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YolanAuto MT7

YolanAuto MT7 Motorcycle Smart Navigation System User Manual

Model: MT7 | Brand: YolanAuto

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your YolanAuto MT7 Motorcycle Smart Navigation System. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image: YolanAuto MT7 main unit, front and rear cameras, and tire pressure sensors.

2. Package Contents

Verify that all items listed below are included in your package:

- MT7 Main Unit
- Mounting Bracket
- Power Cable
- Front Camera
- Rear Camera
- Screwdriver
- Hex Wrench Set
- L-shaped Mounting Bracket
- 1 Set of Cable Ties
- Size Adapter Ring
- Wired Controller
- 64GB Micro SD Card
- Z-shaped Mounting Bracket
- User Manual (this document)
- Front and Rear Tire Pressure Sensors

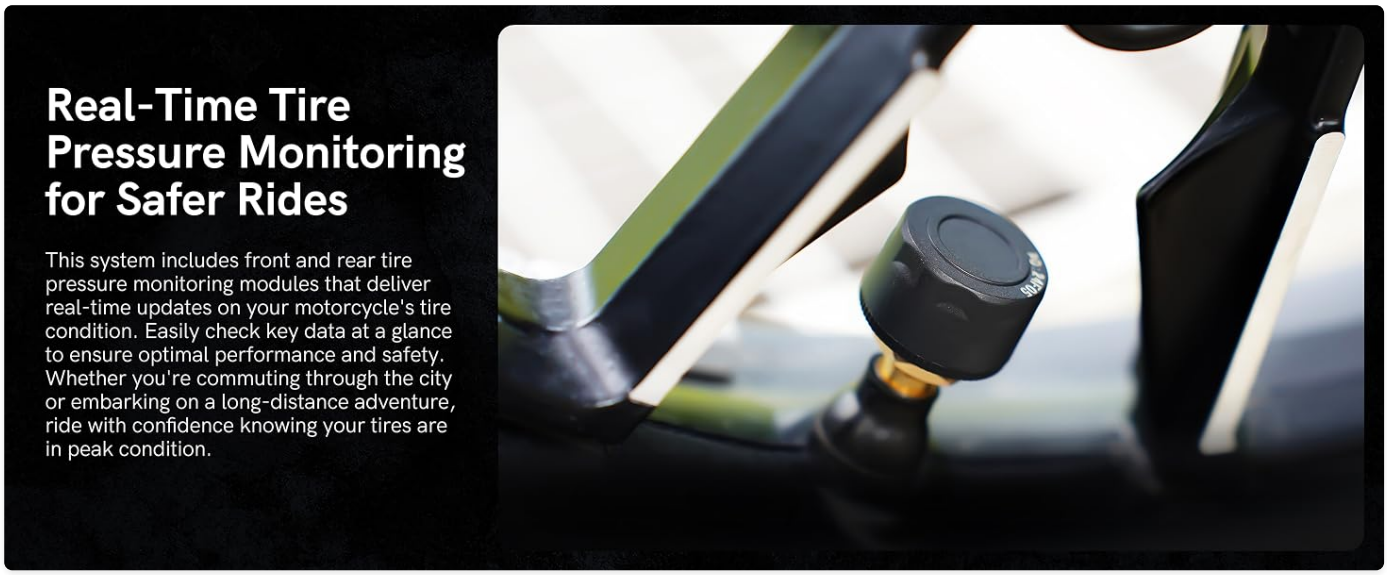


Image: All components of the YolanAuto MT7 system, including the main unit, cameras, sensors, cables, and mounting hardware.

3. Setup and Installation

3.1 Mounting the Main Unit

Select the appropriate mounting bracket and size adapter ring for your motorcycle's handlebar. Secure the bracket firmly using the provided tools. The MT7 unit features a quick-release module for easy attachment and removal from the mounted bracket.

Your browser does not support the video tag.

Video: Demonstrates the installation process of the MT7 riding system, including mounting the main unit to the handlebar.



Image: Illustration of the quick-release module for easy installation and removal of the MT7 unit.

3.2 Wiring Connections

Connect the main unit to the motorcycle's power supply and other components using the provided 1-to-4 quick release cable. Ensure all connections are secure and follow the color-coded labels for correct pairing.

