Carpuride W903S3

CARPURIDE W903S3 9.3 Inch HD Wireless Carplay & Android Auto Screen Instruction Manual

Model: W903S3

Brand: Carpuride

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CARPURIDE W903S3 9.3 Inch HD Wireless Carplay & Android Auto Screen. This device features a 4K front camera, 1080P wired rear camera, and an infrared in-car camera, along with wireless Apple CarPlay and Android Auto functionality, GPS navigation, Bluetooth, voice control, and loop recording capabilities. Please read this manual thoroughly before use to ensure proper functionality and safety.

SETUP

1. Unpacking and Component Check

Verify that all components are present in the package:

- 1* 903S3 car stereo (main unit)
- Suction Cup Bracket
- Sticker Bracket
- Car Charger
- 3.5mm Audio Cable
- Suction Cup Gasket
- Rear View Camera & Wire (6-meter cable)
- Infrared Camera & Cartoon silicone sleeve*2
- 64GB TF Card (pre-installed)
- User Manual

Figure 1: Package Contents

The image above displays the complete list of items included with your CARPURIDE W903S3 unit. Ensure all parts are present before proceeding with installation.

2. Mounting the Main Unit

Choose between the suction cup bracket for windshield mounting or the sticker bracket for dashboard mounting. Ensure the chosen location does not obstruct your view or interfere with vehicle controls.

1. Attach the chosen bracket to the main unit.
2. Securely mount the unit to your desired location.
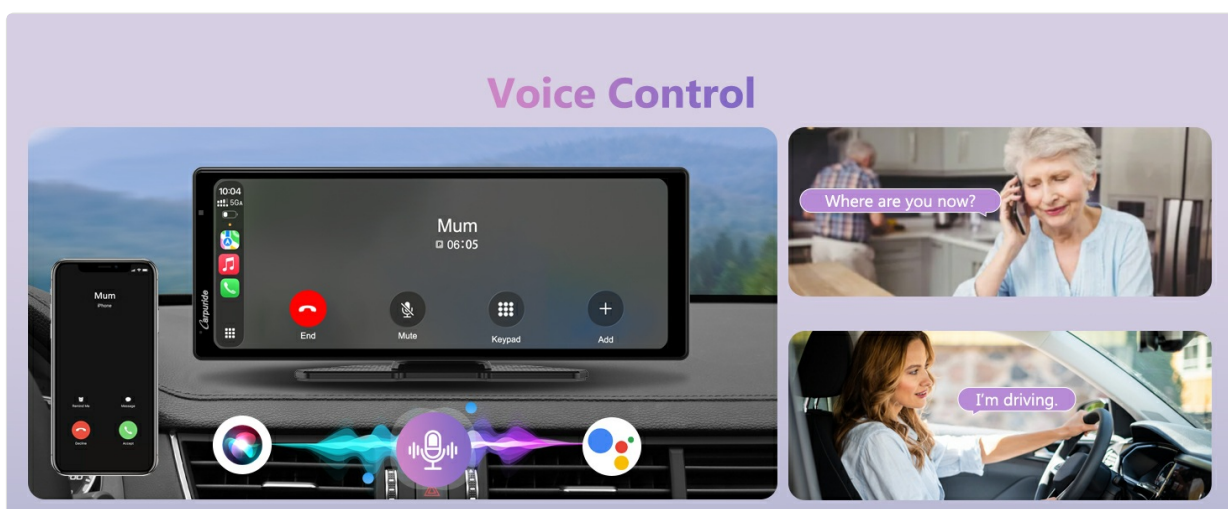3. Adjust the screen angle for optimal viewing.

Figure 2: Front Camera and Mounting Bracket Adjustment

The diagram shows how to attach the screen to the mount and adjust the front camera. The front camera is 350° rotatable; avoid excessive rotation to prevent cable loosening or disconnection. Gently adjust within the marked range.

3. Power Connection

Connect the main unit to your vehicle's 12V power supply using the provided Type-C car charger. Only use the original Carpuride car charger, as it includes a built-in FM antenna crucial for optimal FM performance. The car charger also features a USB port for charging 12V devices and a button to manually switch to the rear view camera feed.

