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WonVon B0GZP2MYQ5

WonVon 5-Inch Motorcycle CarPlay GPS Navigation System User Manual

Model: B0GZP2MYQ5

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your WonVon 5-Inch Motorcycle CarPlay GPS Navigation System. This device is designed to enhance your riding experience with seamless wireless Apple CarPlay and Android Auto integration, GPS navigation, dual Bluetooth connectivity, and real-time Tire Pressure Monitoring System (TPMS).

The system features a crisp 5-inch IPS touchscreen display with anti-glare properties, ensuring readability in various lighting conditions, and is built with IP69 waterproof ruggedness for all-weather compatibility.



Figure 1.1: Overview of the WonVon 5-inch Motorcycle CarPlay GPS Navigation System and its key features.

2. What's in the Box

Verify that all components are present in the package before proceeding with installation:

- 1x 5 Inch Motorcycle Carplay Screen
- 1x 1 Inch Extension Rod
- 1x U-shaped Support
- 1x User Manual
- Tools (as specified in the manual)
- Power Cable
- Magnetic Mount
- Tire Pressure Sensors (if included with your model)

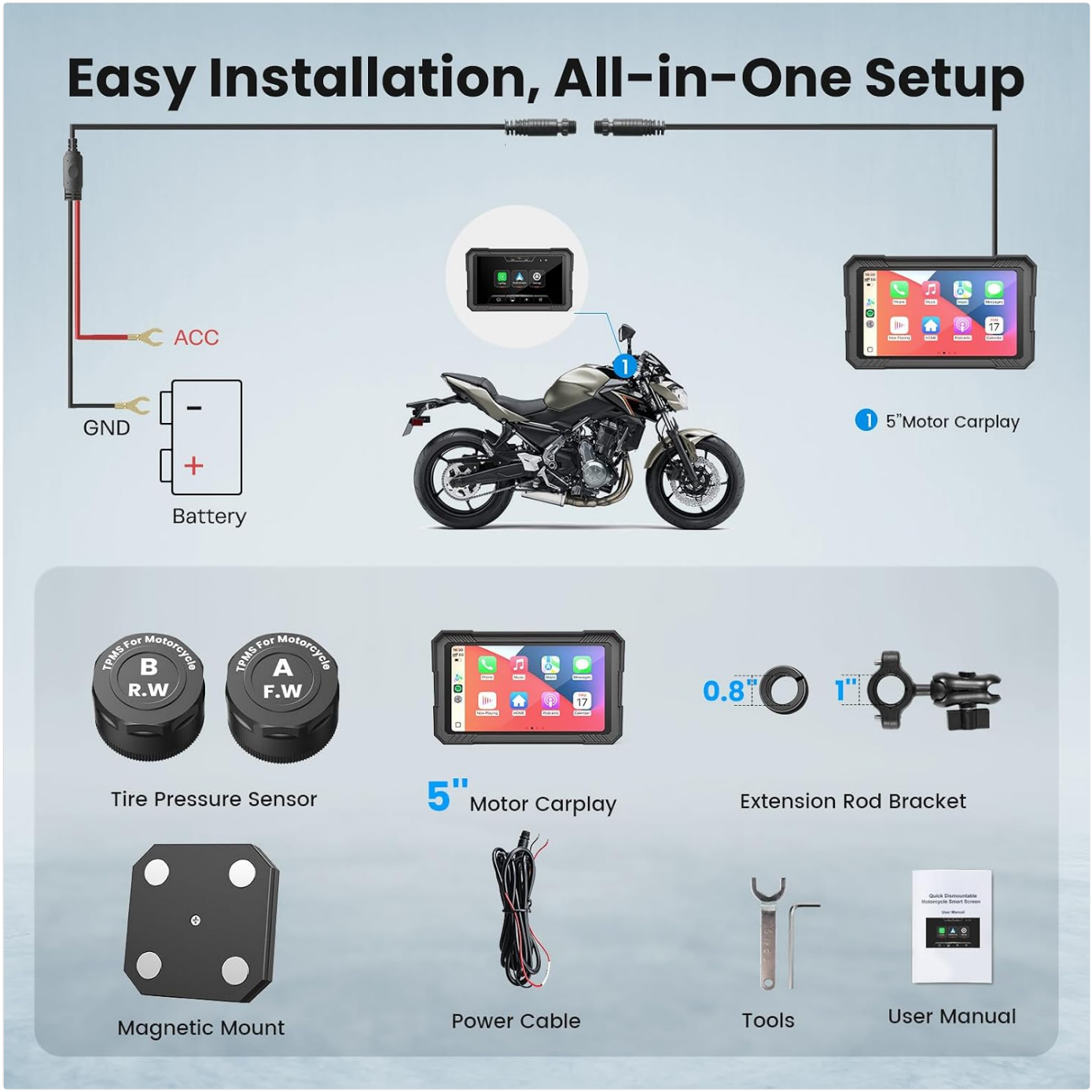


Figure 2.1: Contents of the product package.

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Video 2.1: A brief overview of the items included in the package.

3. Setup and Installation

The WonVon Motorcycle CarPlay GPS Navigation System is designed for easy DIY installation. Follow these steps for proper setup:

3.1 Mounting the Device

1. Attach the U-shaped support or magnetic mount to the back of the CarPlay screen.
2. Secure the extension rod bracket to your motorcycle's handlebar. Ensure it is tightened securely to prevent vibration during rides.
3. Connect the device to the handlebar mount. Adjust the viewing angle for optimal visibility.

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Video 3.1: Demonstration of the magnetic mount installation process.

3.2 Wiring Connection

Connect the power cable to your motorcycle's battery. The red wire connects to the ACC (Accessory) terminal, and the black wire connects to the GND (Ground) terminal. Ensure connections are secure and insulated to prevent short circuits.

