

CARPURIDE W903Plus

CARPURIDE W903Plus 9.3-inch Wireless CarPlay & Android Auto System User Manual

Model: W903Plus

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CARPURIDE W903Plus 9.3-inch Wireless CarPlay & Android Auto System. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

- 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 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 cable and accessories. Using unauthorized accessories may damage the device or cause safety hazards.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel for any repairs.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- CARPURIDE W903Plus Car Stereo Unit
- Car Charger (Type-C 5V/2.5A)
- Self-adhesive Bracket
- Suction Cup Bracket
- External GPS Antenna
- Rearview Camera (with 6m cable)
- 3.5mm Audio Cable (AUX)

Wider Compatible



Packing List

				
 Car Charger	 Self-adhesive Bracket	 Suction Cup Bracket	 Suction Cup Gasket	 GPS
 Rearview camera			 3.5mm Audio Cable	 User Manual

Image: Overview of the CARPURIDE W903Plus packing list and component dimensions.

4. PRODUCT OVERVIEW

The CARPURIDE W903Plus is a portable car multimedia system featuring a 9.3-inch HD IPS touchscreen. It supports wireless Apple CarPlay and Android Auto, offering navigation, communication, and entertainment functionalities.

9.3-Inch Carplay Screen for Car



Image: Main screen interface displaying key features like CarPlay, Android Auto, and various applications.

Key Features:

- **9.3-inch HD IPS Touchscreen:** 1600 x 600 pixel resolution for clear visuals and precise touch operation.
- **Wireless Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, messages, and music.
- **Android Operating System:** 4GB RAM + 64GB internal storage, allowing installation of apps via Google Play Store (e.g., YouTube, Amazon Music).
- **External GPS Antenna:** Ensures precise positioning and supports offline navigation.
- **Intelligent Voice Control:** Hands-free operation via Siri or Google Assistant.
- **Enhanced Bluetooth:** Dual audio modes for music playback and hands-free calls.
- **Backup Camera Support:** Integrated 2.5mm camera input for automatic display when reversing.
- **Universal Compatibility:** Supports 12V to 24V vehicles, powered via Type-C connector (5V/2.5A or 5V/3A recommended).

5. SETUP

5.1 Mounting the Device

The CARPURIDE W903Plus offers flexible mounting options for your dashboard or windshield.

1. **Choose a Location:** Select a position on your dashboard or windshield that does not obstruct your view, interfere with airbags, or block vehicle controls.
2. **Attach Bracket:**
 - **Suction Cup Bracket:** Clean the chosen surface. Press the suction cup firmly against the surface and engage the locking lever.
 - **Self-adhesive Bracket:** Clean and dry the chosen surface thoroughly. Peel off the protective film from the adhesive pad and firmly press the bracket onto the surface for at least 30 seconds. Allow adhesive to cure for 24 hours before mounting the device.
3. **Attach Device to Bracket:** Secure the CARPURIDE W903Plus unit to the chosen bracket. The adjustable support allows 360° rotation for optimal screen positioning.

5.2 Power Connection

The device is powered via a Type-C 5V/2.5A connector.

1. Connect the provided car charger to the Type-C port on the CARPURIDE W903Plus.
2. Plug the other end of the car charger into your vehicle's cigarette lighter socket.
3. For stable operation, ensure the power supply is at least 5V/2.5A or 5V/3A.

5.3 External GPS Antenna Installation

The external GPS antenna ensures precise positioning, especially in areas with weak signals.

1. Connect the external GPS antenna to the designated port on the CARPURIDE W903Plus unit.
2. Position the antenna in a location with a clear view of the sky, ideally on the dashboard near the windshield, to maximize signal reception.

Why do you need GPS antenna



To use in a vehicle where GPS antenna can't be placed near a window.



While hiking or camping where the signal is weak.



To minimize temporary loss of signal while driving.



Image: Illustration of external GPS antenna connection and placement for optimal signal.

