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> Podofo 5-inch Wireless Motorcycle CarPlay & Android Auto Display (Model A3501) User Manual

podofo A3501

Podofa 5-inch Wireless Motorcycle CarPlay & Android Auto Display

Model: A3501 | Brand: Podofa

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Podofa 5-inch Wireless Motorcycle CarPlay & Android Auto Display. This device is designed to enhance your riding experience by providing seamless smartphone integration, navigation, and entertainment directly on your motorcycle's handlebars. Featuring wireless Apple CarPlay and Android Auto, dual Bluetooth connectivity, and an IP67 waterproof rating, this display ensures you stay connected and informed in various riding conditions. Please read this manual thoroughly before installation and operation to ensure proper use and maximize the product's lifespan.

5 inch Motorcycle Carplay



Image 1.1: Overview of the Podofo 5-inch Motorcycle CarPlay display and its main features.

2. PRODUCT FEATURES

- **Wireless CarPlay & Android Auto:** Connect your smartphone wirelessly for navigation, music, calls, and messaging.
- **Enhanced Dual Bluetooth Mode:** Connect your phone to the display and simultaneously connect a Bluetooth headset or helmet for audio.
- **IP67 Waterproof & Sun-resistant Display:** Designed to withstand various weather conditions, ensuring reliable performance.
- **Wide Operating Temperature Range:** Functions reliably from -4°F to 149°F (-20°C to 65°C).
- **5-inch HD IPS Touchscreen:** High-definition display with 800x480 resolution for clear visuals and quick response.
- **Multimedia Playback:** Supports up to 64GB TF/SD memory cards (not included) for local music and video playback.
- **MirrorLink Functionality:** Mirror your smartphone screen directly onto the display.
- **Voice Assistant Support:** Utilize Siri or Google Assistant for hands-free control.
- **FM Transmitter:** Transmit audio to your motorcycle's FM radio.



Image 2.1: Key features and user interaction with the display.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all components are present:

- 1 x 5-inch Display Unit
- 1 x Universal Mount
- 1 x User Manual
- 1 x Power Cable
- 1 x Accessories (mounting hardware)

Package List & Product Size

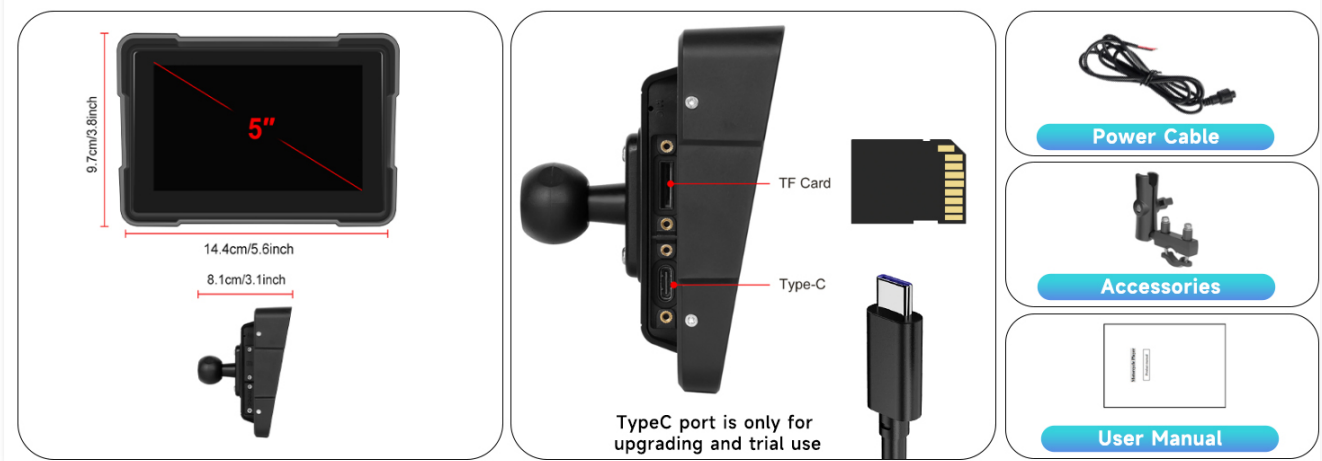


Image 3.1: Visual representation of the package list and product dimensions.

4. SETUP AND INSTALLATION

Follow these steps for a secure and proper installation of your Podofu Motorcycle Display:

1. **Attach the Mount:** Use a Phillips screwdriver to securely attach the universal mount to your motorcycle's handlebar. Ensure it is firmly fastened.
2. **Clamp the Connecting Rod:** Clamp the connecting rod to the mount. The mount offers 360° adjustability for optimal viewing angles.
3. **Insert and Adjust Device:** Insert the display unit onto the mount. Adjust its position and angle as desired, then tighten the adjustment ring to secure it.
4. **Connect Power:** Connect the power cable. The **Red wire** connects to the motorcycle battery's positive terminal (ACC power supply), and the **Black wire** connects to the motorcycle battery's negative terminal (Ground Wire).