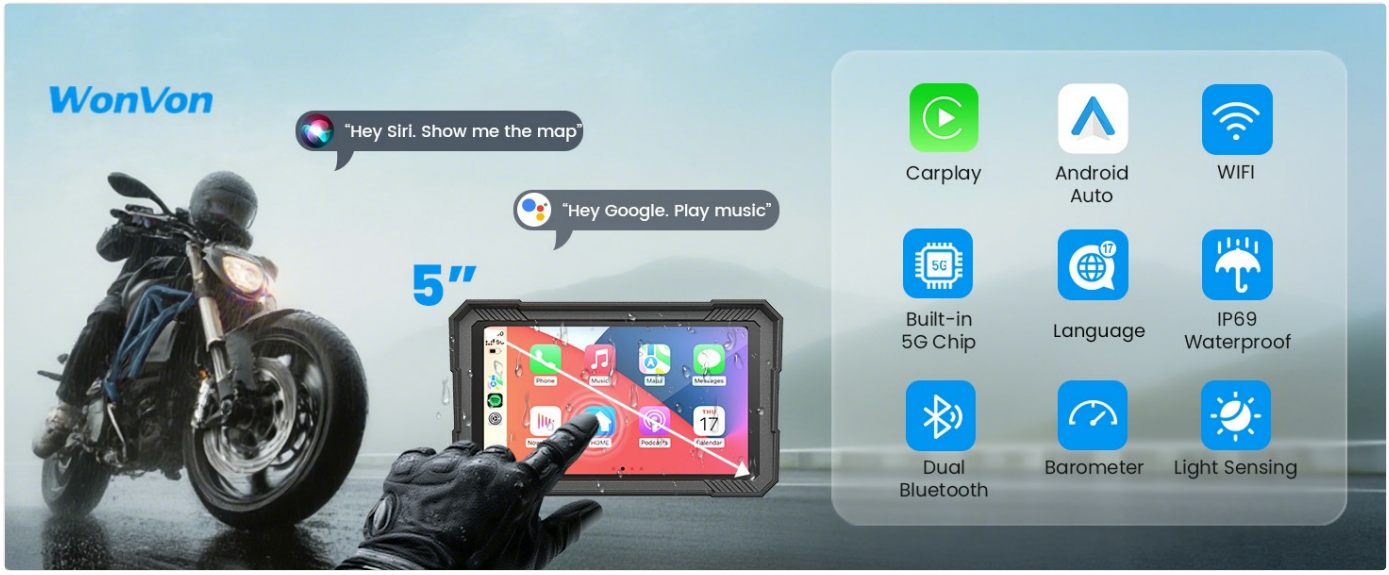


Figure 3.1: Wiring diagram for connecting the device to the motorcycle battery.

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Video 3.2: Guide on connecting the wire harness to the motorcycle's power source.

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Video 3.3: Comprehensive installation steps for the motorcycle CarPlay unit.

4. Operating Instructions

4.1 Power On/Off

Once wired correctly, the device will power on with your motorcycle's ignition. To power off, turn off your motorcycle's ignition. For complete power disconnection, you may need to disconnect the power cable from the battery.

4.2 Wireless Apple CarPlay Connection

1. Turn on Bluetooth and Wi-Fi on your iPhone.
2. On the CarPlay screen, navigate to the Bluetooth settings and select the corresponding device name (e.g., 'WonVon_XXXX').
3. Confirm the pairing request on both devices.
4. Once paired, select 'Connect' to initiate Apple CarPlay. The connection should be established within approximately 10 seconds.



Figure 4.1: Steps for Wireless Apple CarPlay connection.

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Video 4.1: How to connect your Apple device to the CarPlay system.

4.3 Wireless Android Auto Connection

1. Ensure Bluetooth and Wi-Fi are enabled on your Android phone.
2. On the CarPlay screen, go to Bluetooth settings and select the corresponding device name.
3. Accept the pairing request on your phone.
4. Select 'Connect' to start Android Auto. The connection should be successful within approximately 10 seconds.