- **Power Cable:** Connect the yellow power cable to the positive terminal of the battery (12V). The black cable connects to the negative terminal.
- **ACC Cable:** The red wire connects to the ACC fuse slot, ensuring the system powers on/off with the motorcycle ignition.
- **Camera Cables:** Connect the front and rear camera cables to the corresponding ports on the 1-to-4 quick release cable.
- **Wired Controller:** Connect the wired controller cable.



Image: Product wiring diagram showing connections for cameras, power, and controller.

3.3 Camera Installation

Mount the 1080P front and rear cameras in desired positions, ensuring a clear field of view. Remove the lens protector and the 3M adhesive backing before attaching. Secure with screws if necessary.

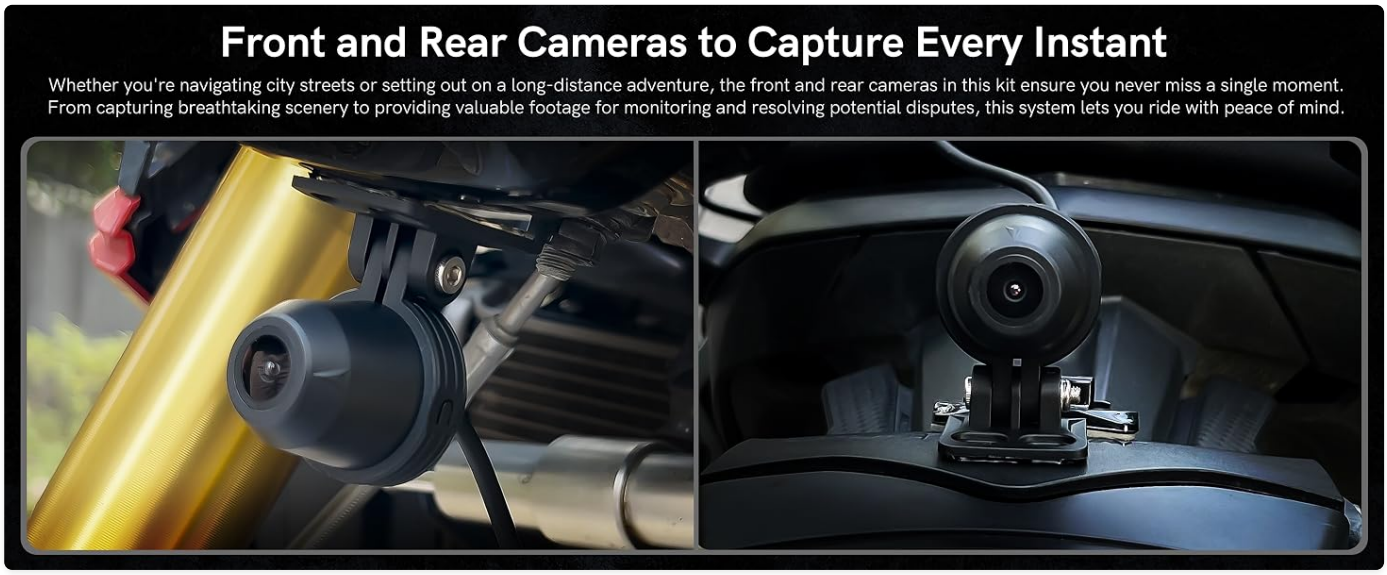


Image: Detailed view of front and rear cameras mounted on a motorcycle.

3.4 Tire Pressure Monitoring System (TPMS) Installation

Install the front and rear tire pressure sensors onto the tire valve stems. Use the provided wrench to secure them and prevent theft. The system will wirelessly transmit real-time pressure and temperature data to the MT7 display.



Image: Close-up of a tire pressure sensor installed on a motorcycle wheel.

4. Operating Instructions

4.1 Powering On/Off

The MT7 system will power on automatically when the motorcycle ignition is turned on, and power off when the ignition is turned off, due to the ACC connection.

4.2 Display and Interface

The 6.86-inch IPS display provides a clear and responsive interface. Navigate through menus and functions using the touchscreen or the handlebar-mounted wired controller.



Image: MT7 display interface with options for brightness, settings, camera playback, and navigation.

