

CARPURIDE W903

CARPURIDE W903 Wireless Carplay & Android Auto Portable Touchscreen User Manual

Model: W903

1. INTRODUCTION

The CARPURIDE W903 is a portable 9.3-inch touchscreen display designed to enhance your driving experience by integrating wireless CarPlay and Android Auto functionalities. This device also features a 4K front dash camera and a 1080p backup camera, providing comprehensive recording and parking assistance. With its intuitive interface, mirror link capabilities, voice control, and various audio output options, the W903 offers a modern and safe way to access navigation, communication, and entertainment in your vehicle.



Figure 1.1: CARPURIDE W903 Portable Touchscreen System

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the device to ensure proper operation and to prevent damage or injury. Keep this manual for future reference.

- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Ensure the device is securely mounted and does not obstruct your view of the road or interfere with vehicle controls.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only the provided power adapter (Type-C 5V 2.5A car charger) to prevent damage to the unit. Do not use higher voltage chargers.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.
- Clean the screen with a soft, dry cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

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

- 1 x CARPURIDE W903 Unit
- 1 x 64GB TF Card
- 1 x Type-C Car Charger
- 1 x Suction Cup Mount
- 1 x Strong Suction Cup Mount (for dashboard)
- 1 x User Manual
- 1 x Rearview Camera
- 1 x Auxiliary Cable (3.5mm Audio Cable)

Wider Compatible



Car



Truck



Caravan



Van



Trailers



Campers

Packing List

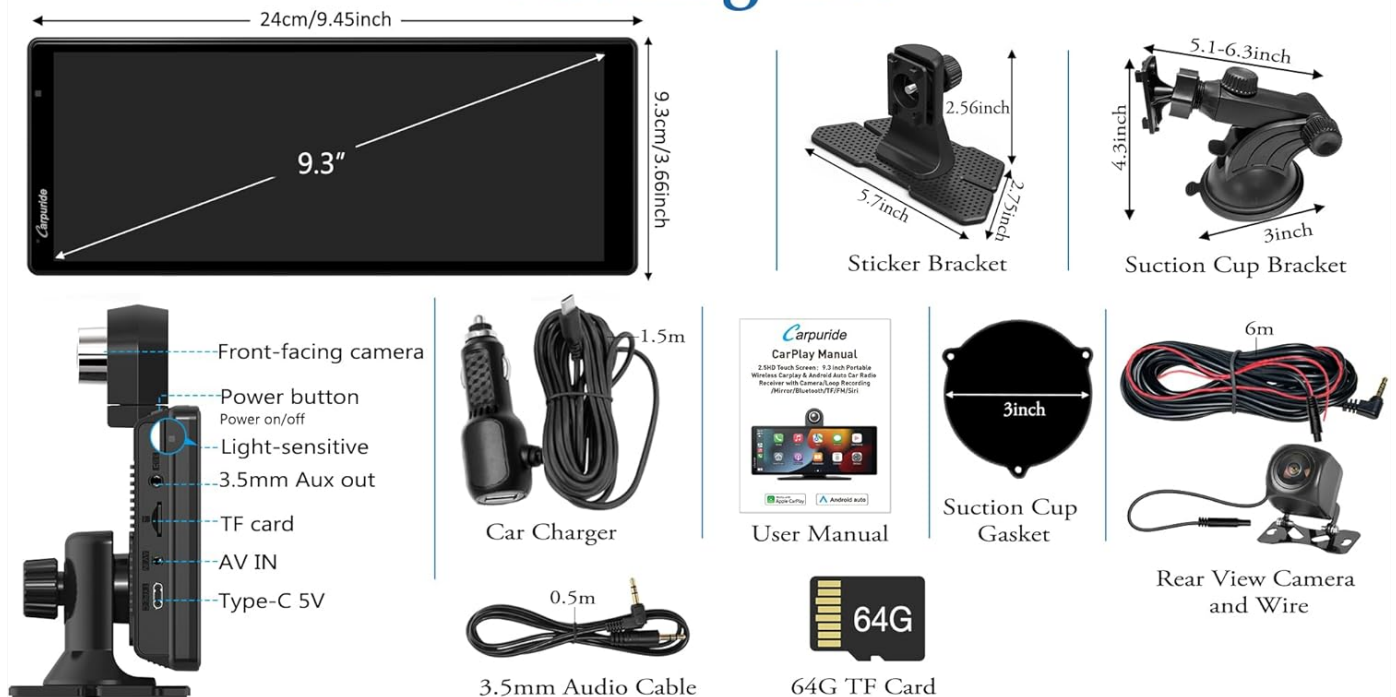


Figure 3.1: Included Accessories and Packing List

4. SETUP AND INSTALLATION

4.1 Mounting Options

The CARPURIDE W903 offers flexible mounting options to suit your vehicle's dashboard or windshield. Choose the most suitable method for optimal visibility and stability.