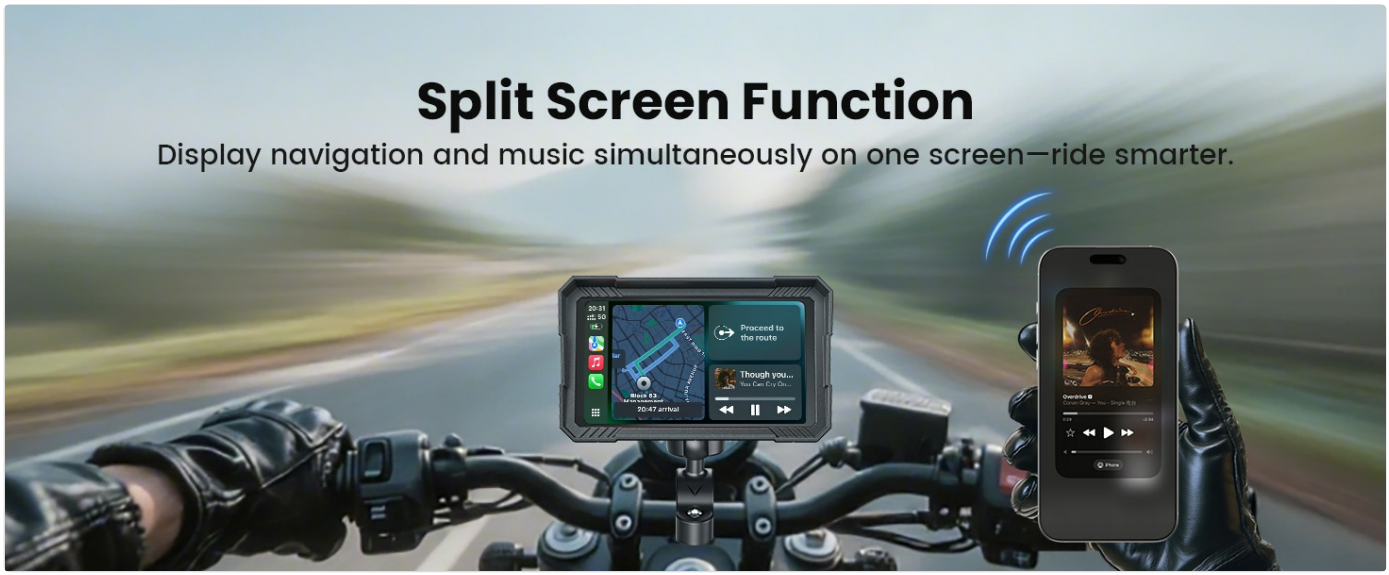


Figure 4.2: Steps for Wireless Android Auto connection.

4.4 TPMS (Tire Pressure Monitoring System) Setup

If your model includes TPMS sensors, follow these steps to pair and monitor your tire pressure:

1. Install the TPMS sensors on your motorcycle's tires as per the sensor instructions.
2. On the CarPlay screen, navigate to the TPMS settings menu.
3. Follow the on-screen prompts to pair each sensor (Front Wheel and Rear Wheel).
4. Once paired, real-time tire pressure and temperature will be displayed on the screen. You can set high and low pressure/temperature alerts.



Figure 4.3: TPMS sensors and display interface.

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Video 4.2: Instructions for connecting the tire pressure sensors to the system.

4.5 Display Settings and Modes

The device offers various display settings for optimal viewing:

- **Automatic Brightness Adjustment:** The screen can automatically adjust its brightness based on ambient light conditions for clear visibility during day and night.
- **Day/Night Mode:** Manually switch between day and night display modes for preferred viewing.
- **Landscape/Portrait Mode:** The screen supports both landscape and portrait orientations. Adjust the physical mount and the software will adapt.
- **Anti-Glare Design:** The display is designed to minimize glare from sunlight, improving readability.



Figure 4.4: Day and Night Mode functionality.

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Video 4.3: Demonstrates the IP68 waterproof feature and screen responsiveness in wet conditions, including display settings adjustments.

4.6 Navigation and Voice Control

Utilize your smartphone's navigation apps (e.g., Google Maps, Waze) through CarPlay or Android Auto. Voice assistants like Siri and Google Assistant are supported for hands-free control of navigation, calls, and music.

