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› Carpuride W703 Portable Wireless CarPlay/Android Auto with 4K Dash Cam User Manual

CARPURIDE W703

Carpuride W703 Portable Wireless CarPlay/Android Auto with 4K Dash Cam User Manual

Model: W703

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Carpuride W703 portable wireless CarPlay and Android Auto system. The W703 features a 7-inch IPS HD touchscreen, integrated 4K front dash camera, and a 1080p waterproof rear camera, offering enhanced connectivity and driving safety features. Please read this manual thoroughly before use to ensure proper functionality and to maximize your experience.

2. PRODUCT OVERVIEW

2.1. Components Included

The Carpuride W703 package typically includes the following items:

- Carpuride W703 Main Unit (7-inch screen with integrated front camera)
- Car Charger (Type-C 5V 2.5A)
- User Manual
- Suction Cup Gasket
- Rear View Camera and 6-meter Wire
- Self-adhesive Bracket
- Suction Cup Bracket
- 3.5mm Audio Cable (1.5m)
- 64GB TF Card

Wider Compatible



Car



Truck



Caravan



Van



Trailers



Campers

Package Included



Figure 1: Package Contents and Product Dimensions. This image displays the Carpuride W703 unit, car charger, user manual, suction cup gasket, rear view camera with wire, self-adhesive bracket, suction cup bracket, 3.5mm audio cable, and a 64GB TF card. Dimensions of the main unit are also shown.

2.2. Key Features

- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, calls, messages, and music.
- **Dual Dash Cam System:** Features a 4K front camera and a 1080p waterproof rear camera for comprehensive recording.
- **Loop Recording & G-sensor:** Automatically overwrites old footage and locks emergency videos upon impact detection.
- **Light-Sensing Design:** Automatically adjusts screen brightness to ambient light conditions, reducing eye strain.
- **Wireless Mirror Link:** Supports Airplay and Android Cast for mirroring phone content to the 7-inch IPS HD screen.
- **Voice Control:** Integrated microphone for Siri and other voice assistants for hands-free operation.
- **Multiple Audio Output Options:** Built-in speaker, AUX connection, FM transmission, and Bluetooth audio.

- **Wide Compatibility:** Operates on 12-24V, suitable for most cars and trucks.
- **Easy Installation:** Flexible mounting options (suction cup or self-adhesive) with 360-degree rotation.

3. SETUP

3.1. Mounting the Unit

Choose between the self-adhesive bracket for dashboard mounting or the suction cup bracket for windshield mounting. Ensure the chosen surface is clean and dry for optimal adhesion.

1. Attach the Carpuride W703 main unit to your preferred bracket.
2. Secure the bracket to your dashboard or windshield. The mounts allow for 360-degree rotation and angle adjustment for optimal viewing.



Figure 2: Mounting the Carpuride W703. This image illustrates the steps for attaching the unit to a mount and securing it to the dashboard or windshield, highlighting the 350-degree rotation capability.



Figure 3: Multiple Mounting Options. This image shows different ways to mount the Carpuride W703, including self-adhesive, CD slot, suction cup, and air outlet brackets, each with 360-degree angle adjustment.

3.2. Power Connection

Connect the Carpuride W703 to your vehicle's power outlet using the provided Type-C 5V 2.5A car charger. **Important:**

Use only the specified 5V 2.5A charger. Using a charger with a higher voltage can damage the device.

3.3. Rear Camera Installation

Connect the waterproof rear view camera to the main unit using the provided 6-meter wire. Route the cable carefully to avoid interference with vehicle operations. The rear camera is designed to activate automatically when the vehicle is in reverse gear, provided it is correctly wired to the reverse light circuit.

3.4. TF Card Insertion

Insert the included 64GB TF card into the designated slot on the main unit. This card is essential for enabling the dash cam's recording functions.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

The unit will power on automatically when connected to power. To manually turn off or on, use the power button located on the device.

4.2. Wireless CarPlay & Android Auto

After powering on, the Carpuride W703 will automatically connect to your smartphone via Bluetooth for CarPlay or Android Auto. Ensure Bluetooth is enabled on your phone. Once connected, you can access navigation, make calls, send messages, and play music directly from the 7-inch touchscreen.

Carpurid Apple Carplay, A-Auto & Mirror Link



Figure 4: Wireless Connectivity Options. This image illustrates the seamless wireless connection for Apple CarPlay, Android Auto, and Mirror Link, displaying how phone interfaces are projected onto the Carpurid W703 screen.



Figure 5: CarPlay, Android Auto, and Mirror Link in Action. This image shows the Carpuride W703 displaying various applications through CarPlay, Android Auto, and Mirror Link, enhancing in-car entertainment and navigation.