- **Suction Cup Mount:** Attach the suction cup to a clean, smooth area of your windshield. Ensure it does not obstruct your view.
- **Strong Suction Cup Mount (Dashboard):** For dashboard installation, use the strong suction cup mount. Clean the dashboard surface thoroughly before attaching.

The base supports 360-degree rotation, allowing you to adjust the height and length according to your personal visual preferences. Ensure the unit is firmly secured to prevent movement during driving.



Figure 4.1: Mounting and Rotation

4.2 Power Connection

Connect the provided Type-C car charger to the unit's Type-C 5V port and plug the other end into your vehicle's 12-24V power outlet. The unit requires a 5V 2.5A power input. Using a charger with different specifications may cause damage to the device.

4.3 Rear Camera Installation

Install the waterproof rearview camera at the rear of your vehicle. Route the camera cable carefully to the main unit, ensuring it does not interfere with any moving parts or vehicle systems. Connect the camera cable to the designated AV IN port on the W903 unit.

5. OPERATING INSTRUCTIONS

5.1 Wireless CarPlay & Android Auto

The W903 is compatible with both wireless Apple CarPlay and Android Auto. Once wirelessly linked, your phone's features, including GPS navigation, messaging, phone calls, and music, are displayed on the 9.3-inch HD touchscreen. This allows for safe and convenient access without needing to handle your mobile phone.

Carpurid Apple Carplay, A-Auto & Mirror Link



Figure 5.1: Wireless CarPlay, Android Auto, and Mirror Link

5.2 Dash Cam Features (4K Front, 1080p Rear)

The integrated dash cam system includes a 4K HD front camera and a 1080p waterproof rear camera. These cameras capture clear footage in various lighting conditions, day or night. The front camera features a wide-angle lens and can be rotated 350 degrees to suit your installation or to record inside the car, which is useful for monitoring children in the back seat.

5.3 Loop Recording

The device supports loop recording and includes a 64GB TF card for storage. When the storage is full, the oldest footage is automatically overwritten. You can enter the recording mode, play back dashcam videos on the unit, or transfer them to your phone.

Split Screen Display

Equipped with 1080P HD front and rear camera & 64G TF card



Navigation + Music



Android Auto + Camera



Front Camera + Rear Camera



Apple Carplay + Camera

Auto Loop Recording



Front Camera



Rear Camera

Figure 5.2: Split Screen Display and Recording Features

5.4 Backup Camera Functionality

When reversing, the front and rear camera views can be displayed simultaneously on the screen, enhancing safety and effectiveness during parking maneuvers.

Other's Portable Carplay

The car stereo can only be adjusted for brightness manually, which is very inconvenient while driving



Carpuride' Light Sensor Design

The screen brightness can be adjusted automatically or manually and will adapt to changes in ambient light.







Too bright at night, irritating the eyes.



Drive safely and protect your eyes.

Figure 5.3: Backup Camera View

5.5 Mirror Link (Airplay/Android Cast)

The W903 supports wireless Airplay (for iOS) and Android Cast (for Android). This feature allows you to seamlessly connect and sync content from your phone, including videos and movies, to the 9.3-inch HD IPS touchscreen (1600x600 resolution). The screen offers a 178-degree wide viewing angle and supports bi-directional video split display.

Super Link

In Super Link mode, you can watch online videos ,downloaded video / images, or use mirror casting mode (Android phone)



Attention:

- (1) Please download the corresponding Evelink App based on your phone model.
- (2) The available online videos may vary depending on the IP address.
- (3) If you use the AirDrop function, the phone cannot be turned off. and the playback will be paused when the screen is turned off.

Figure 5.4: Mirror Link Functionality

5.6 Voice Control (Siri/Google Assistant)

Utilize the built-in microphone and 8Ω2W speaker for clear audio. The device supports voice control through your phone's Siri or Google Assistant, enabling hands-free calls, music playback, text notifications, and navigation commands.

