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AUTO-VOX X7

AUTO-VOX X7 Mirror Dash Cam Instruction Manual

Model: X7

1. PRODUCT OVERVIEW

The AUTO-VOX X7 is a 12-inch mirror-type dash cam featuring front and rear 2K resolution cameras. It offers a wide 170° viewing angle and integrates GPS, G-sensor, and parking surveillance functions. Designed for clear recording day and night, it supports LED traffic signals and provides a streamlined wiring solution.



Image: Overview of the AUTO-VOX X7 Mirror Dash Cam, highlighting its 12-inch display, 2K front and rear cameras, and integrated GPS.

2. SETUP AND INSTALLATION

The AUTO-VOX X7 features a separated front camera design, allowing for flexible installation without obstructing the sun visor or interfering with automatic braking systems. The main unit connects via a single Type-C cable, simplifying in-car wiring. The GPS module is integrated into the front camera for improved signal reception.

2.1 Front Camera Installation

The front camera is separate from the mirror unit, offering greater flexibility in placement. Mount it on the windshield in a position that does not obstruct your view or interfere with vehicle sensors.



Image: Illustration of the separated front camera design, demonstrating how it avoids common obstructions.

2.2 Rear Camera Installation

The rear camera is IP68 waterproof, allowing for both interior and exterior installation. It can be mounted inside the rear window using adhesive tape or externally above the license plate using the provided bracket. The camera supports vertical and horizontal image flipping for correct orientation.

取付場所に迷うことなく

車内・車外の取付可能 (リアカメラはIP68防水性能搭載で、車内車外両方でも取付可能です。)



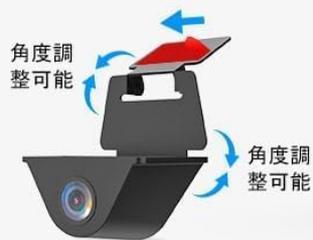
上下・左右鏡像設定可能

リアカメラは上下鏡像+左右鏡像同時に設定可能で、取付場所の選択に迷うことがありません。



車内設置 (リアカメラは両面テープでリア窓内側の設置)

- 貼り付けるだけ、取付簡単



- 車外設置 ナンバープレート上部に設置



Image: Detailed guide for rear camera installation, showing options for interior and exterior mounting and image adjustment.

2.3 Wiring

Connect the main mirror unit to the power source using the single Type-C cable. The front camera, with its integrated GPS, connects directly to the main unit. The rear camera connects via its dedicated cable, which should be routed carefully to avoid interference.