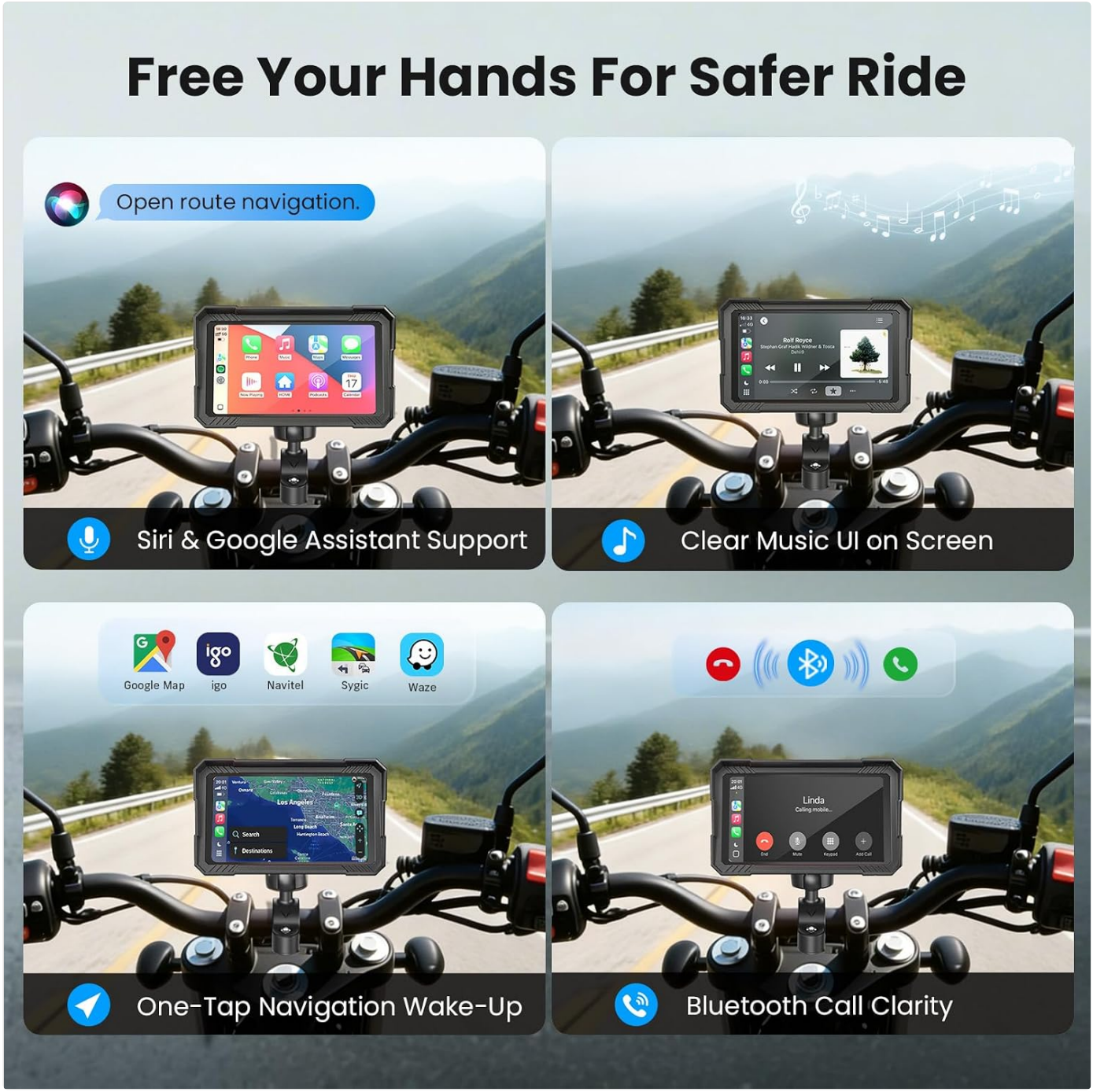


Figure 4.5: Navigation and voice assistant features.

4.7 Music Streaming and Bluetooth Audio

Connect your Bluetooth headset or helmet to the device for immersive audio. Stream music from your favorite apps (Spotify, Apple Music, YouTube Music) and manage calls directly from the screen or via voice commands. Ensure your headset/helmet has a microphone for calls and voice control.

