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› Motorola MDC300 Dash Cam User Manual

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Motorola MDC300 Dash Cam User Manual

Model: MDC300

1. INTRODUCTION

The Motorola MDC300 Dash Cam is designed to record your car journeys, providing an extra layer of security on the road. The recorded footage can be invaluable for documenting events and identifying the cause of incidents. This manual provides detailed instructions on how to set up, operate, and maintain your dash cam.

Key features of your MDC300 Dash Cam include:

- Full HD 1080p @ 30 fps video recording.
- Integrated Wi-Fi for wireless video synchronization and sharing via the Hubble app.
- Built-in GPS for tracking time, location, and speed.
- 3-inch LCD color screen for easy operation and playback.
- 150-degree wide viewing angle to capture a broad perspective of the road.
- G-sensor for automatic collision detection and incident recording.
- Low-lux sensor for superior night vision.
- Parking monitoring functionality to record events while parked.
- Advanced Driver Assistance Systems (ADAS) such as Lane Departure Warning and Forward Collision Warning.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Motorola MDC300 Dash Camera
- Window Mount (Suction Cup Type)
- 24-12V Car Charger with 3.5m Cable
- User Manual

Note: A Micro SD card (up to 32 GB) is required for recording and is not included in the package.

3. PRODUCT OVERVIEW



Front view of the Motorola MDC300 Dash Cam, showing the main lens, the textured black casing, and the Motorola 'M' logo. The camera has a compact, rectangular design with rounded edges.

Familiarize yourself with the various parts of your dash cam:

- **Front Lens:** Captures video footage with a 150-degree wide-angle view.
- **3-inch LCD Screen:** Displays live view, recorded videos, and menu options.
- **Power Button:** Turns the device on/off.
- **Menu Button:** Accesses settings and options.
- **Navigation Buttons:** Used for menu navigation and selection.
- **Micro SD Card Slot:** Insert your Micro SD card here for storage.
- **USB Port:** For power connection and data transfer.
- **Speaker/Microphone:** Integrated for audio recording and playback.

4. SETUP

4.1 Installing the Micro SD Card

1. Ensure the dash cam is powered off.
2. Locate the Micro SD card slot on the side or bottom of the device.
3. Insert a compatible Micro SD card (Class 10 or higher, up to 32 GB) into the slot until it clicks into place.
4. To remove, gently push the card in until it clicks, then release.

4.2 Mounting the Dash Cam

1. Clean the area on your windshield where you intend to mount the dash cam.
2. Attach the suction cup mount to the dash cam.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.

4. Adjust the angle of the dash cam to ensure a clear view of the road ahead, avoiding obstruction of your driving view.

4.3 Connecting to Power

1. Connect the small end of the car charger cable to the USB port on the dash cam.
2. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. The dash cam will automatically power on and begin recording when your vehicle starts.

5. OPERATING INSTRUCTIONS

5.1 Basic Recording

The MDC300 automatically starts loop recording when powered on. Video segments are typically 1, 3, 5, or 10 minutes long. When the Micro SD card is full, the oldest unlocked files will be overwritten by new recordings.

- **Manual Recording:** Press the Record button to manually start/stop recording.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will automatically trigger an emergency recording. These files are locked and will not be overwritten by loop recording.

5.2 Wi-Fi and App Connectivity (Hubble App)

The MDC300 features Wi-Fi connectivity, allowing you to connect your smartphone via the Hubble app for wireless video management.

1. Download the Hubble app from your smartphone's app store.
2. Turn on Wi-Fi on your dash cam via the settings menu.
3. On your smartphone, connect to the dash cam's Wi-Fi network (SSID and password will be displayed on the dash cam screen).
4. Open the Hubble app to view live footage, browse recorded videos, download files to your phone, and adjust settings.

5.3 GPS Functionality

The integrated GPS receiver automatically records your vehicle's location, speed, and time data. This information is embedded in the video files and can be viewed during playback on the dash cam or through the Hubble app/compatible computer software.

5.4 Parking Monitoring

With its internal 250 mAh battery, the MDC300 can monitor your vehicle even when parked. If the G-sensor detects an impact while the vehicle is off, the dash cam will automatically power on and record a short video clip.

5.5 Advanced Driver Assistance Systems (ADAS)

The MDC300 includes ADAS features to enhance driving safety:

- **Lane Departure Warning (LDW):** Alerts you if your vehicle drifts out of its lane without signaling.
- **Forward Collision Warning (FCW):** Warns you if you are approaching the vehicle in front too quickly or too closely.

These features can be enabled or disabled in the dash cam's settings menu.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the dash cam's body and lens. Do not use liquid cleaners or solvents.
- **SD Card Management:** Regularly format your Micro SD card (at least once a month) to ensure optimal performance.

and prevent data corruption. Back up important files before formatting.

- **Storage:** Store the dash cam in a cool, dry place away from direct sunlight when not in use, especially in extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable; low battery.	Check car charger connection; try a different USB cable/power source; charge the battery.
Recording stops or freezes.	SD card full or corrupted; slow SD card; overheating.	Format the SD card; use a Class 10 or higher SD card; ensure proper ventilation.
Wi-Fi connection issues.	Incorrect password; too far from device; app issues.	Verify Wi-Fi password; ensure close proximity; restart app/device.
GPS not acquiring signal.	Obstructed view of sky; in a tunnel/garage.	Move to an open area; wait for signal acquisition.
Poor video quality at night.	Dirty lens; extreme low light conditions.	Clean the lens; ensure headlights are on.

8. SPECIFICATIONS

Feature	Detail
Model Name	MDC300
Item Model Number	728310100002
Video Recording Resolution	1080p Full HD @ 30 fps
Viewing Angle	150 degrees
Screen Size	3 Inches LCD
Connectivity	Wi-Fi, USB
Special Features	Night Vision, G-Sensor, GPS, Parking Monitoring, ADAS (LDW, FCW)
Battery Type	Lithium-ion (250 mAh)
Max. Micro SD Card Support	32 GB (Class 10 or higher)
Mounting Type	Suction Cup
Color	Black
Manufacturer	EDCO Eindhoven B.V.
Country of Origin	Hong Kong

9. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Motorola website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about spare parts, please visit the official Motorola support website or contact their customer service. Keep your purchase receipt and product model number (MDC300) handy when seeking support.

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