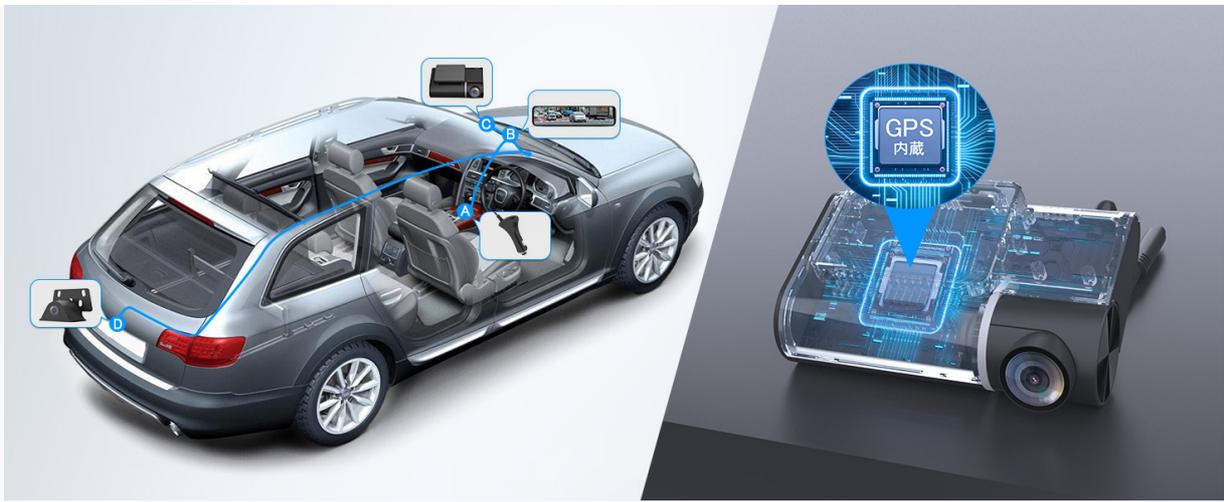


Image: Wiring diagram for the AUTO-VOX X7, showing connections for the main unit, front camera (with GPS), and rear camera.

3. OPERATING INSTRUCTIONS

The AUTO-VOX X7 features an intuitive touch panel for easy control of various functions.

3.1 Basic Operations

- **Power On/Off:** The device automatically powers on and off with the vehicle's ignition.
- **Recording:** Continuous loop recording starts automatically when the device is powered on.
- **Screen Display:** Swipe up/down on the touch screen to adjust zoom. Swipe left/right to switch between front and rear camera views.
- **Reverse Line Adjustment:** Adjust the angle of the reverse guidelines on the screen for precise parking assistance.



Image: Touch panel operations, including zoom, camera switching, and reverse line adjustment.

3.2 Advanced Features

- **2K Resolution:** Both front and rear cameras record in 2K, providing clear and detailed footage.
- **WDR/HDR Technology:** Wide Dynamic Range (WDR) and High Dynamic Range (HDR) technology ensure clear images in varying light conditions, preventing overexposure and underexposure. This is particularly effective for night vision and when entering/exiting tunnels.
- **STARVIS Technology:** Enhances night vision performance, allowing for bright and clear recordings even in low-light environments.

- **GPS Module:** The integrated GPS records driving routes, real-time speed, and location data (latitude/longitude).
- **G-Sensor:** Automatically detects impacts and sudden movements, locking the current video file to prevent overwriting.
- **Parking Surveillance:** Provides 48-hour parking monitoring, automatically recording when an impact is detected.
- **LED Signal Support:** Designed to minimize flickering when recording LED traffic signals.
- **Loop Recording:** Continuously records, overwriting the oldest files when the memory card is full.
- **Voice Recording:** Supports audio recording during video capture.

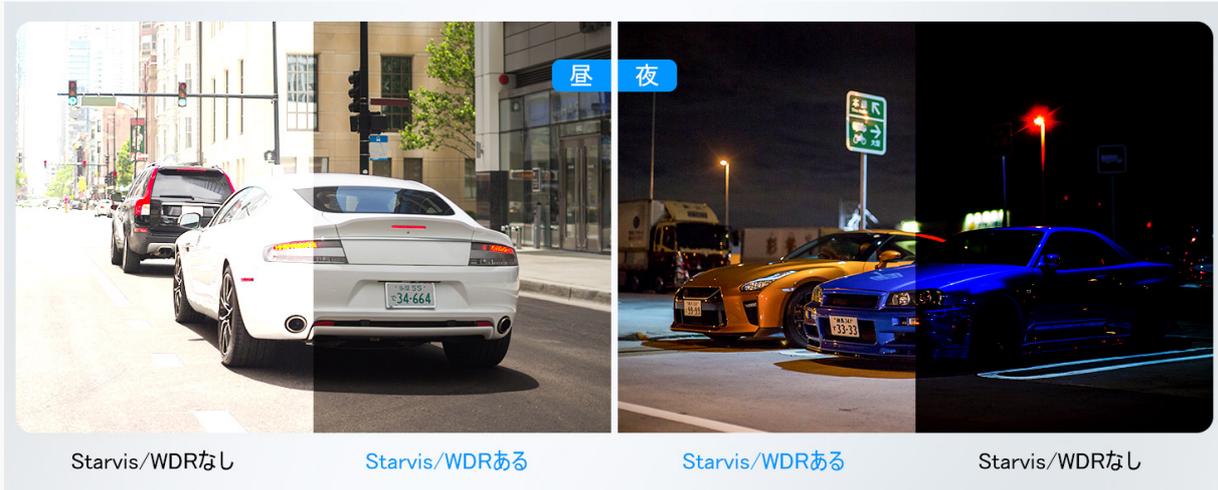


Image: Demonstrates the clarity of day and night recordings, enhanced by STARVIS and WDR technologies.



