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Roinvou Roinvou Motorcycle GPS Carplay Screen (Model B0CQJSTTKF)

Roinvou Motorcycle GPS Carplay Screen

User Instruction Manual

Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The Roinvou Motorcycle GPS Carplay Screen is a 5-inch waterproof touchscreen device designed to bring wireless CarPlay and Android Auto functionality to your motorcycle. It supports Bluetooth connectivity for audio and calls, loop recording, navigation via your smartphone, EQ sound adjustments, and voice assistants like Siri and Google Assistant. Its robust design is suitable for various weather conditions and includes anti-theft features.



Figure 1.1: Roinvou Motorcycle GPS Carplay Screen and its key components.

2. Setup and Installation

2.1 Package Contents

Before installation, ensure all components are present:

- Carplay Screen for Motorcycle
- Power Cable
- USB Adapter Cable
- 64GB TF Card
- Installation Accessories (bracket kit, tools)
- User Manual (this document)



Figure 2.1: Package contents and screen dimensions.

2.2 Mounting the Device

The device is designed for handlebar mounting and comes with a bracket kit. Select the appropriate bracket for your motorcycle. The bracket design helps prevent drops and vibrations.

2.3 Wiring Instructions

Connect the power cable to your motorcycle's ACC power supply. Ensure the negative terminal of the 12-volt power

supply is connected to the negative terminal of the device. Avoid connecting the negative pole to arbitrary metal parts of the motorcycle, as this can lead to power interruptions and restarts due to vibrations.

2.4 Initial Power On

Once properly wired, the unit will automatically start when your motorcycle is started. It will automatically turn off within 15 seconds to 5 minutes after the motorcycle is powered off, depending on your motorcycle's system.

3. Operation

3.1 Wireless CarPlay & Android Auto Connection

After starting the device, tap on the CarPlay or Android Auto function on the screen. Follow the on-screen instructions to connect your smartphone wirelessly. The device defaults to CarPlay; if you are an Android user, set Android Auto as the default startup in the device's background settings.



Figure 3.1: Wireless CarPlay and Android Auto interfaces.

3.2 Dual Bluetooth Functionality

The device features dual Bluetooth. This allows you to pair your mobile phone with the Carplay touchscreen via Bluetooth, and simultaneously pair the device with a Bluetooth helmet or headset. This enables hands-free calls, music playback, and volume control through your helmet or headset.

Note: The Bluetooth function in the main settings menu is for phone connection. To connect headphones or speakers, use the dedicated Bluetooth headset selection on the screen to search and pair your audio device.



Figure 3.2: Dual Bluetooth connection setup.

3.3 Voice Control and Navigation

Utilize Siri or Google Assistant for voice commands. This allows for hands-free navigation, making calls, and controlling music. Navigation is performed through your connected smartphone's mapping applications via CarPlay or Android Auto.



Figure 3.3: Voice control for navigation and calls.

3.4 EQ Sound Effect

The device includes EQ settings to adjust audio output. You can customize the sound profile to your preference, enhancing your music listening experience.



Figure 3.4: EQ Sound Effect settings.

3.5 Phone Mirror Link

The device supports Phone Mirror Link, allowing you to mirror your smartphone's screen directly onto the Carplay screen. This feature provides flexibility for displaying content not natively supported by CarPlay or Android Auto.



Figure 3.5: Phone Mirror Link functionality.

3.6 AUX/TF Input

The device includes a 3.5mm AUX input, a TF card slot, and a USB adapter port, providing multiple options for media playback and connectivity.



Figure 3.6: AUX, TF Card, and USB Adapter Port locations.

4. Maintenance and Care

4.1 Weather Resistance

The Roinvou Carplay Screen is IP65 waterproof, allowing it to withstand various weather conditions, including rain and snow. It is also designed with high temperature resistance.



Figure 4.1: Device performance in various weather conditions.

4.2 Anti-Shock and Anti-Glare Features

The device is designed to be anti-shock, protecting it from vibrations during riding. It also features an anti-glare sunshade cover for improved visibility in bright conditions.

