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Aramox B0G1V1M7BX

Aramox 4K Front and Rear Motorcycle Dash Cam User Manual

Model: B0G1V1M7BX

1. Introduction

Thank you for choosing the Aramox 4K Front and Rear Motorcycle Dash Cam. This device is designed to enhance your riding experience by providing high-definition video recording, navigation, and communication features. It features a 6.25-inch IPS touchscreen, IP67 waterproof rating, GPS, dual Bluetooth connectivity, and voice control. This manual provides essential information for the proper installation, operation, and maintenance of your dash cam.

2. Package Contents

Please verify that all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

- 1 x Motorcycle Dash Cam (Main Unit)
- 2 x Camera (Front and Rear)
- 2 x Tire Pressure Monitoring System (TPMS) Sensors
- 1 x Controller
- 1 x Main Unit Bracket Kit (5pcs)
- 2 x Camera Cable
- 1 x Voltage Reducer Cable
- 1 x Power Cord
- 1 x Pack of Accessories (14pcs)
- 1 x Instruction Manual



Image: Complete package contents of the Aramox Motorcycle Dash Cam system.

3. Specifications

Feature	Specification
Item Type	Motorcycle Dash Cam
Screen Size	6.25 inch IPS Touchscreen
Screen Resolution	1560x720
Camera Resolution	Front and Rear 2K (1440P)
Water Resisting Rating	IP67
Recording Features	Auto Start, Loop Recording, Memory Full Auto Clear, Emergency Lock Video
Wireless Connectivity	Wireless CarPlay, Wireless Android Auto
GPS	Supported (records driving track and speed)

Tire Pressure Monitoring	Supported (real-time monitoring with abnormal warning)
Bluetooth	Dual Bluetooth (supports helmet, headset)
Voice Control	Supported
Speaker	Built-in
Memory Card Support	Maximum 256GB (Not included)
Tire Pressure Battery	120mAh CR2025 Battery x 2 (Included)
Operating Voltage	DC 5-12V
Language Support	Multiple languages (English, Chinese, Spanish, Russian, German, French, Polish, Turkish, Arabic, Hebrew, Italian, Czech, Japanese, etc.)
Fitment	Motorcycles, ATVs, UTVs, Snowmobiles, etc.
Product Dimensions	9.06 x 7.09 x 3.54 inches
Item Weight	3.06 pounds



Image: The dash cam demonstrating its IP67 waterproof capability.

4. Setup and Installation

The Aramox Motorcycle Dash Cam system requires careful installation. It is recommended to refer to the detailed installation instructions provided in the separate printed manual included in your package. Below are general guidelines:

1. **Mounting the Main Unit:** Use the provided bracket kit to securely mount the 6.25-inch dash cam display unit on your motorcycle handlebars or a suitable flat surface. Ensure the unit is positioned for optimal visibility and accessibility without obstructing your view or controls.
2. **Camera Installation:** Install the front and rear cameras in positions that provide a clear, unobstructed view of the road. Ensure they are securely fastened and angled correctly. The cameras are designed for outdoor use and are IP67 rated.
3. **Wiring Connections:** Connect the camera cables, power cord, and voltage reducer cable to the main unit as indicated in the detailed manual. Ensure all connections are secure and waterproof. Route cables safely to avoid

interference with moving parts or exposure to damage.

4. **Controller Installation:** Mount the wired controller in an easily accessible location on your handlebars. This controller allows for quick access to key functions.
5. **Tire Pressure Monitoring System (TPMS):** Install the TPMS sensors on your tire valves according to the instructions. These sensors wirelessly transmit tire pressure and temperature data to the main unit.
6. **Power Connection:** Connect the power cord to your motorcycle's power supply (DC 5-12V) as per the wiring diagram in the detailed manual. It is advisable to connect to a switched power source to prevent battery drain when the motorcycle is off.



Image: Dash cam main unit mounted on motorcycle handlebars.



Image: Rear view of the dash cam main unit with cable connections.

5. Operating Instructions

5.1 Powering On/Off

The dash cam is designed for auto-start recording. When connected to a switched power source, the device will automatically power on and begin recording when your motorcycle starts. To manually power off, press and hold the power button on the main unit or controller.

