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› Portable Wireless CarPlay Touchscreen for Car: 4K Apple Carplay & Android Auto Car Play Screen with 4K Dash Cam/1080p Rear Camera/GPS Navigation/Bluetooth/Mirror Link/AirPlay (Obsidian Black-10IN) User Manual

Laviay Obsidian Black-10IN

Laviay Portable Wireless CarPlay Touchscreen User Manual

Model: Obsidian Black-10IN

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Laviay Portable Wireless CarPlay Touchscreen. This device enhances your driving experience by integrating smartphone functionalities, advanced navigation, and comprehensive recording capabilities directly into your vehicle.

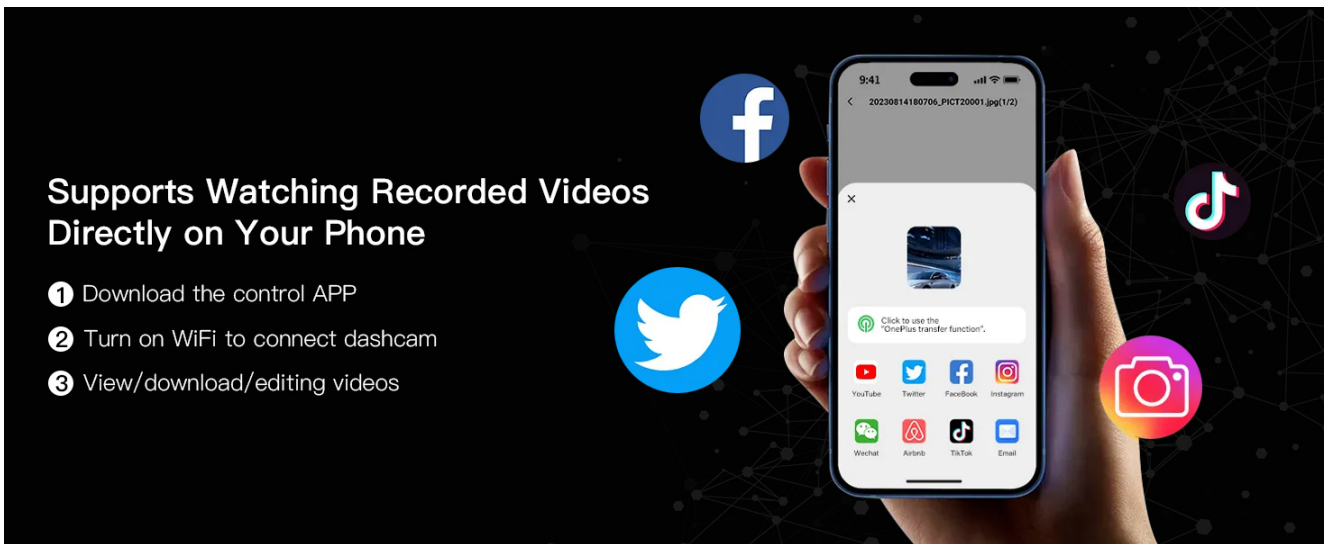


Image: The Laviay Portable Wireless CarPlay Touchscreen unit shown with its various components including the main screen, dash cam, rear camera, 64GB Micro SD card, and mounting brackets.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- Carplay Screen
- 4K Dash Camera
- 1080P Rear View Camera
- 64G MicroSD Card
- 2 Bracket Stands (Dash Mount and Suction Cup Mount)
- Aux Cable
- Power Cord with USB
- Camera Extension Cord
- Auxiliary Tools
- User Manual



Supports Watching Recorded Videos Directly on Your Phone

- 1 Download the control APP
- 2 Turn on WiFi to connect dashcam
- 3 View/download/editing videos

Image: A visual representation of all items included in the product package, such as the CarPlay screen, dash mount, suction mount, AUX cable, 3M glue, auxiliary tools, backup camera, power cable, 64GB TF card, and user manual.