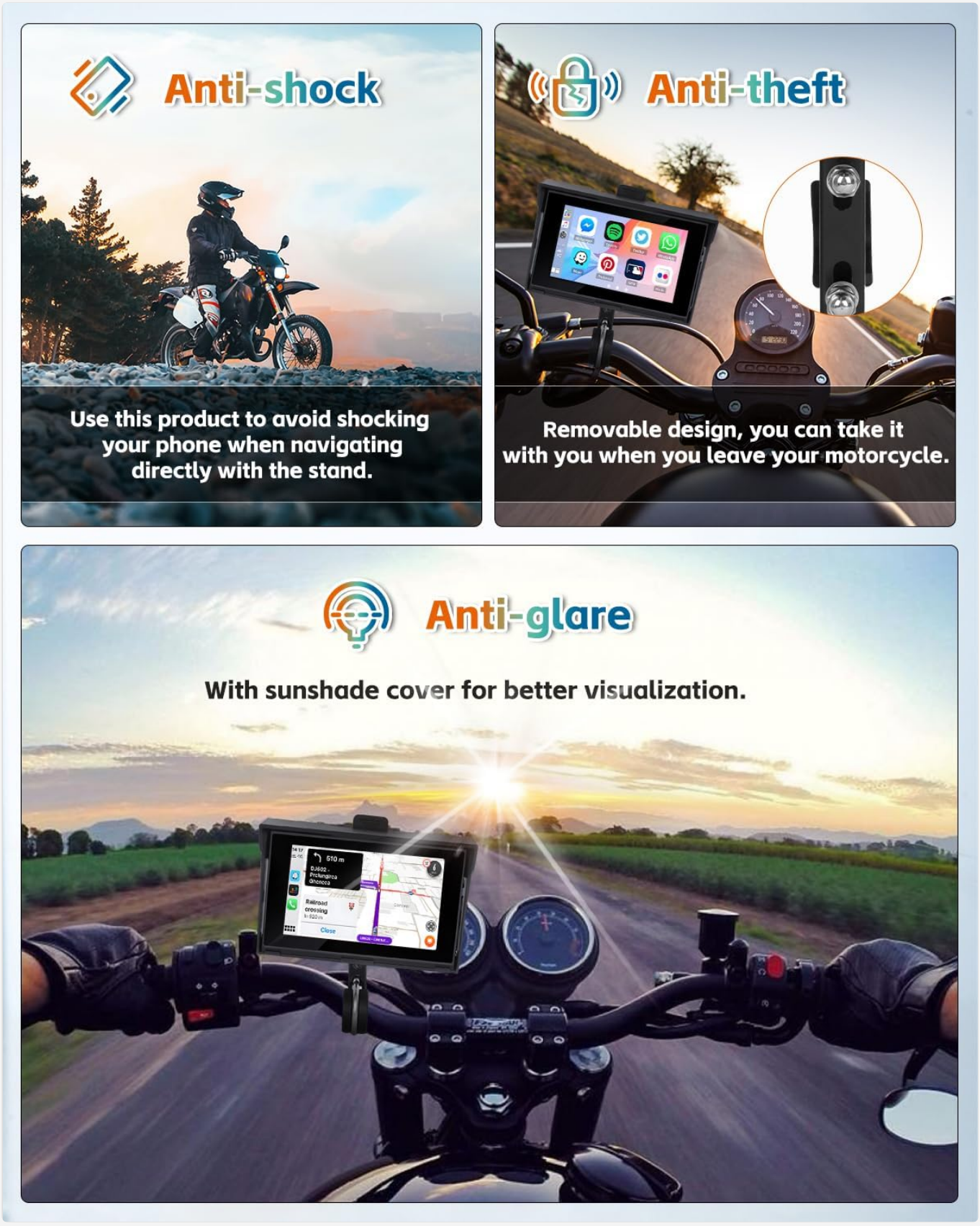


Figure 4.2: Anti-shock, anti-theft, and anti-glare design.

4.3 Anti-Theft Design

The touchscreen features a detachable design for anti-theft purposes. When re-installing the screen to the back cover,

ensure the screws are tightened to prevent loose contact and potential power issues during travel.

4.4 Cleaning

To clean the screen, use a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.

5. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on/off automatically.	Incorrect wiring or motorcycle's power system behavior.	Ensure ACC power supply is correctly connected. The device should auto-start with the motorcycle and auto-off within 15 seconds to 5 minutes after power-off.
Screen shuts down or restarts during use.	Loose contact between screen and back cover, or unstable power connection.	When re-installing the screen after detaching, ensure all screws are tightened to secure the connection. Verify stable power wiring.
Time on homepage not updated or incorrect.	No built-in battery for time memory.	The device does not have a built-in battery for time memory. When wireless CarPlay is connected, the time on the homepage updates within 3-5 seconds. For Android Auto, the synchronized phone time is displayed on the Android Auto screen, but not necessarily on the homepage. Do not manually set the clock.
Low audio volume.	Volume settings on multiple devices.	Check and adjust volume settings on the Carplay screen, your connected smartphone, and any connected Bluetooth helmet/headset or external stereo. Ensure all are set to appropriate levels.
Cannot connect Bluetooth helmet/headset.	Incorrect Bluetooth pairing method.	Ensure your helmet/headset is turned on and in pairing mode. Do not connect your mobile phone directly to the helmet/headset if you intend to connect it to the Carplay screen. Use the dedicated Bluetooth headset selection on the screen to search for and connect your audio device.
Wireless Android Auto/CarPlay not working with certain phones.	Compatibility issues with specific phone models.	Note that the product may not be fully compatible with all Samsung Note and S series phones. Ensure your phone supports wireless CarPlay or wireless Android Auto.
Screen difficult to see in direct sunlight.	Glare from sun.	Utilize the integrated sunshade cover to reduce glare and improve visibility.

6. Product Specifications

Brand	Roinvou
Model	Motorcycle GPS Carplay Screen (ASIN: B0CQJSTTKF)
Display Size	5 Inches
Item Weight	2.13 pounds
Package Dimensions	8.46 x 5.31 x 3.74 inches
Vehicle Service Type	Motorcycle
Connectivity Technology	Bluetooth, USB
Special Features	Bluetooth, Touchscreen, Waterproof (IP65), Apple CarPlay, Android Auto, Mirror Link, Anti-Theft Design, EQ Settings
Voice Command	Touchscreen (via connected phone's assistant)
Map Type	North America (via connected phone's navigation)
Audio Output Mode	Stereo
Mounting Type	Handlebar Mount
Operating System	Android (internal system, not user-facing OS)
Date First Available	December 18, 2023

7. Warranty and Support

7.1 Warranty Information

The Roinvou Motorcycle GPS Carplay Screen comes with a**1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

If you have any questions, encounter issues, or require assistance with your Roinvou Motorcycle GPS Carplay Screen, please contact us via Amazon. Our customer service team is available to help.

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