5.4 Backup Camera Connection (Optional)

The device supports a backup camera connection via its integrated 2.5mm camera input.

1. Connect the provided rearview camera cable to the 2.5mm camera input on the CARPURIDE W903Plus.
2. Route the camera cable to the rear of your vehicle and install the camera according to its specific instructions.
3. Ensure the camera is powered correctly (usually by connecting to the vehicle's reverse light circuit).

AHD Adjustable Backup Camera

See every curb, child, and obstacle—make reversing as simple as looking ahead



Image: Visual representation of the backup camera display with adjustable assist lines.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- The device will typically power on automatically when your vehicle's ignition is turned on.
- To manually power on/off, press and hold the power button located on the unit.

6.2 Connecting to Apple CarPlay / Android Auto

The CARPURIDE W903Plus supports wireless Apple CarPlay (iOS 6.0+) and Android Auto (Android 11+).

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the CARPURIDE W903Plus screen, select the "CarPlay" or "Android Auto" icon.
3. Follow the on-screen prompts to pair your smartphone via Bluetooth. Once paired, the system will establish a Wi-Fi

connection for wireless CarPlay/Android Auto.

4. Your smartphone's interface will then be displayed on the CARPURIDE screen, allowing access to navigation, calls, messages, and music.

6.3 Using the Android System and Google Play

The device runs on an Android operating system with 4GB RAM and 64GB storage.

1. **Wi-Fi Connection:** Connect the CARPURIDE W903Plus to a Wi-Fi network or your mobile hotspot to access online features.
2. **Google Play Store:** Once connected to the internet, you can access the Google Play Store to download and install various applications such as YouTube, Amazon Music, and navigation apps.
3. **Offline Apps:** The system also supports installing offline applications via a TF card.



Image: Accessing Google Play Store and entertainment applications on the device.

6.4 Navigation

The CARPURIDE W903Plus offers flexible navigation options:

- **Integrated Android Navigation:** Use the pre-installed navigation features within the Android system.
- **Offline Maps:** Download maps in advance for use without an internet connection, ideal for areas with limited network coverage.
- **CarPlay/Android Auto Navigation:** Mirror your preferred navigation apps (e.g., Google Maps, Waze) from your smartphone via Apple CarPlay or Android Auto for real-time traffic updates.

Online & Offline GPS Navigation

Independent GPS Navigation

Connect via Mobile Hotspot
More Satellite Data Captured



Faster & More Accurate Positioning
Download Navigation Apps from Google Play

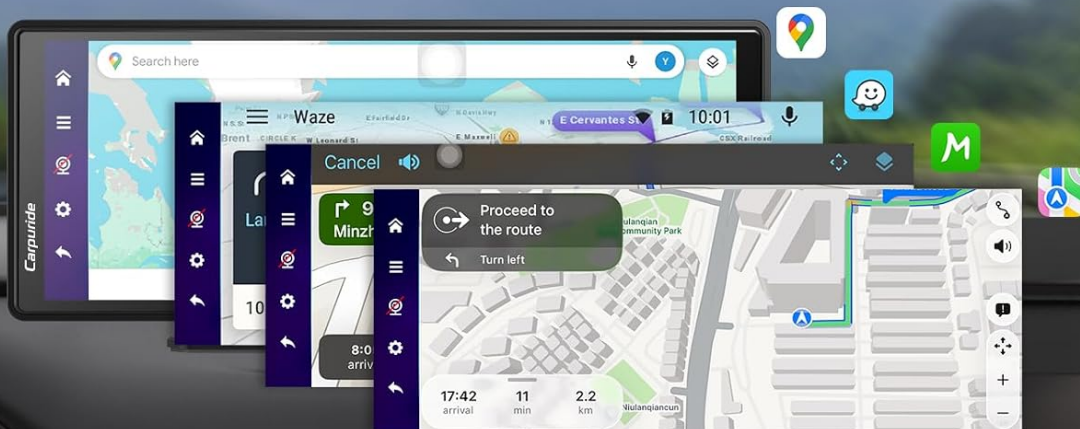


Image: Demonstrating online and offline GPS navigation capabilities and various navigation app interfaces.