4.3. Audio Output

The Carpuride W703 offers several audio output methods:

- **Built-in Speaker:** Audio plays directly from the unit's integrated 8Ω2W speaker.
- **AUX Connection:** Connect the unit to your car's AUX input using the provided 3.5mm audio cable for sound through your car's speakers.
- **FM Transmission:** Transmit audio wirelessly to your car's FM radio by tuning both devices to the same FM frequency.
- **Bluetooth Audio:** Stream audio from your phone to the unit via Bluetooth, then output to your car's speakers via AUX or FM.



Figure 6: Audio Output Options. This image illustrates the four methods for audio output: Bluetooth Audio, Local Horn (built-in speaker), AUX connection, and FM Transmission, allowing flexibility for sound playback.

4.4. Dash Cam Functions

The integrated dash cam system provides continuous recording for both front and rear views.

- **Loop Recording:** When the TF card is full, the system automatically overwrites the oldest video files to continue recording.
- **G-sensor:** In the event of a sudden vibration or collision, the built-in G-sensor detects the impact and automatically locks the current video file to prevent it from being overwritten.
- **Front Camera Rotation:** The front camera can be rotated 350 degrees, allowing it to record the road ahead or be adjusted to monitor the interior of the car, useful for observing children in the back seat.
- **Rear Camera Display:** The rear camera view will automatically display on the screen when the vehicle is put into reverse.

4K Front + 1080P Rear Cam & Dash Cam

Front + Rear Camera Split Screen

4K Front Camera

Rear Camera

Baby Camera, Inside car view

Loop Recording

Locked Video

Video Playback

HD

64GB SD Card

Night Vision

178°

178°

Figure 7: Dual Dash Cam System. This image highlights the 4K front and 1080p rear camera capabilities, including loop recording, locked video, video playback, HD quality, 64GB SD card support, and night vision.

350 degree rotatable camera

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 8: Rotatable Camera. This image demonstrates the 350-degree rotatable front camera, allowing it to capture both the road ahead and the interior of the car, useful for monitoring passengers.

G-sensor

Built-in G-sensor for emergency locking and saving the video, allowing you to quickly find the video when needed.



Loop Recording

When you insert the TF card, the dash cam will automatically start recording video. When the card is full, it will automatically overwrite previous videos.



Figure 9: G-sensor and Loop Recording. This image illustrates the G-sensor's function in locking emergency video files during collisions and the loop recording feature that continuously records by overwriting older footage.

4.5. Wireless Mirror Link

The W703 supports wireless Airplay for iOS devices and Android Cast for Android devices. This feature allows you to mirror your smartphone's screen content, including videos and movies, directly onto the 7-inch 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.



Figure 10: Super Link Mode. This image demonstrates the 'Super Link' mode, enabling users to watch online videos, downloaded videos/images, or use mirror casting from an Android phone.

4.6. Voice Control

Utilize the integrated microphone to activate Siri or other voice assistants on your connected smartphone. This allows for hands-free control of navigation, calls, music playback, and more, enhancing driving safety.



Figure 11: Key Operational Features. This image highlights the ability to play music, the light-sensing design for automatic brightness adjustment, GPS navigation display, and voice control functionality.



Figure 12: Voice Command Examples. This image shows examples of using Siri and Google Assistant for voice commands, such as initiating calls or playing music, demonstrating hands-free operation.

4.7. Light-Sensing Design

The W703 features a light sensor that automatically adjusts the screen's brightness based on ambient light conditions. This helps to protect your eyes and ensures optimal visibility, whether driving through a tunnel or in bright sunlight.



Figure 13: Light Sensor Design. This image contrasts manual brightness adjustment with Carpuride's automatic light sensor design, illustrating how the latter adapts to ambient light for safer driving and eye protection.

4.8. Screen Saver

The W703 allows you to set a lock screen time. You can configure it to 10 seconds, 30 seconds, or 1 minute. After the set time, the screen will automatically lock. To reactivate the screen, press the power button or tap anywhere on the screen.