4.3 Smartphone Connectivity (CarPlay/Android Auto)

Wirelessly connect your smartphone via Bluetooth to enable Apple CarPlay or Android Auto. This allows access to navigation, calls, music, and messages directly on the MT7 display. Use Siri or Google Assistant for hands-free operation.



Image: MT7 display showing both Apple CarPlay and Android Auto interfaces.

4.4 Wired Controller Functions

The handlebar-mounted wired controller provides convenient access to key functions without removing your hands from the grips. Buttons typically include: Switch Button (for screen toggling), Call Button (for managing calls), and Home Button (for returning to the main menu).

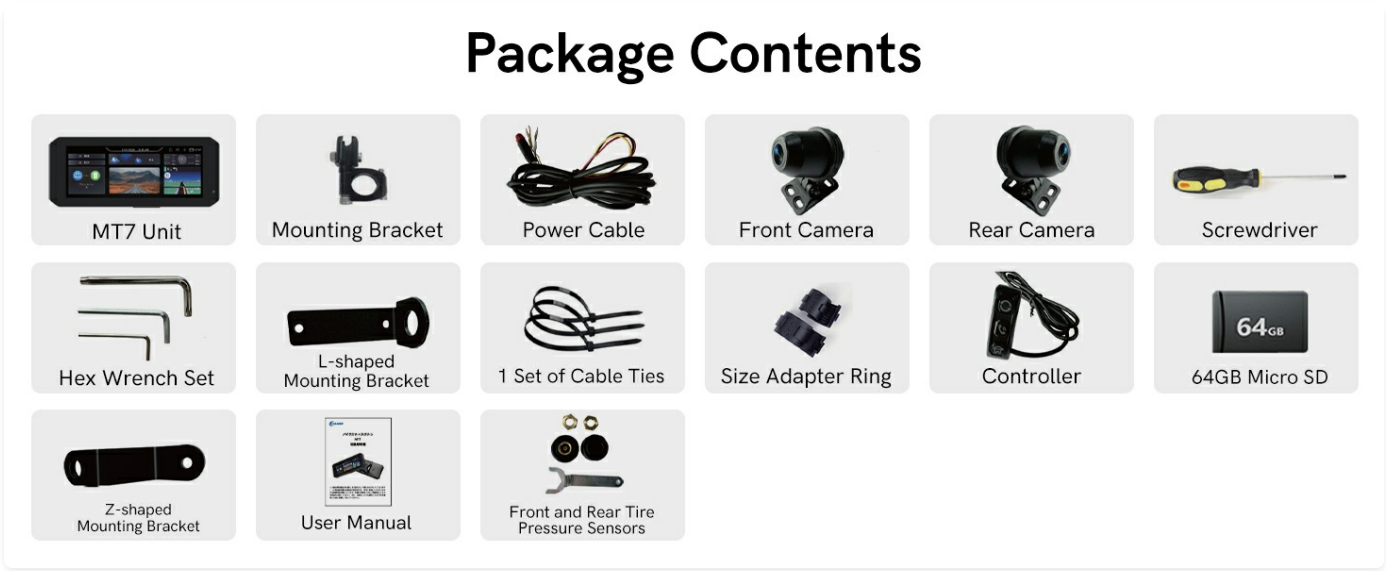


Image: Wired controller mounted on a handlebar, highlighting its buttons for calls, screen switching, and home function.

4.5 Camera Recording and Playback

The included 1080P front and rear cameras continuously record footage. Recordings are stored on the MicroSD card (16GB-256GB supported). Access and view videos or photos via the mobile app or directly on the MT7 display's playback function.

4.6 Tire Pressure Monitoring

The TPMS displays real-time tire pressure and temperature. Set low and high pressure alarm values in the settings to receive alerts for critical changes.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the display and unit. Avoid harsh chemicals.
- **Weather Protection:** The MT7 is IP67-rated for dust and water resistance. However, avoid prolonged submersion or high-pressure water jets.
- **Firmware Updates:** Check the official YolanAuto website or mobile app for any available firmware updates to ensure optimal performance and new features.
- **MicroSD Card:** Regularly back up important footage from the MicroSD card. Format the card periodically to maintain recording efficiency.