6.5 Voice Control

Utilize the built-in microphone for intelligent voice control:

- Activate Siri or Google Assistant to make calls, send messages, play music, or set navigation destinations hands-free.
- This feature enhances safety by minimizing manual interaction with the device while driving.

6.6 Audio Output

The device offers multiple audio output options:

- **Built-in Speaker:** For basic audio playback.
- **Bluetooth:** Connect to external Bluetooth speakers or your vehicle's audio system for higher quality sound.
- **AUX Output:** Use the provided 3.5mm audio cable to connect to your vehicle's AUX input.

When using Apple CarPlay or Android Auto, audio playback will typically route through the connected Bluetooth speakers or the vehicle's audio system.

6.7 Backup Camera Operation

If a backup camera is connected, the image will automatically display on the screen when the vehicle is shifted into reverse, assisting with parking and maneuvering.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior of the device. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Connect the device to Wi-Fi and navigate to the system settings for updates.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Solution
Device does not power on.	◦ Ensure the car charger is securely plugged into both the device and the vehicle's cigarette lighter socket. ◦ Verify that the vehicle's cigarette lighter socket is receiving power. ◦ Check if the power supply meets the recommended 5V/2.5A or 5V/3A.
CarPlay/Android Auto not connecting wirelessly.	◦ Ensure Bluetooth and Wi-Fi are enabled on your smartphone. ◦ Check if your smartphone's operating system is compatible (iOS 6.0+ or Android 11+). ◦ Forget the device in your phone's Bluetooth settings and re-pair. ◦ Restart both the CARPURIDE unit and your smartphone.
GPS signal is weak or inaccurate.	◦ Ensure the external GPS antenna is properly connected and positioned with a clear view of the sky. ◦ Move the antenna to a different location if necessary. ◦ Check for any obstructions blocking the antenna's signal.

Problem	Possible Solution
No sound output.	◦ Check the volume settings on both the CARPURIDE unit and your vehicle's audio system. ◦ Ensure the correct audio output method (Bluetooth, AUX, or internal speaker) is selected. ◦ If using Bluetooth, ensure your vehicle's audio system is set to the correct Bluetooth input. ◦ If using AUX, ensure the 3.5mm cable is securely connected to both the device and your vehicle's AUX input.
Backup camera not displaying.	◦ Verify that the backup camera is correctly connected to the 2.5mm input on the CARPURIDE unit. ◦ Ensure the camera is receiving power and is properly wired to trigger when the vehicle is in reverse. ◦ Check the camera settings on the CARPURIDE unit.

9. SPECIFICATIONS

Feature	Detail
Model Number	W903Plus
Brand	CARPURIDE
Screen Size	9.3 inches HD IPS Touchscreen
Resolution	1600 x 600 pixels
Operating System	Android
RAM	4GB
Internal Storage	64GB
Connectivity Technology	Auxiliary, Bluetooth, USB, Wi-Fi
Compatible Devices	Smartphone (iOS 6.0+, Android 11+)
Special Features	Android Auto, Apple CarPlay, Voice Control, GPS Navigation, Digital Display Screen
Connector Type	USB Type C (Power)
Power Input	5V/2.5A (recommended 5V/3A)
Vehicle Compatibility	12V to 24V vehicles
Product Dimensions (D x W x H)	4.6 x 24 x 9.3 cm
Supported Internet Services	Amazon Music, YouTube (via Google Play)
Audio Output Type	Bluetooth, Speaker, AUX

10. WARRANTY AND SUPPORT

Information regarding warranty and specific support contacts is not available in this manual. Please refer to the product packaging, your purchase receipt, or the CARPURIDE official website for detailed warranty terms and customer support information.

For technical assistance or inquiries, please contact the seller or manufacturer directly.

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