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AMprime RM

AMprime Wireless CarPlay & Android Auto Screen for Motorcycle User Manual

Model: RM

Introduction

This user manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your AMprime Wireless CarPlay & Android Auto Screen for Motorcycle. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

Package Contents

Upon unboxing, please verify that all components listed below are present and in good condition:

- Wireless CarPlay & Android Auto Screen Unit
- 2m Power Cable
- Brackets (for mounting)
- Accessories (screws, tools)
- 2.1m AHD Rear Camera
- 0.5m Extended Line
- 64GB TF Card
- User Manual (this document)



Figure 1: Contents of the product package and dimensions of the main unit.

Setup and Installation

The AMprime Wireless CarPlay & Android Auto Screen is designed for easy installation on most motorcycles. Follow these steps for proper setup:

1. **Mounting the Unit:** Use the provided bracket kit and tools to securely mount the 5-inch display unit on your motorcycle's handlebars or a suitable location. Ensure the unit is positioned for optimal visibility without obstructing your view or controls.
2. **Connecting Power:** Connect the 2m power cable to the display unit and your motorcycle's power source. It is recommended to connect to a switched power source to prevent battery drain when the motorcycle is off.
3. **Installing Cameras:**

- The front camera is integrated into the main unit.
- Install the 2.1m AHD rear camera at the back of your motorcycle, ensuring a clear view. Use the 0.5m extended line if additional length is required.
- Ensure both cameras are securely fastened and their cables are routed safely, away from moving parts or heat sources.

4. **Inserting TF Card:** Insert the 64GB TF card into the designated slot on the unit. This card is essential for loop recording functionality of the dash cam.
5. **Initial Power On:** Once all connections are secure, turn on your motorcycle's ignition to power on the unit.



Figure 2: Main unit and included accessories for installation.

Operating Instructions

Wireless CarPlay & Android Auto Connection

This device supports both Wireless CarPlay and Android Auto for seamless smartphone integration.

1. Ensure Wi-Fi and Bluetooth are enabled on your smartphone.
2. On the device's main screen, select either "Wireless Android Auto" or "Wireless CarPlay."
3. Follow the on-screen prompts to pair your smartphone via Bluetooth. Once paired, the system will automatically establish a Wi-Fi connection for CarPlay/Android Auto functionality.
4. You can now access navigation, make phone calls, send messages, listen to music, and use voice assistants (Siri/Google Assistant) directly from the display.



Figure 3: Wireless CarPlay and Android Auto interface.



Figure 4: Integration of phone features including voice control.

Bluetooth Connectivity

The device features stable Bluetooth technology for hands-free communication and music streaming.

- Turn on Bluetooth on both your mobile phone and the AMprime unit.
- Search for the device name (e.g., "AMprime RM") on your phone and pair.
- Once connected, you can make/receive calls and play music through the unit, enhancing driving safety by keeping your hands free.

Dual Motorcycle Dash Cam (DVR)

The integrated dual 1080P cameras provide simultaneous front and rear recording.

- **Loop Recording:** The system automatically overwrites the oldest video files when the 64GB TF card is full, ensuring continuous recording without manual intervention.
- **WiFi Video:** Download the "ELooK Pro" application on your smartphone. After connecting to the unit's Wi-Fi, you

can view live camera feeds and playback recorded videos directly on your phone.

- The cameras are IP68 waterproof and feature a robust metal shell for durability.



Figure 5: Dual camera system and key features.

Motorcycle Tire Pressure Monitoring System (TPMS)

The integrated TPMS provides real-time monitoring of tire pressure and temperature for enhanced safety.

- The system displays current tire pressure and temperature readings on the screen.
- Alerts will be provided for abnormal tire pressure or temperature, allowing you to address potential issues promptly.



Figure 6: Tire Pressure Monitoring System interface.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the display screen and unit exterior. Avoid abrasive cleaners or solvents that could damage the surface.
- **Waterproof Rating:** The unit is IP68 waterproof, designed to withstand various weather conditions. However, avoid submerging the unit in water for extended periods.
- **Temperature Range:** The device is designed to operate in temperatures from -20°C to 80°C. Avoid exposing the unit to extreme temperatures outside this range for prolonged periods.
- **Firmware Updates:** Periodically check the manufacturer's website or contact support for any available firmware updates to ensure optimal performance and new features.



Figure 7: Durability and environmental compatibility.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; loose connection; blown fuse.	Check power cable connection. Ensure motorcycle ignition is on. Inspect fuse in power line.
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi off on phone; incorrect pairing; interference.	Ensure phone's Bluetooth and Wi-Fi are on. Forget device on phone and re-pair. Move away from strong interference sources.

Problem	Possible Cause	Solution
Dash cam not recording.	TF card full or corrupted; TF card not inserted; recording function off.	Check TF card insertion. Format TF card (backup important files first). Ensure recording is enabled in settings.
TPMS not displaying readings.	Sensors not paired; sensor battery low; sensor malfunction.	Refer to TPMS pairing instructions in the full manual. Check sensor batteries. Contact support if issue persists.
Screen unresponsive or frozen.	Software glitch; temporary error.	Perform a soft reset by turning off and on the motorcycle ignition. If available, use a reset button on the unit.

Specifications

- **Model Name:** RM
- **Display:** 5-inch Touchscreen
- **Connectivity:** Wireless CarPlay, Wireless Android Auto, Bluetooth, Wi-Fi
- **Camera:** Front & Rear HD 1080P Dash Cam (Dual Channel Recording)
- **Storage:** Supports 64GB TF Card (included)
- **Waterproof Rating:** IP68
- **Operating Temperature:** -20°C to 80°C
- **Included Components:** Main unit, 2m Power Cable, Brackets, Accessories, 2.1m AHD Rear Camera, 0.5m Extended Line, 64GB TF Card, User Manual
- **Dimensions:** Approximately 141mm (5.5 inches) x 83mm (3.2 inches) x 62mm (2.4 inches)
- **Item Weight:** 1.54 pounds
- **Vehicle Service Type:** Motorcycle

Warranty and Support

AMprime products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official AMprime website.
For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact our customer support team:

Email: AmprimeTechSupport@yeah.net

Our dedicated support team is available to assist you with any issues you may encounter.



Figure 8: AMprime Customer Support.

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