3. SETUP AND INSTALLATION

3.1 Choosing a Mounting Location

The Laviay CarPlay Touchscreen offers two primary mounting options: dashboard mount and suction cup mount. Select the option that provides optimal visibility and minimal obstruction to your driving view.

- **Dashboard Mount:** Provides a stable, semi-permanent installation. Ensure the dashboard surface is clean and dry before applying the 3M adhesive.
- **Suction Cup Mount:** Offers flexibility for repositioning. Ideal for windshield mounting.



Image: Illustrations showing the two types of brackets included: a dash mount and a suction cup mount, demonstrating their flexibility and 360-degree rotation capabilities.

3.2 Connecting the Power

Connect the provided power cord to the CarPlay screen and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket).

3.3 Installing the Cameras

Front 4K Dash Camera: The main unit includes an integrated 4K dash camera. Ensure its view is unobstructed after mounting.

Rear 1080P Camera: Install the rear camera at the back of your vehicle, typically near the license plate. Route the

camera extension cord discreetly to the main unit. This camera provides a 1080P view and assists with reversing.



Image: A visual guide illustrating the 4K front camera's recording capabilities and the 1080P rear camera's view, including dual recording and reverse view examples.

3.4 Audio Output Connection

The unit supports multiple audio output methods to integrate with your car's stereo system:

- **Bluetooth:** Pair the CarPlay screen with your car's Bluetooth system.
- **AUX Connection:** Use the provided AUX cable to connect the unit's AUX output to your car's AUX input.
- **FM Transmitter:** Tune the CarPlay screen to an unused FM frequency, then tune your car's radio to the same

frequency.

- **Built-in Speaker:** The unit has a built-in speaker for direct audio output.



Image: Depicts the four expressive audio output methods: Bluetooth, AUX Connection, FM Transmitter, and Built-in Speaker, showing how each integrates with the car's audio system.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay & Android Auto

Once powered on, the unit will automatically attempt to connect to your smartphone via Wireless CarPlay (for Apple

devices) or Android Auto (for Android devices). Ensure Bluetooth and Wi-Fi are enabled on your phone.

- **Apple CarPlay:** Provides access to iOS apps, navigation, music, and messages.
- **Android Auto:** Offers similar functionalities for Android smartphones.



Image: Screenshots of the Apple CarPlay, Android Auto, and Mirror Link interfaces displayed on the Laviay screen within a car's interior.

4.2 Smart Voice Command (Siri/Google Assistant)

Utilize voice commands for hands-free operation. Activate Siri or Google Assistant through the touchscreen or a dedicated button (if available) to make calls, send messages, navigate, and control music.

Siri/Google Voice Control

Hey, Siri, Call Alan

Hi, Google, Play Some Music

Hey, Siri, Navigate home

Hi, Google, Send message to Lisa



Call



Waze



Google Map



Apple Map



Music



Message

Image: A visual representation of voice commands being used with Siri and Google Assistant for tasks like calling, navigating, and sending messages, displayed on the CarPlay screen.

4.3 Dash Cam Recording and Playback

The unit continuously records footage from the front 4K and rear 1080P cameras onto the included 64GB Micro SD card. Loop recording ensures older files are overwritten when the card is full, unless locked.

To view recordings, access the video playback menu on the screen. You can also download the "Road Cam" mobile application to view and transfer footage directly to your smartphone via Wi-Fi connection to the dashcam.

Endless Loop Recording Internal memory card



Seamless Playback



Scan with your phone to watch and save clips instantly—64GB Built-In Memory with Auto-Overwrite for Endless Recording

Image: Shows the video playback interface on the CarPlay screen and a QR code for downloading the "Road Cam" app to view and save clips on a smartphone, highlighting the 64GB built-in memory with auto-overwrite.

Download the "Road Cam" app here: <http://www.ligoor.com/app/roadcam/roadcam.html>

4.4 Mirror Link & AirPlay

Project your smartphone's screen onto the CarPlay unit using Apple AirPlay (for iOS) or Android Cast (for Android). This allows you to view content directly from your phone on the larger screen.

