performance. This can be done through the Momento App. Replace the MicroSD card if you experience frequent recording errors or data loss.

Image 6.1: The included Momento 64GB MicroSD card.

6.2 Cleaning the Lenses

Use a soft, lint-free cloth to gently wipe the camera lenses. Avoid using abrasive cleaners or solvents that could damage the lens coating.

6.3 Firmware Updates

Check the Momento App periodically for available firmware updates. Keeping your dash camera's firmware up-to-date ensures access to the latest features and performance improvements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	Loose power connection, vehicle power issue.	Check all power cable connections. Ensure vehicle's ignition is on if not hardwired to constant power. Verify fuse connections if hardwired.
Recording stops or freezes.	MicroSD card error, full card, or incompatible card.	Format the MicroSD card via the app. If issues persist, try a new, high-quality MicroSD card (Class 10 or higher, U3 recommended).
Wi-Fi connection issues.	Incorrect password, too far from camera, app issue.	Ensure you are within close proximity to the camera. Re-enter Wi-Fi password. Restart the camera and the app.
Poor video quality.	Dirty lens, low light, incorrect resolution setting.	Clean the camera lens. Ensure sufficient lighting. Check video resolution settings in the Momento App (4K for front, 1080p for rear).
No GPS signal.	Obstructed view of sky, camera not properly positioned.	Ensure the camera has a clear view of the sky. Avoid mounting near metallic tints or other signal-blocking materials.

For further assistance, please refer to the Momento App's help section or contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	Momento M8 MAX MD-8400
Front Camera Resolution	4K UHD (2160p) @ 30fps
Rear Camera Resolution	FHD (1080p) @ 30fps
Image Sensor	Sony IMX Sensor
Viewing Angle	Up to 270° (Front + Rear)
Wi-Fi Connectivity	Dual 5.0GHz Wi-Fi
GPS	Built-in
Parking Mode	ECO Battery Saving Technology (Motion/Impact Detection)
Voice Control	Yes
Included MicroSD Card	64GB (Supports up to 256GB)
Power Connection	Hardwire Installation Harness
Dimensions	5 x 5 x 3 inches
Item Weight	1.2 pounds

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Momento M8 MAX Dash Camera Kit (MD-8400) comes with an industry-leading **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product performs as specified under normal use. Please retain your proof of purchase for warranty claims.
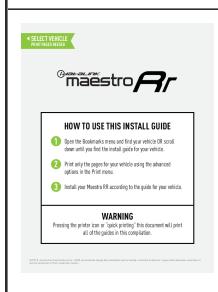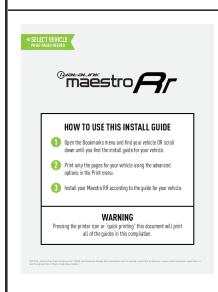
9.2 Customer Support

For technical support, troubleshooting assistance, or warranty inquiries, please contact Idatalink customer service. You can also find helpful resources and FAQs within the Momento App.

Manufacturer: Momento
Brand: Idatalink

For the most up-to-date support contact information, please visit the official Idatalink or Momento website.

Related Documents - MD-8400

[iDatalink Maestro RR Install Guide for Chevrolet Camaro (2010-2015)](#)
Comprehensive installation guide for the iDatalink Maestro RR and CAM1 Dash Kit in 2010-2015 Chevrolet Camaros, detailing dash disassembly, wiring, and module diagnostics.

[iDatalink Maestro RR Install Guide for Volkswagen Arteon](#)
Comprehensive installation guide for the iDatalink Maestro RR and HRN-HRR-VW2 harness in 2019-2023 Volkswagen Arteon vehicles without an amplifier. This guide details wiring, connections, and troubleshooting for retaining steering wheel controls, factory amplifier, and analog outputs.

[iDatalink Maestro RR Installation Guide for Toyota Vehicles](#)
Comprehensive guide for installing the iDatalink Maestro RR and RR2 modules in select Toyota vehicles (4Runner, Avalon, C-HR, Corolla, Highlander, RAV4). Learn to retain steering wheel controls and backup cameras when upgrading your car audio system.

[iDatalink Maestro RR Install Guide for Buick Enclave](#)
Comprehensive installation guide for the iDatalink Maestro RR and RR2 modules in 2008-2017 Buick Enclave vehicles. Learn how to retain steering wheel controls, OnStar, Bluetooth, and more.

[iDatalink Maestro RR Installation Guide for Chrysler 300, Dodge Challenger & Charger](#)
This installation guide provides step-by-step instructions for installing the iDatalink Maestro RR or RR2 radio replacement interface and CHA1 dash kit in select Chrysler 300, Dodge Challenger, and Dodge Charger models. Includes wiring diagrams, troubleshooting, and setup information.

[iDataLink ADS-AL(DL)-FM4-EN Doorlock Interface Installation Guide for Ford Vehicles](#)
Comprehensive installation guide for the iDataLink ADS-AL(DL)-FM4-EN doorlock interface module, providing detailed wiring diagrams, programming procedures, and vehicle compatibility for various Ford models.