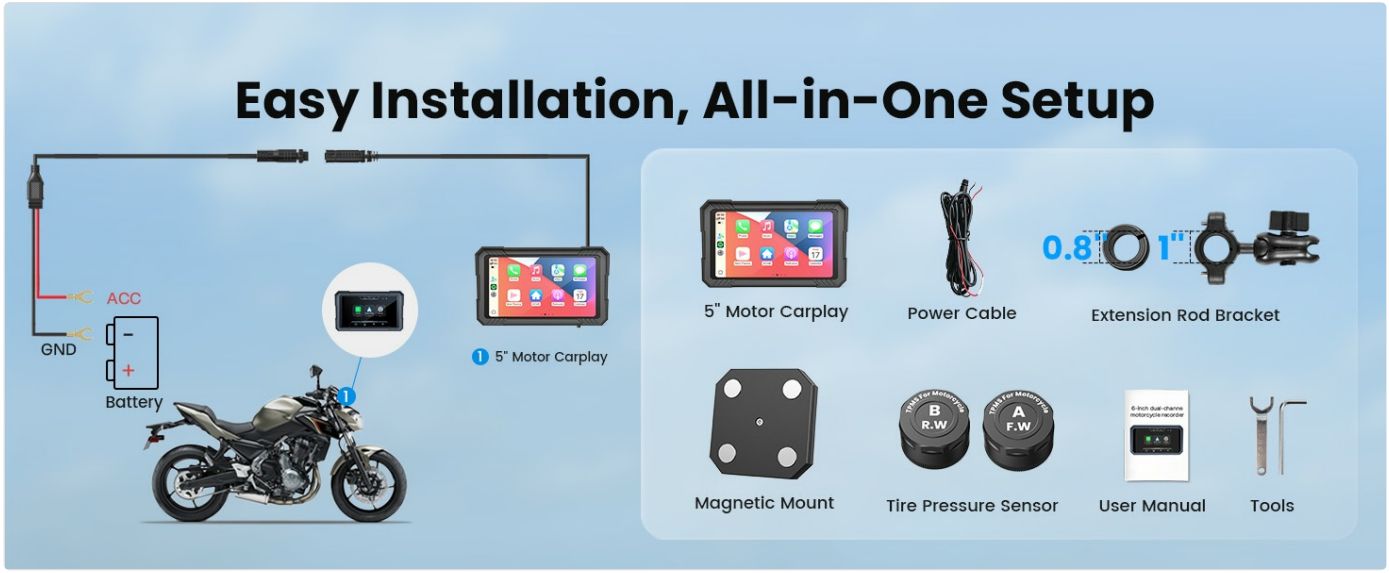


Figure 4.6: Music streaming interface.

4.8 Split Screen Function

The device supports a split-screen function, allowing you to view navigation and music simultaneously for enhanced convenience during your ride.



Figure 4.7: Split screen functionality.

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Video 4.4: Overview of basic CarPlay functions and user interface.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the screen and device housing. Avoid abrasive cleaners or solvents that may damage the surface.
- **Storage:** If storing the motorcycle for an extended period, consider disconnecting the device from the battery to prevent drain.
- **Firmware Updates:** Periodically check the manufacturer's website for any available firmware updates to ensure optimal performance and new features.
- **Cable Inspection:** Regularly inspect the power cable and connections for any signs of wear or damage.

6. Troubleshooting

Issue	Possible Cause	Solution
Device does not power on.	Incorrect wiring; loose connection; motorcycle battery low.	Check power cable connections (ACC and GND). Ensure battery has sufficient charge.
CarPlay/Android Auto fails to connect 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. Restart both devices.
No audio from headset/helmet.	Headset not paired; volume too low; incorrect audio output selected.	Ensure headset is paired and connected. Adjust volume on both devices. Check audio output settings on the CarPlay unit.
TPMS sensors not displaying data.	Sensors not paired; low sensor battery; incorrect installation.	Re-pair TPMS sensors in the settings. Check sensor battery levels. Ensure sensors are correctly installed on valve stems.
Screen glare or poor visibility.	Brightness settings; direct sunlight.	Adjust screen brightness manually or enable automatic brightness. Reposition the device if possible to reduce direct sunlight.

7. Specifications

Feature	Detail
Brand	WonVon
Model	B0GZP2MYQ5
Screen Size	5 inches
Display Type	IPS Touchscreen
Connectivity	Bluetooth, Wi-Fi
Special Features	Wireless Apple CarPlay, Wireless Android Auto, GPS Navigation, TPMS Support, Waterproof (IP69)
Vehicle Service Type	Motorcycle, Car, Bicycle
Operating System	Linux
Control Method	App, Touch, Voice
Power Input	12–24V
Dimensions (L x W x H)	7.98" x 3.6" x 3.86"



Figure 7.1: Device dimensions.

8. Warranty and Support

Your WonVon Motorcycle CarPlay GPS Navigation System comes with a**12-month manufacturer's warranty**. WonVon is committed to providing high-quality products and excellent customer service.
For technical assistance, troubleshooting, or warranty claims, please contact WonVon customer support. Lifetime technical support is available.
You can typically find support contact information through the retailer where you purchased the product or on the official WonVon website.



Figure 8.1: WonVon customer support details.

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Details

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

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