Mirror Link & Auto Light Sensing

Automatically Adjusts Brightness According To Driving Light

AirPlay

-For IOS



Andriod Cast

-For Andriod



AUTO



Image: Demonstrates the Mirror Link functionality (AirPlay for iOS, Android Cast for Android) and the auto-brightness control feature, which adjusts screen brightness based on ambient light.

4.5 Personalized Startup Screen

You can customize the startup screen logo. Contact Laviay after-sales service upon arrival of your product to arrange for customization based on your preferences.

Unlimited Loop Recording

Automatically Free Memory: Overwrite Unlocked Videos for Continuous Recording. Benefit from Built-in 64GB Memory Card for Ample Storage. Ensure Crucial Footage: Automatic Locking of Important Videos in Collision Events.



Image: Explains how to customize the startup screen: contact customer service, send ideas, and the official team will implement the customized interface.

5. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the manufacturer's website or contact support for available firmware updates to ensure optimal performance and new features.
- **SD Card Management:** The 64GB Micro SD card is designed for loop recording. For long-term storage of important footage, regularly transfer files to another device.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; faulty cable.	Ensure the power cord is securely plugged into the unit and the vehicle's 12V outlet. Check the vehicle's fuse for the 12V outlet.
Cannot connect to CarPlay/Android Auto wirelessly.	Bluetooth/Wi-Fi not enabled; incorrect pairing.	Ensure Bluetooth and Wi-Fi are active on your smartphone. Forget previous connections on both devices and re-pair. Reboot the unit if necessary.
No audio from car speakers.	Incorrect audio output setting; phone connected to multiple devices.	Verify the audio output method (Bluetooth, AUX, FM Transmitter) is correctly configured on the unit and your car stereo. If using AUX, ensure the cable is fully inserted. If using FM, confirm the frequency matches and is clear. Disconnect your phone from other Bluetooth devices in the car.
Dash cam footage is unclear or not recording.	Lens obstruction; SD card issue; low light.	Clean the camera lens. Ensure the 64GB Micro SD card is properly inserted and not full (loop recording should manage this, but check for locked files). The unit features low-light night vision, but extreme darkness may affect clarity.
Screen brightness is too low/high.	Auto-brightness sensor obstructed or setting.	The unit has auto-brightness control. Ensure the light sensor is not obstructed. Adjust brightness manually in settings if needed.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	0.99 x 9.26 x 3.2 inches
Item Weight	1 pounds
Screen Size	10.26 Inches
Resolution	4K (Front Camera)
Rear Camera Resolution	1080P
Connectivity Technology	Wireless (Bluetooth, Wi-Fi), Auxiliary
Special Features	Apple CarPlay, Android Auto, Touch Screen, Voice Control, Mirror Link, Hands-Free Calling, GPS Navigation, Built-In Speaker, Loop Recording, Built-In WiFi, Built-In Bluetooth, Auto-Brightness Control
Included Storage	64GB MicroSD Card
Mounting Type	Dashboard Mount, Suction Cup Mount
Manufacturer	Laviay
Country of Origin	China

8. WARRANTY AND SUPPORT

Laviay is committed to providing excellent customer service and support for your product.

- **Quick Reply:** Expect a reply to inquiries within 24 hours.
- **Return Policy:** 90-day no-worry return period.
- **Replacement:** Replacement available within 12 months of purchase.
- **Technical Support:** Lifetime after-sales consultation and technical support.

For support, please refer to the contact information provided with your product or visit the official Laviay store on Amazon: Laviay Store.

Laviay



24 Hours

Quick reply within 24 hours



90 Days

60 days no worry to return



12 Months

Replacement available within 12 Months



Lifetime

Lifetime after-sales consult and technical support

Image: Details on Laviay's customer support, including 24-hour quick reply, 90-day return policy, 12-month replacement, and lifetime technical support.