Image: Visual representation of the 48-hour parking surveillance feature, activating upon impact detection.

4. MAINTENANCE

To ensure optimal performance and longevity of your AUTO-VOX X7 dash cam, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning cloth to gently wipe the screen and camera lenses. Avoid abrasive materials or harsh chemicals.
- **Memory Card:** Regularly format the memory card (at least once a month) to prevent data corruption and ensure smooth recording. Use a high-quality, high-speed memory card.
- **Firmware Updates:** Check the official AUTO-VOX website periodically for firmware updates to improve performance and add new features.

- **Temperature:** The device utilizes a supercapacitor, providing stable power supply even in extreme temperatures, unlike traditional batteries. However, avoid prolonged exposure to direct sunlight in extremely hot conditions when the vehicle is parked.

5. TROUBLESHOOTING

If you encounter any issues with your AUTO-VOX X7, refer to the following common troubleshooting tips:

- **Device Not Powering On:** Ensure the power cable is securely connected to both the dash cam and the car charger. Check the car's power outlet for functionality.
- **Recording Issues:** Format the memory card. If the issue persists, try a different compatible memory card. Ensure loop recording is enabled.
- **G-Sensor Too Sensitive:** If the G-sensor frequently locks video files during normal driving, adjust the sensitivity setting to a lower level in the device's menu.
- **LED Signal Flickering:** While the device supports LED signal countermeasures, some flickering may occur during daytime recording due to frequency differences in certain regions. This is generally less noticeable or resolved in night recordings.
- **GPS Signal Loss:** Ensure the front camera (which houses the GPS module) has a clear view of the sky. Avoid placing objects that might block the signal.
- **Screen Reflection:** During daytime, reflections on the inner mirror might obscure the display. Slightly tilting the mirror downwards can often resolve this.

For further assistance, please contact customer support as detailed in the Warranty and Support section.

6. SPECIFICATIONS

Feature	Specification
Screen Size	12 inches
Color	Black
Brand Name	AUTO-VOX
Manufacturer	AUTO-VOX
Product Model Number	X7
Other Features	360-degree view, G-sensor, Built-in GPS, Night Vision, Blind Spot Detection
Video Capture Resolution	1440p (2K)
Mounting Type	Adhesive Mount
Product Dimensions	34 x 13 x 8.1 cm
Item Weight	1.29 kg
Display Type	LCD
Control Method	Touch

6.1 Included Components

- Dash cam main unit
- Front camera
- Rear camera
- Cables (video cable, Type-C power cable)
- Car charger
- Rubber bands for mounting
- Rear camera bracket
- Adhesive tape for rear camera
- Cleaning cloth
- Driver tool
- 3M adhesive tape for front camera
- Cable clips



本体



フロントカメラ
(GPS内蔵)



リアカメラ



ビデオケーブル



カーチャージャー



TypeC
電源ケーブル



リアカメラ
用ブラケット



取扱説明書



固定用バンド



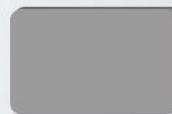
バックカメラ
用粘着テープ



クリーニングクロス



ドライバー



フロントカメラ
用3M粘着テープ



ケーブルクリップ

Image: All components included in the AUTO-VOX X7 package.

7. WARRANTY AND SUPPORT

The AUTO-VOX X7 comes with an **18-month warranty**. We also offer **24-hour customer support** to assist with any product questions or concerns.

To claim warranty service or for support inquiries, please refer to the contact methods provided on the last page of your physical instruction manual. Please note that the 18-month warranty is applicable only for

purchases made from the seller I-Carmore.

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