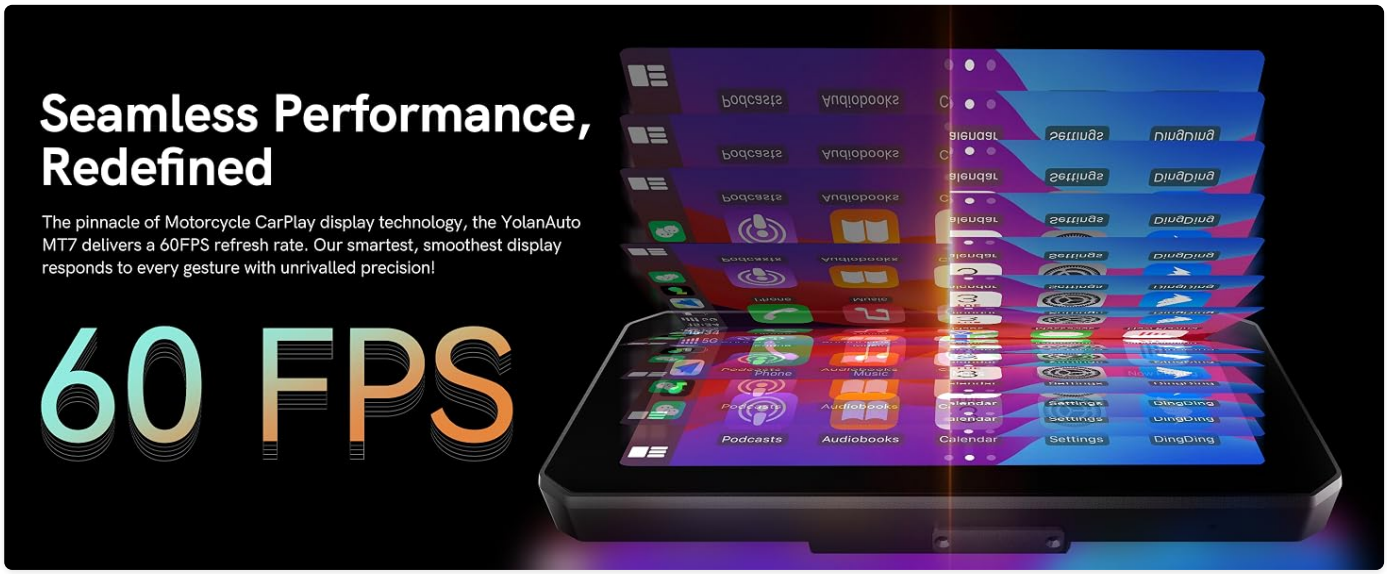


Image: MT7 unit demonstrating its IP67 waterproof capabilities during a ride in the rain.

6. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, battery issue, ACC cable not connected.	Check all power cable connections to the battery and ACC fuse. Ensure battery has sufficient charge.
Cameras not recording or displaying.	MicroSD card error, loose camera connection, damaged camera cable.	Ensure MicroSD card is inserted correctly and formatted. Check camera cable connections. Replace damaged components if necessary.
TPMS not displaying data.	Sensors not paired, low sensor battery, sensor malfunction.	Re-pair sensors according to manual. Check sensor batteries. Contact support if issues persist.
CarPlay/Android Auto not connecting.	Bluetooth not enabled, phone compatibility issue, software glitch.	Ensure Bluetooth is on and phone is discoverable. Restart both phone and MT7 unit. Check for software updates.

7. Specifications

- **Display Size:** 6.86 Inches IPS
- **Refresh Rate:** 60Hz
- **Waterproof Rating:** IP67
- **Connectivity:** Bluetooth 5.2, Wireless Apple CarPlay, Wireless Android Auto
- **Cameras:** 1080P Front/Rear
- **Storage:** Supports MicroSD cards (16GB-256GB)
- **Operating System:** Linux
- **Control:** Touchscreen, Handlebar Wired Controller

- **Special Features:** Tire Pressure Monitoring System (TPMS), Quick-Release Design

8. Warranty and Support

The YolanAuto MT7 comes with a **2-Year Warranty**. For technical support, warranty claims, or further assistance, please refer to the contact information provided on the YolanAuto official website or your purchase documentation.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question