Figure 3: Power Supply and Car Charger Features

The image illustrates the Type-C power connection to the main unit and highlights the features of the car charger: **1. Power Button** (Press to turn the screen on/off), **2. USB Port** (For charging 12V devices only), **3. Rear Camera Button** (Press to manually switch to rear view).

4. Camera Installation

The W903S3 includes a 4K front camera (integrated), a 1080P wired rear camera, and a 1080P infrared in-car camera.

- **Rear Camera:** Install the 1080P wired rear camera at the back of your vehicle. Connect it to the main unit using the provided 6-meter cable. The unit automatically displays the camera feed when reversing.
- **Infrared In-car Camera:** Install the 1080P infrared camera to monitor the vehicle's interior, such as backseat children. Rotate the infrared camera to face the interior and avoid direct exposure to window glass to prevent flickering images.

Figure 4: In-car Wired Infrared Camera Installation

This image demonstrates the installation of the in-car wired infrared camera, typically mounted on a headrest to monitor the vehicle's interior. The camera automatically switches between color and black-and-white based on light conditions. Flickering or switching is normal due to changing light or reflections; avoid bright or reflective light sources to reduce flicker.

Figure 5: Three-Channel Camera System Overview

This diagram provides an overview of the three camera channels: a 4K front camera with a 170° view, a 1080P cabin infrared camera with a 170° view, and a 1080P rear camera with a 170° view, offering comprehensive recording.

5. TF Card Insertion

The device comes with a pre-installed 64GB TF card. This card is designed exclusively for dashcam video storage and supports up to 256GB expansion. It does not support media playback (music/videos) directly from the card.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press the power button on the car charger to turn the screen on or off. The device will display the Carpuride logo upon startup.

2. Wireless CarPlay & Android Auto Connection

The CARPURIDE W903S3 supports wireless Apple CarPlay (iOS 6 and above) and Android Auto (Android 11 and above). Huawei phones and phones running HarmonyOS are not compatible.

For Apple CarPlay:

1. On your iPhone, open CarPlay, then turn on Wi-Fi and Bluetooth.
2. On the CARPURIDE screen, select the "Carplay" icon.
3. On your iPhone, find "Carpuride-xxxx" in the Bluetooth settings, click to connect.
4. Confirm pairing and allow access if prompted.
5. The connection should be successful, and CarPlay will launch on the screen.

Figure 6: Apple CarPlay Connection Steps

This image visually guides you through the process of connecting your iPhone to the CARPURIDE W903S3 for Apple CarPlay functionality.

For Android Auto:

1. On your Android phone, open Android Auto, then turn on Wi-Fi and Bluetooth.
2. On the CARPURIDE screen, select the "Android Auto" icon.
3. On your Android phone, find "Carpuride-xxxx" in the Bluetooth settings, click "Pair" and activate Carpuride-xxxx.
4. Confirm pairing and allow access if prompted.
5. The connection should be successful, and Android Auto will launch on the screen.
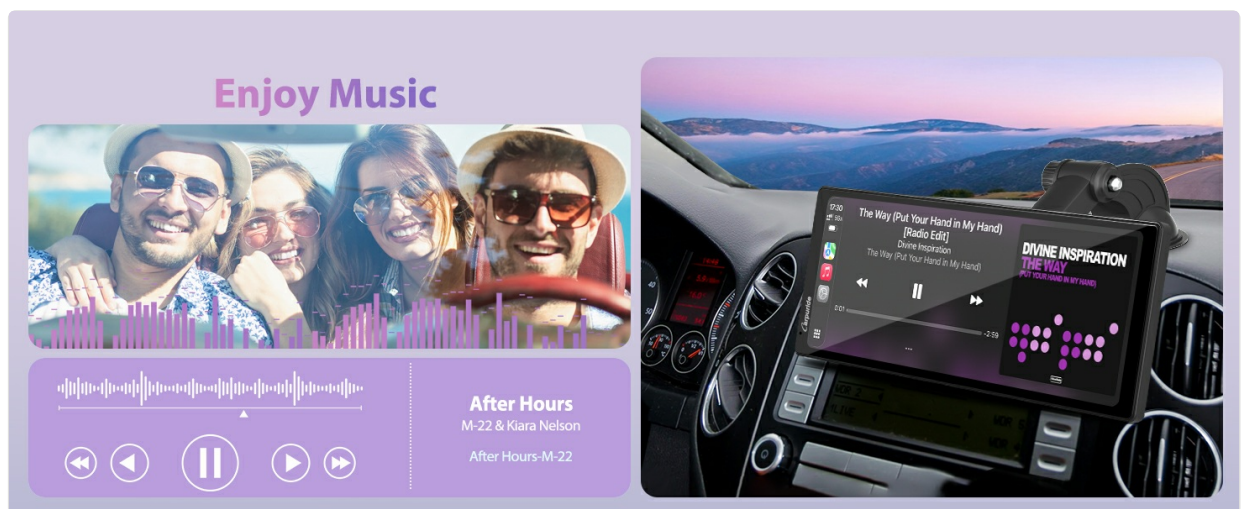