Installation is complete once the wiring is correctly connected and the device is securely mounted.



Image 4.1: Step-by-step guide for simple installation and wiring.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The device will power on automatically when your motorcycle's ignition is turned on. To power off, turn off the ignition. For manual power control, refer to the device's interface for a power option if available.

5.2 Wireless CarPlay / Android Auto Connection

To use CarPlay or Android Auto, ensure your smartphone's Bluetooth and Wi-Fi are enabled.


1. **Open CarPlay/Android Auto:** On the display, select the Apple CarPlay or Android Auto icon.
2. **Enable Phone's Wi-Fi and Bluetooth:** On your smartphone, ensure both Wi-Fi and Bluetooth are turned on.
3. **Find and Pair Bluetooth:** On your phone, search for the display's Bluetooth name (e.g., "CarPlay-XXXX") and pair with it. Confirm any pairing requests on both devices.
4. **Connection Successful:** Once paired, the display will automatically connect via Wi-Fi, and CarPlay or Android Auto will launch.



Wireless Apple Carplay Connection

- 1 Open Apple Carplay
- 2 Turn on WIFI and Bluetooth on Phone
- 3 Find Bluetooth Click and Start Use CarPlay
- 4 The Connection Successful

Image 5.1: Steps for Wireless Apple CarPlay Connection.



Wireless Android Auto Connection

- 1 Open Android Auto
- 2 Turn on WIFI and Bluetooth on Phone
- 3 Find Bluetooth Click and Start Use CarPlay
- 4 The Connection Successful

Image 5.2: Steps for Wireless Android Auto Connection.

5.3 Dual Bluetooth Connection

The device supports connecting your phone and a Bluetooth headset/helmet simultaneously.

1. **Connect Phone:** First, connect your mobile phone to the display via Bluetooth for CarPlay or Android Auto functionality.
2. **Connect Headset/Helmet:** Then, pair your Bluetooth headset or helmet with the display. This allows audio from the display (navigation, music, calls) to be routed directly to your headset/helmet.

Dual Bluetooth Connection



Image 5.3: Dual Bluetooth Connection setup.

5.4 Multimedia Playback

Insert a TF/SD card (up to 64GB, not included) into the designated slot on the display. You can then access and play music or videos stored on the card directly through the display's multimedia player.

Support 64G TF Card (Not include)



Image 5.4: Multimedia playback via TF/SD card.



Image 5.5: Multimedia playback options and interface.

5.5 Navigation and Hands-free Calling

Once connected to CarPlay or Android Auto, you can use your phone's navigation apps directly on the display. For hands-free calling, use the display's interface to make or receive calls, with audio routed to your connected Bluetooth headset/helmet.

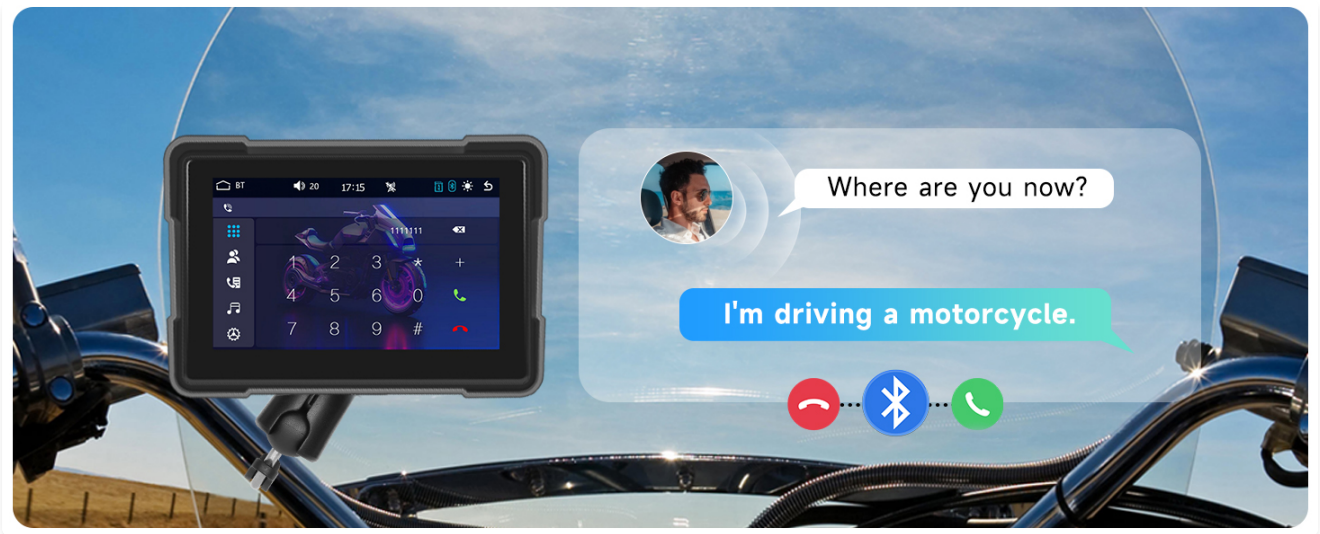


Image 5.6: Hands-free calling interface.