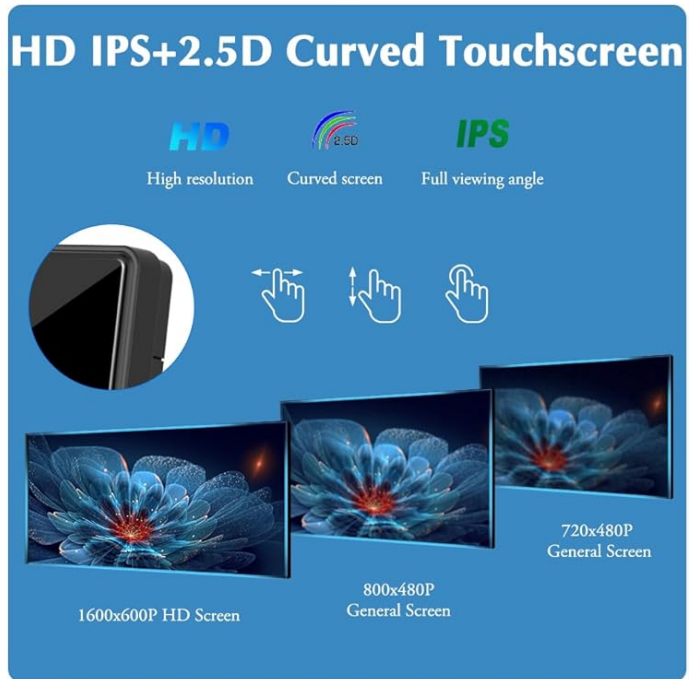


Figure 5.5: Voice Control and Navigation

5.7 Bluetooth Audio & FM Transmission

The W903 offers enhanced Bluetooth audio output options, allowing seamless connection to your car's Bluetooth for calls and audio playback. You can also enjoy audio through the unit's built-in speaker, AUX connection, or by using the FM transfer function (FM Range: 2402-2480MHz) to broadcast audio to your car's radio.



Figure 5.6: Audio Output Options

5.8 Split Screen Display

The 9.3-inch display supports bi-directional video split display, allowing you to view multiple functions simultaneously, such as navigation and camera feed, or music and a map.

5.9 Sensor Light Design

The integrated sensor light automatically adjusts the display brightness based on ambient light conditions. This feature helps protect your eyes by dimming the screen in dark environments (e.g., tunnels) and brightening it in bright conditions, ensuring optimal visibility and reducing eye strain.



Figure 5.7: Sensor Light Feature

5.10 Rotating Front Camera

The front camera can be rotated 350 degrees, allowing it to function not only as a driving recorder but also as an in-car camera. This is particularly useful for observing passengers, such as young children in the back seat.

Rotate The Front Camera in 350°

Multiple different uses, not only as a driving recorder, but also as an in car camera, always caring for the safety of the baby in the back seat



Figure 5.8: Rotating Front Camera

6. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior of the device. For stubborn smudges, slightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or solvents.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight.
- **Software Updates:** Periodically check the manufacturer's website for any available software or firmware updates to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

If you encounter issues with your CARPURIDE W903, refer to the following table for common problems and their solutions.

Problem	Possible Cause	Solution
Device does not power on	No power, incorrect charger, loose connection	Ensure car charger is properly connected and vehicle's power outlet is active. Use only the provided 5V 2.5A charger.
Wireless CarPlay/Android Auto disconnects frequently	Interference, weak Wi-Fi/Bluetooth signal, phone settings	Ensure no other devices are interfering. Restart both the W903 and your phone. Check phone's Wi-Fi/Bluetooth settings.
No audio output	Incorrect audio setting, low volume, FM interference	Check volume levels on both the W903 and your car stereo. Verify correct audio output mode (Bluetooth, AUX, FM). Adjust FM frequency if experiencing static.
Dash cam not recording or footage is corrupted	TF card issue, incorrect settings	Ensure the 64GB TF card is properly inserted. Format the TF card through the device settings. Check loop recording settings.
Rear camera not displaying	Loose connection, faulty camera	Check the connection of the rearview camera cable to the AV IN port. Ensure the camera is powered correctly.
Screen too bright/dim	Sensor light disabled, manual adjustment needed	Ensure the sensor light feature is enabled in settings. If not, adjust brightness manually.

8. SPECIFICATIONS

Feature	Detail
Brand	CARPURIDE
Model Name	carpuride w903 with dash cam
Part Number	canada-901
Screen Size	9.3 Inches
Display Type	LCD, HD IPS + 2.5D Curved Touchscreen
Front Camera Resolution	4K
Rear Camera Resolution	1080p
Included Memory Card	64 GB TF Card
Connectivity	Bluetooth, Wi-Fi
Tuner Technology	FM (2402-2480MHz)

Feature	Detail
Compatible Devices	Smartphone (Apple CarPlay, Android Auto, Airplay, Android Cast)
Special Features	Loop Recording, Voice Control (Siri/Google), Sensor Light Design, Split Screen, 350° Rotatable Front Camera
Power Input	Type-C 5V 2.5A
Voltage Range	12-24V (Compatible with all models)
Audio Output Mode	Stereo (Built-in speaker, AUX, FM)
Product Dimensions	4.61 x 24.1 x 9.3 cm
Weight	1.1 kg

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official CARPURIDE website. If you require technical support, have questions about product operation, or need assistance with troubleshooting beyond what is covered in this manual, please contact CARPURIDE customer service through their official channels.

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