Figure 7: Android Auto Connection Steps

This image visually guides you through the process of connecting your Android phone to the CARPURIDE W903S3 for Android Auto functionality.

3. Mirror Link Functionality (Super Link)

The device supports two ways for screen mirroring:

- **Airplay:** For iPhone users only.
- **Super Link:** For both iOS and Android devices. This allows mirroring audio, videos, games, and apps from your smartphone.

Super Link Use with Android:

1. Scan the QR code displayed on the CARPURIDE screen (under Super Link mode) or visit https://camtree.cc/dl?zone=en&id=evelink to download the corresponding EveLink app.

2. Select the "Wi-Fi Direct" connection mode within the EveLink app.

3. Find "EVELINK-xxxx" and connect.

4. Once connected, you can mirror content from your Android device.

Figure 8: Super Link Connection for Android

This image illustrates the steps for connecting an Android device using Super Link, including downloading the EveLink app and establishing a Wi-Fi Direct connection.

Super Link Use with iOS:

1. Scan the QR code displayed on the CARPURIDE screen (under Super Link mode) or visit https://camtree.cc/dl?zone=en&id=evelink&type=ios to download the corresponding EveLink app.

2. Select the "Wi-Fi Direct" connection mode within the EveLink app. Find "EVELINK-xxxx" and connect.

3. In your iPhone's Control Center, select "Screen Mirroring" and then "Smartsreen" for wireless mirroring.

4. To watch online video, you can select Settings and click the Lab to play online video.

Figure 9: Super Link Connection for iOS

This image illustrates the steps for connecting an iOS device using Super Link, including downloading the EveLink app and utilizing the Screen Mirroring feature.

4. GPS Navigation

Utilize real-time GPS navigation through connected CarPlay or Android Auto. Popular apps like Google Maps and Waze can be displayed on the 9.3-inch HD IPS screen for enhanced visibility.
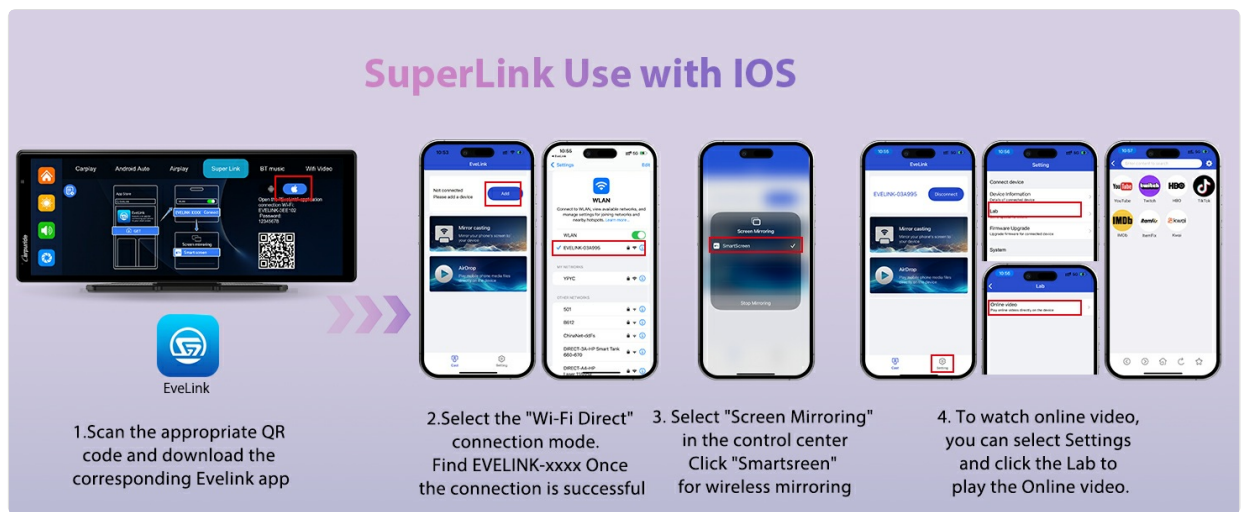
Figure 10: GPS Navigation Interface