5.2 Touchscreen Interface

Navigate through menus and settings using the 6.25-inch IPS touchscreen. The interface is intuitive, similar to a smartphone, allowing access to features like navigation, music, phone calls, and settings.

5.3 Wireless Connectivity (CarPlay/Android Auto)

Connect your smartphone wirelessly to the dash cam for CarPlay (for iOS devices) or Android Auto (for Android devices). This enables seamless integration of your phone's navigation, music, and communication apps directly on the dash cam screen. Refer to your phone's settings for initial pairing instructions.

5.4 Bluetooth Connection

The device supports dual Bluetooth, allowing connection to both your helmet communication system and a separate Bluetooth headset simultaneously. This facilitates hands-free calls and audio playback while riding.

5.5 Voice Control

Utilize voice control for various functions, ensuring a focused and safe riding experience. Specific voice commands are detailed in the comprehensive manual.

5.6 Recording Functions

- **Auto Start Recording:** The system automatically begins recording when powered on.
- **Loop Recording:** Footage is recorded in continuous loops. When the memory card is full, the oldest files are overwritten automatically.
- **Emergency Lock Video:** In case of a sudden impact or manual activation, the current recording segment is locked and protected from being overwritten.
- **Memory Full Auto Clear:** The system manages memory by automatically clearing older, unprotected files when the storage limit is reached.

5.7 GPS Functionality

The integrated GPS module records your motorcycle's driving track and speed, which can be reviewed later. This data is also used for navigation when connected to CarPlay or Android Auto.

5.8 Tire Pressure Monitoring (TPMS)

The TPMS sensors provide real-time monitoring of your tire pressure and temperature. The dash cam display will show current readings and provide warnings for abnormal conditions, enhancing riding safety.

5.9 Wired Controller Functions

The external controller provides quick access to essential functions without needing to interact with the touchscreen directly.



Image: Wired controller with indicator lights and button functions.

Red Indicator Light:

- Blinking: Video signal is not normal.
- Off: Video signal is always on.

Blue Indicator Light:

- Always on: Stop recording.
- Blinking: Recording in progress.

Short Press (Lock Button): Locks the current video file to prevent overwriting.

Long Press (Lock Button): Takes a picture.

Recorder Display Touch On/Off Button: Toggles the recorder display touchscreen on or off.

Cell Phone Interconnection Navigation and Video Screen Switch Button: Switches between phone interconnection (CarPlay/Android Auto) and video display.

6. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the screen and exterior of the dash cam. Avoid using abrasive cleaners or solvents that may damage the surface. Ensure the device is powered off before cleaning.
- **Cable Inspection:** Regularly check all cables and connections for signs of wear, fraying, or damage. Ensure they are securely connected and properly routed to maintain waterproof integrity.
- **Firmware Updates:** Periodically check the Aramox official website for any available firmware updates. Keeping your device's firmware up-to-date ensures optimal performance and access to new features.
- **Memory Card:** Format the memory card regularly (e.g., once a month) within the device settings to maintain optimal recording performance and prevent data corruption. Use a high-quality, high-speed memory card (Class 10 or higher, U3 recommended).
- **Storage:** When not in use for extended periods, store the dash cam in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose connection; faulty power cord.	Check power connections; ensure motorcycle ignition is on; test power cord.
Recording not starting.	Memory card full or corrupted; incorrect settings; camera connection issue.	Format memory card; check recording settings; ensure cameras are properly connected (check red indicator light on controller).
Poor video quality.	Dirty camera lens; low light conditions; incorrect resolution settings.	Clean camera lenses; adjust video resolution in settings.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone; incorrect pairing; software glitch.	Ensure phone's Bluetooth/Wi-Fi is on; re-pair device; restart both phone and dash cam.
TPMS not displaying readings.	Sensors not installed correctly; sensor battery low; pairing issue.	Check sensor installation; replace CR2025 batteries in sensors; re-pair TPMS sensors.

8. Warranty and Support

Aramox products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official Aramox website. Please have your product model number (B0G1V1M7BX) and purchase date ready when contacting support.
For additional support, you may visit the Aramox Store on Amazon.

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