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> MASO Dual Lens Dash Cam User Manual

MASO mtx 7.0

MASO Dual Lens Dash Cam User Manual

Model: mtx 7.0

1. INTRODUCTION

Thank you for purchasing the MASO Dual Lens Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure proper functionality and to maximize your driving safety and recording experience.

2. PRODUCT OVERVIEW

2.1 Package Contents

The following items are included in your package:

- 1 x MASO Car DVR (Dash Cam)
- 1 x Car Charger
- 1 x Bracket (for mounting)
- 1 x Rear View Camera
- 1 x User Manual



Image: All components included in the MASO Dual Lens Dash Cam package.

2.2 Key Features

- **Dual Lens Recording:** Simultaneously records front (1080P) and rear (720P) views.
- **High-Resolution Wide-Angle Lens:** Front camera features a 170-degree wide-angle lens with 6-glass elements for clear, comprehensive coverage.
- **4.0" HD IPS Touch Screen:** Provides a clear interface for viewing and settings adjustment.
- **24-Hour Parking Monitoring:** Automatically records when shocking is detected, even when the vehicle is parked.
- **Built-in G-Sensor:** Detects sudden movements or collisions and automatically locks the current video footage to prevent overwriting.
- **WDR & HDR Support:** Enhances video quality in varying light conditions.
- **Seamless Loop Recording:** Overwrites the oldest unlocked footage when the memory card is full, ensuring

continuous recording.

- **Night Vision:** Enhanced recording capabilities in low-light conditions.



Image: The MASO Dual Lens Dash Cam with its main components and display.



Wide field of vision, Put an end to dead corner
170° Wide Angle & Ultra HD Video



Image: Illustration of the 170-degree wide-angle view and day/night recording capabilities.

3. SETUP AND INSTALLATION

- 1. Prepare Memory Card:** Insert a Class 10 or higher TF card (up to 32GB, not included) into the dash cam's TF card slot. Format the card within the dash cam's settings before first use.
- 2. Mount the Front Dash Cam:**
 - Attach the suction cup bracket to the dash cam.
 - Clean the windshield area where you intend to mount the dash cam.
 - Press the suction cup firmly against the windshield and lock it in place. Position the camera to ensure a clear view of the road ahead without obstructing your driving view.
- 3. Install the Rear View Camera:**
 - Connect the rear view camera cable to the AV input port on the main dash cam unit.
 - Route the cable neatly along the vehicle's interior trim to the rear of the vehicle.

- Mount the rear camera on the rear windshield or near the license plate area, ensuring it has a clear view. The rear camera is waterproof.

4. **Connect Power:**

- Plug the car charger into your vehicle's cigarette lighter socket.
- Connect the other end of the car charger cable to the Micro USB port on the dash cam.
- The dash cam will automatically power on and begin recording when the vehicle's ignition is turned on.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** The device powers on automatically with vehicle ignition and powers off after ignition is turned off. You can also manually power on/off by pressing and holding the power button.
- **Recording:** Once powered on, the dash cam automatically starts loop recording. A red dot or similar indicator on the screen confirms recording is active.
- **Playback:** Access recorded videos and photos through the playback mode on the touch screen.
- **Settings:** Navigate through the menu using the touch screen to adjust settings such as video resolution, loop recording duration, G-sensor sensitivity, date/time, etc.

4.2 Key Functions

- **Loop Recording:**
The dash cam records video in continuous loops (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked video files are automatically overwritten. Ensure this feature is enabled in settings for continuous recording.

Seamless Loop Recording

the current video will cover the previous files even the storage is full, then you will not miss any important data.



Image: Seamless Loop Recording ensures continuous video capture.

- **G-Sensor (Gravity Sensor):**

In the event of a sudden impact or collision, the built-in G-sensor will detect the event and automatically lock the current video file, preventing it from being overwritten by loop recording. This ensures critical footage is preserved. Adjust sensitivity in settings.

Gravity sensor, Emergency save

when Gravity Sensor detects a collision, the current video is locked, important footage is protected, which bring you a safe driving experience.



Image: G-sensor automatically locks important footage during an event.

- **Parking Monitoring:**

When enabled, the dash cam will automatically turn on and record a short video (e.g., 30 seconds) if it detects a shock or vibration while the vehicle is parked. This feature requires a continuous power supply or the dash cam's internal battery to be charged.

24 Hours Parking Monitoring

When shocking is detected, the car cam will turn on and take a 30 seconds video.



Image: The dash cam's 24-hour parking monitoring feature in action.

- **WDR (Wide Dynamic Range) & HDR (High Dynamic Range):**

These technologies help the camera capture clearer video in challenging lighting conditions, such as strong backlight or very dark areas, by balancing exposure.

5. MAINTENANCE

- **Memory Card Formatting:** It is recommended to format the TF card regularly (e.g., once a month) within the dash cam's settings to prevent data corruption and ensure optimal performance. Back up any important files before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the dash cam's lens and screen. Do not use abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures (very hot or very cold) for extended periods, as this can affect battery life and device performance.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to improve performance and add new features.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty car charger; dead internal battery.	Check car charger connection and vehicle's cigarette lighter socket. Ensure vehicle ignition is on. Charge the dash cam's internal battery. Try a different car charger.
"Card Full" error or stops recording.	Memory card is full; loop recording is off; too many locked files.	Format the TF card. Ensure loop recording is enabled in settings. Delete unnecessary locked files. Use a higher capacity TF card (up to 32GB).
Video footage is blurry or unclear.	Protective film on lens; dirty lens; incorrect focus.	Remove any protective film from the lens. Clean the lens with a soft cloth. Ensure the lens is not obstructed.
Dash cam freezes or crashes.	Memory card issue; firmware issue; power fluctuation.	Format the TF card. Reset the device using the reset button (if available). Update firmware if a new version is available.
Rear camera not displaying.	Loose connection; faulty camera/cable.	Check the connection of the rear camera cable to the main unit. Ensure the cable is not damaged.

7. SPECIFICATIONS

Feature	Detail
LCD Screen Size	4.0" HD Touch IPS screen
Lens	170° high-resolution wide-angle (Front)
Video Resolution (Front)	1080P (1920*1080), 720P (1280*720)
Video Resolution (Rear)	720P (840*480)
Video Format	MOV (H.264)
Image Resolution	12M / 8M / 5M / 3M
Picture Format	JPG
Memory Card Support	TF card (Class 10 or above, up to 32GB, not included)
Microphone / Speaker	Built-in
Power Port	Micro USB
Input Power	DC5V 1500mA
Battery	400mAh (installed)
Special Features	Loop Recording, G-Sensor, Night Vision, Parking Monitoring, WDR/HDR
Item Weight	14.9 ounces
Package Dimensions	9.92 x 6.22 x 2.87 inches

8. WARRANTY AND SUPPORT

The MASO Dual Lens Dash Cam comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any inquiries regarding your product, please contact MASO customer service through the retailer's platform or the official MASO website. Please have your purchase details and product model number (mtx 7.0) ready when contacting support.

For more information, you may visit the [MASO Store on Amazon](#).