The image displays the GPS navigation interface, showing map details and available navigation applications.

5. Audio Output Options

The CARPURIDE W903S3 offers multiple audio output methods:

- **Bluetooth Audio:** Connect wirelessly to your phone for music and calls.
- **Local Speakers:** Use the built-in speakers for audio output.
- **FM Radio:** Transmit audio to your car's FM radio.
- **AUX (3.5mm):** Connect via the provided 3.5mm audio cable to your car's AUX input for higher quality audio.
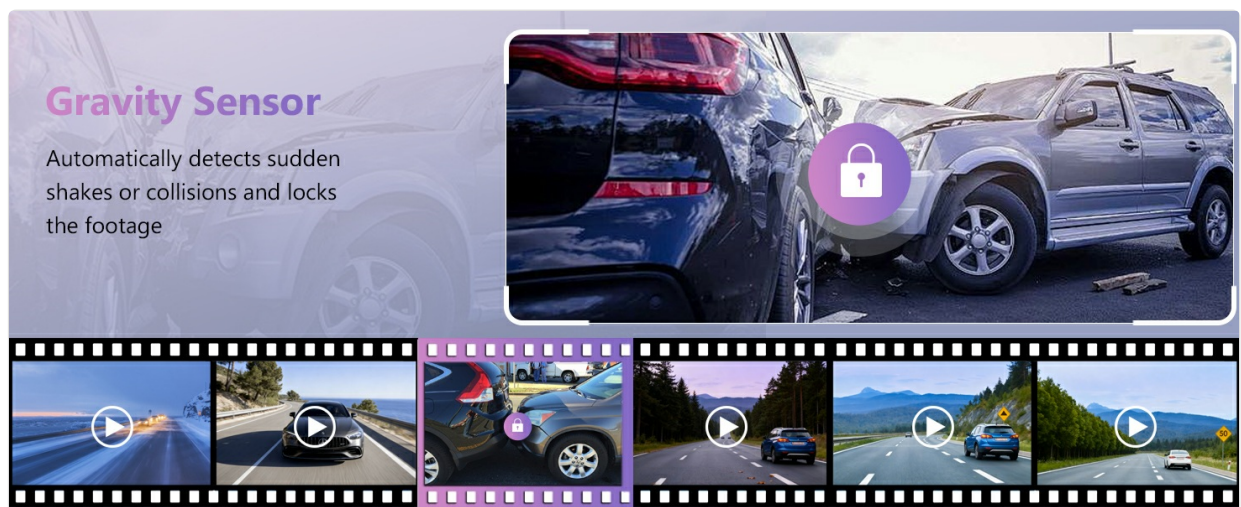

Figure 11: Audio Output Options

This image illustrates the different ways to output audio from the device to your car's sound system or use its internal speaker.

6. Voice Control

Utilize Siri or Google Assistant for hands-free control. The built-in microphone allows for clear voice commands for navigation, music playback, and phone calls.

Figure 12: Voice Control Interface

The image displays the voice control interface, highlighting the integration with Siri and Google Assistant for hands-free operation.

7. Loop Recording & Gravity Sensor

The device supports loop recording, automatically overwriting older files when the TF card is full. The built-in gravity sensor (G-sensor) automatically locks and protects video footage in the event of a collision, preventing it from being overwritten.