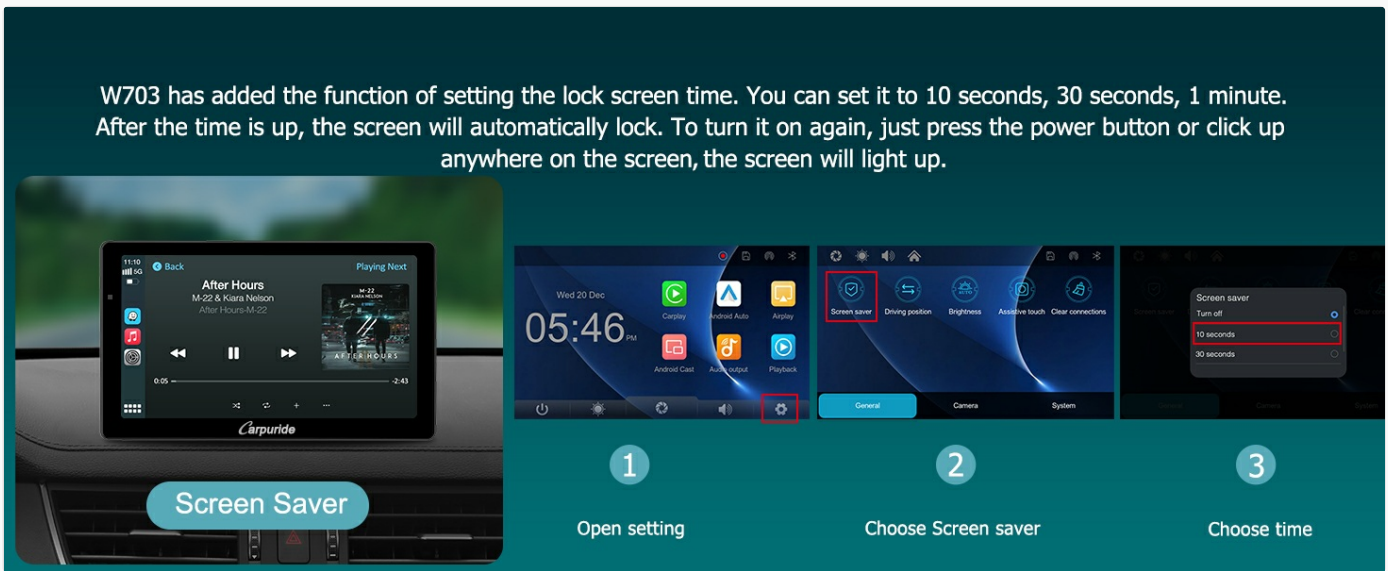


Figure 14: Screen Saver Settings. This image demonstrates how to access the screen saver settings on the Carpuride W703 and select a lock screen time (10 seconds, 30 seconds, or 1 minute).

5. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. Avoid abrasive cleaners or solvents.
- **Checking Connections:** Periodically ensure all cables (power, AUX, rear camera) are securely connected.

- **TF Card Management:** Regularly back up important recordings from the TF card. Format the TF card periodically (e.g., monthly) to maintain optimal recording performance and prevent data corruption.
- **Software Updates:** Check the manufacturer's website for any available software updates to ensure optimal performance and new features.

6. TROUBLESHOOTING

If you encounter issues with your Carpuride W703, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power adapter; loose connection.	Ensure the provided 5V 2.5A car charger is used and securely connected. Check the vehicle's power outlet.
CarPlay/Android Auto not connecting.	Bluetooth not enabled; pairing issue.	Ensure Bluetooth is active on your smartphone. Re-pair the device via Bluetooth settings. Restart both the unit and your phone.
No audio or static audio.	Incorrect audio output setting; loose AUX cable; FM interference.	Check selected audio output mode (Built-in, AUX, FM, Bluetooth). Ensure AUX cable is fully inserted. Adjust FM frequency to an unused channel.
Dash cam not recording.	TF card not inserted; TF card full or corrupted.	Ensure the 64GB TF card is correctly inserted. Format the TF card (this will erase all data). If issues persist, try a new TF card.
Screen unresponsive.	Temporary software glitch.	Perform a soft reset by pressing the reset button (if available) or power cycle the device.

7. SPECIFICATIONS

- **Model:** W703
- **Screen Size:** 7 inches
- **Display Type:** IPS HD Touchscreen
- **Resolution:** 1024 x 600
- **Front Camera:** 4K
- **Rear Camera:** 1080p (Waterproof)
- **Storage:** 64GB TF Card included
- **Power Input:** Type-C 5V 2.5A (Compatible with 12-24V vehicle power)
- **Audio Output:** Built-in Speaker (8Ω2W), AUX, FM Transmission, Bluetooth
- **Connectivity:** Wireless CarPlay, Wireless Android Auto, Wireless Mirror Link (Airplay, Android Cast), Bluetooth, USB, Aux, FM
- **Special Features:** G-sensor, Loop Recording, Light Sensor, Voice Control (Siri), Customizable Boot Screen
- **Color:** Black

8. WARRANTY AND SUPPORT

For any missing components (e.g., rear camera) or technical assistance, please contact Carpuride customer support. Please refer to your purchase documentation for specific warranty details and duration.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question