5.6 Screen Brightness and EQ Adjustment

The display features adjustable brightness to suit different lighting conditions. Access the settings menu to modify brightness levels. You can also adjust audio equalization (EQ) settings to customize your sound experience.

Suitable For All Riding Environments

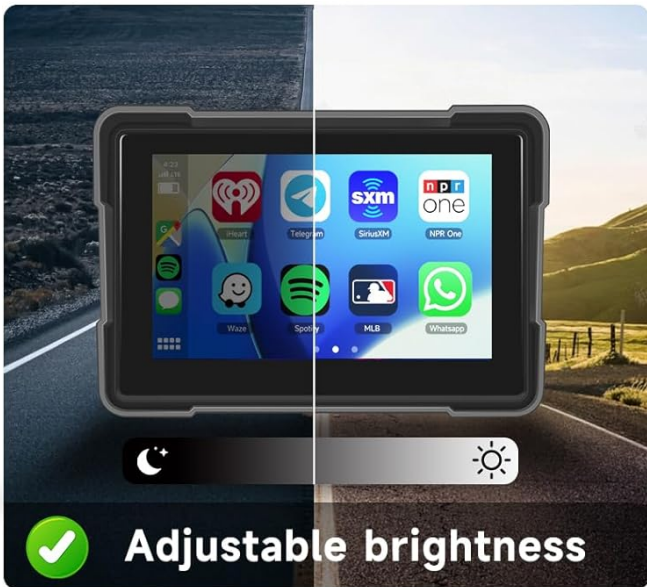


Image 5.7: Display features for various riding environments, including adjustable brightness.



Image 5.8: Audio Equalizer (EQ) adjustment interface.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the display screen. Avoid abrasive cleaners or solvents that may damage the screen surface.
- **Connections:** Periodically check all power and mounting connections to ensure they are secure, especially after riding on rough terrain.
- **Water Resistance:** While the device is IP67 waterproof, avoid submerging it in water or exposing it to high-pressure water jets for extended periods. Ensure all ports are properly sealed.
- **Storage:** If storing the motorcycle for an extended period, consider detaching the display unit and storing it in a dry, temperate environment.

7. TROUBLESHOOTING

If you encounter issues with your Podofu Motorcycle Display, refer to the following common problems and solutions:

- **Device Not Powering On:**
 - Check the power cable connections to the motorcycle battery. Ensure the red wire is connected to the positive terminal and the black wire to the negative terminal.
 - Verify that the motorcycle's ignition is on.
 - Inspect the power cable for any damage or loose connections.
- **CarPlay/Android Auto Not Connecting:**
 - Ensure your smartphone's Bluetooth and Wi-Fi are both enabled.
 - Forget the device's Bluetooth connection on your phone and try pairing again.
 - Restart both your smartphone and the display unit.
 - Check for any software updates for your phone or the display.
- **No Audio Output:**
 - Verify that your Bluetooth headset/helmet is properly paired and connected to the display.
 - Check the volume levels on both the display and your headset/helmet.
 - If using FM transmitter, ensure the frequency is correctly set and matched on your motorcycle's radio.
- **Touchscreen Unresponsive:**
 - Restart the device.
 - Ensure the screen is clean and free from moisture or debris.
 - If the issue persists, contact customer support.

8. SPECIFICATIONS

Brand	Podofu
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Model Name	A3501
Item Model Number	A3501AM24DE
Screen Size	5 Inches
Screen Resolution	960 x 480
Display Type	LCD
Touchscreen Type	Capacitive
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Wireless CarPlay and Android Auto for motorcycles
Supported Navigation System	GPS
Memory Storage Capacity	Supports up to 64 GB (TF/SD card not included)
Audio Output Mode	Stereo, Mono
Mounting Type	Handlebar Mount
Compatible Vehicle Type	Motorcycle
Operating Temperature	-4°F to 149°F (-20°C to 65°C)
Waterproof Rating	IP67
Package Dimensions	27.5 x 22.5 x 12.5 cm; 720 g

9. WARRANTY AND SUPPORT

Podofu is committed to providing high-quality automotive electronics and excellent customer service.

- **Warranty:** This product comes with a 2-year warranty from the date of purchase.
- **Returns:** Enjoy a 60-day money-back guarantee.
- **Replacement:** Replacement units are available within 24 months for eligible issues.
- **Technical Support:** Lifetime after-sales consultation and technical support are provided.
- **Customer Service:** Expect a fast customer service response within 8 hours.

If you have any questions regarding product compatibility, installation, operation, or require technical assistance, please do not hesitate to contact Podofu customer support. We are here to help ensure your satisfaction.