Figure 13: Gravity Sensor Functionality

This image demonstrates how the gravity sensor detects impacts and automatically locks the relevant video footage to secure accident evidence.
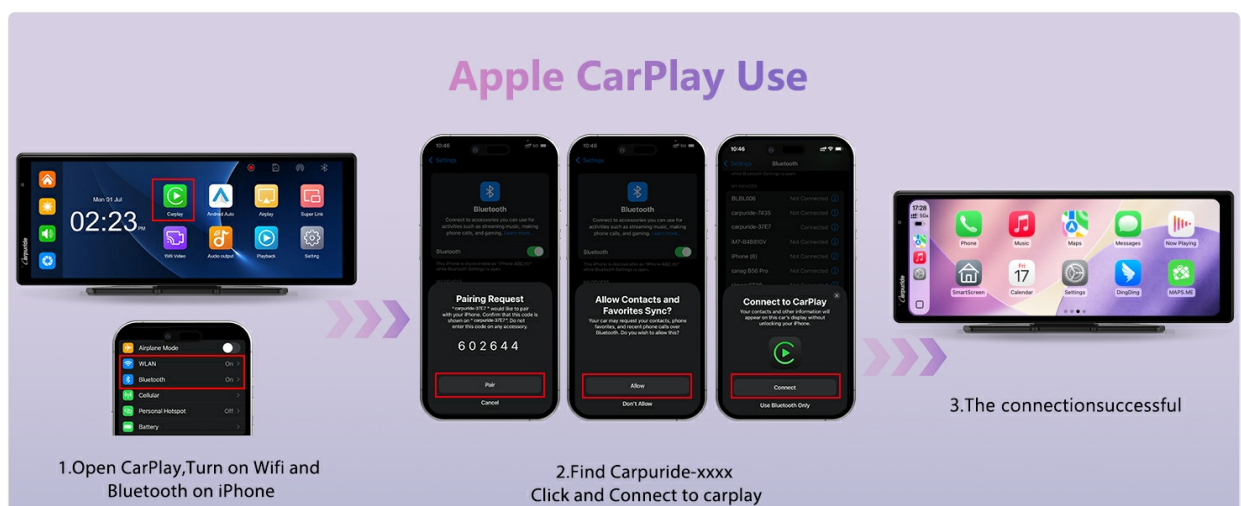
The image explains the loop recording process, where the dashcam continuously records and overwrites the oldest videos when the memory card reaches its capacity.

8. Screen Features

- **Anti-Glare & HD IPS Display:** The 9.3-inch HD IPS display features a 1600x600 resolution and an anti-glare coating for clear viewing, even when wearing polarized glasses.
- **Light Sensing Design:** The screen automatically adjusts brightness based on ambient light conditions, with a customizable range from 0% to 100%.

Figure 15: Light Sensing Design

This image illustrates how the light sensing design automatically adjusts screen brightness to suit ambient conditions, improving visibility and reducing eye strain.
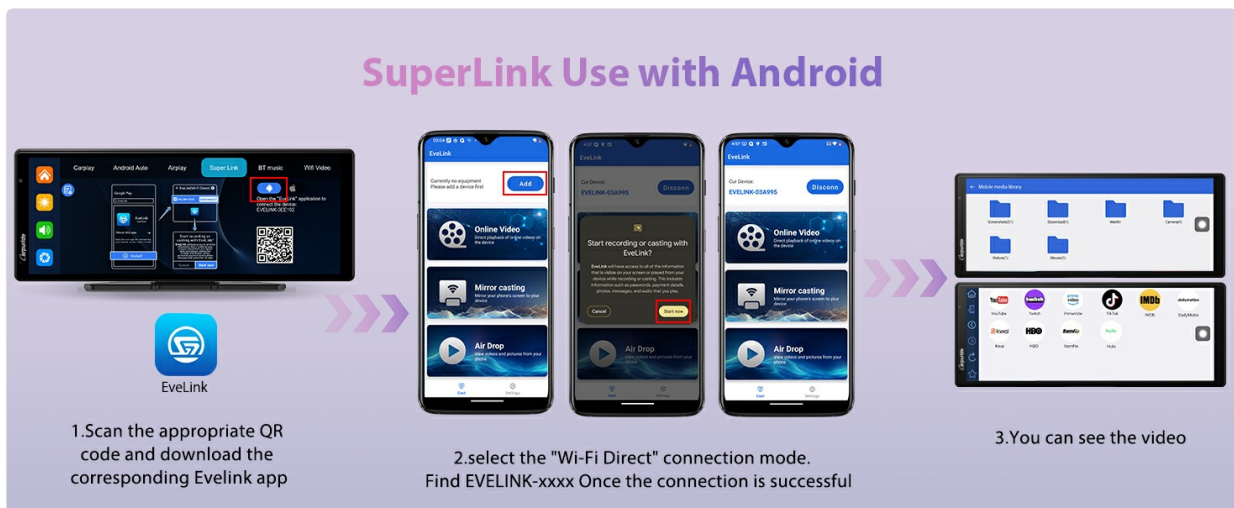

Figure 16: HD IPS + 2.5D Curved Touchscreen

The image details the screen's specifications, including its HD IPS panel, 1600x600 resolution, anti-glare coating, 2.5D curved design, and anti-scratch properties.

9. Customization Options

The device allows for customization of boot logos and screens. You can set a custom boot logo to match your car model or display a personal image.

Maintenance

- **Infrared Camera Placement:** Ensure the infrared camera faces the interior of the vehicle and avoids direct exposure to window glass or other highly reflective surfaces. Reflections can cause flickering images.
- **Front Camera Rotation:** The front camera is rotatable up to 350°. Avoid over-rotation to prevent cable loosening or disconnection.
- **TF Card Usage:** The pre-installed 64GB TF card is exclusively for dashcam video storage. Do not attempt to use it for media playback (music/videos) directly from the card.
- **Cleaning:** Use a soft, dry cloth to clean the screen and device exterior. Avoid abrasive cleaners or solvents.

TROUBLESHOOTING

- **Flickering Infrared Camera Image:** If the infrared camera image flickers, check its placement. Ensure it is not directly exposed to window glass or other highly reflective surfaces. Adjust its angle to face the vehicle's interior.
- **Android Auto/CarPlay Connection Issues:** Ensure your phone's Wi-Fi and Bluetooth are enabled. Verify that your phone's operating system meets the minimum requirements (iOS 6+ or Android 11+). Restart both the device and your phone if connection problems persist.
- **No Audio Output:** Check your selected audio output method (Bluetooth, local speakers, FM, AUX). Ensure the 3.5mm audio cable is securely connected if using AUX. Adjust volume settings on both the device and your car stereo.
- **Rear Camera Not Activating Automatically:** If the rear camera does not automatically display when reversing, ensure it is correctly wired. You can manually activate the rear camera view using the dedicated button on the car charger.
- **Device Not Powering On:** Ensure the car charger is securely plugged into the 12V power outlet and the Type-C cable is firmly connected to the main unit. Press the power button on the car charger.

SPECIFICATIONS

Feature	Detail
Model Name	W903S3
Brand	Carpuride
Screen Size	9.3 Inches (10.26 inches full screen)
Display Resolution	1600x600 HD
Operating System Compatibility	Android (11 and above), iOS (6 and above)
Connectivity Technology	Bluetooth, Wireless (Wi-Fi for CarPlay/Android Auto)
Special Features	4K Front Camera, 1080P Wired Rear Camera, 1080P Infrared In-car Camera, Wireless Android Auto, Wireless Apple CarPlay, GPS Navigation, Voice Control, Loop Recording, Gravity Sensor, Anti-Glare Screen, Light Sensing Design, Mirror Link (Airplay/Super Link)

Video Capture Resolution	Front: 4K, Rear: 1080p, In-car: 1080p
Included TF Card	64GB (supports up to 256GB expansion)
Power Supply	Type-C 12V (via car charger)
Item Weight	2.66 pounds
Package Dimensions	10.47 x 4.92 x 4.09 inches

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Carpuride customer service. Refer to the contact information provided with your product packaging or visit the official Carpuride website.

Manufacturer: Carpuride

Email: support@carpuride.com