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Carpuride W702S PRO

Carpuride W702S PRO Motorcycle Display User Manual

Model: W702S PRO | Brand: Carpuride

INTRODUCTION

The Carpuride W702S PRO is a 7-inch waterproof motorcycle touchscreen display designed to enhance your riding experience with seamless smartphone integration. It provides access to navigation, communication, and entertainment features directly from your motorcycle's handlebars, ensuring a connected and safe journey.



Image: The Carpuride W702S PRO display unit with its included mounting bracket and power cables.

PRODUCT FEATURES

- **Wireless CarPlay & Android Auto:** Wirelessly connect your smartphone for navigation, calls, music, and messaging via Siri or Google Assistant.
- **Single & Dual Bluetooth Connection Modes:** Supports pairing with Bluetooth headsets or helmets for solo or shared audio experiences.
- **Effortless Setup & Secure BM05 Mount:** Features a durable metal BM05 universal motorcycle mount for easy installation and quick screen removal.
- **Music Sharing & Intercom:** Dual Bluetooth technology allows two helmets to connect simultaneously for shared music and intercom functionality.
- **Sensor Light & EQ Effect:** Automatic screen brightness adjustment based on ambient light for eye protection, plus a built-in EQ for customized audio.
- **Compass & Barometer:** Integrated compass for direction and barometer for real-time altitude monitoring, enhancing safety during rides.
- **Digital Wired Controller:** Included wired controller for convenient access to phone calls, screen on/off, and interface switching.
- **7" HD IPS Touch Screen:** High-definition 1024x600 IPS touch screen with 65K colors and up to 1000nit peak

brightness for clear visibility.

- **IP67 Waterproof Design:** Rugged, waterproof, and dustproof construction ensures reliable performance in various weather conditions (-20°C to 80°C).

HD Wireless Portable Carplay For All Motorcycles

Full-featured, Make your operating experience more personalized

IOS / Android



Image: Visual representation of the key features of the Carpuride W702S PRO display.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1x W702S PRO Motorcycle Stereo
- 1x BM05 Bracket & Metal Key
- 1x Extension Rod Bracket
- 1x Power Cable
- 1x USB Power Cable
- 1x User Manual
- 1x Silicone Gasket

- 1x Wired Controller
- 1x Spanner

Wider Compatible



Packing Included



18.2cm/7.16inch

7 inch

11.4cm/4.48inch

Carpuride



Power button
After powering on:
Short press once (Do not press for a long time to avoid shutting down)
Long press to power on/off

SD Card

Connect For BM05 Bracket



BM05 Bracket & Metal key



Wire Controller



Power Cable



USB Power line



User Manual



Spanner



11.5cm/4.5inch

Extension Rod Bracket



25.4mm/1inch 28mm/1.1inch 22mm/0.86inch 12mm/0.47inch

Silicone Gasket

Image: All components included in the Carpuride W702S PRO retail package.

SETUP AND INSTALLATION

The Carpuride W702S PRO offers flexible installation options to suit various motorcycle models. The BM05 mount is designed for quick and secure attachment.

Mounting the Display

The BM05 Universal Motorcycle Mount provides seamless compatibility. Choose the appropriate silicone pads (12mm, 22mm, 25.4mm, or 28mm) to match your motorcycle's handlebar diameter. Attach the metal mount to the handlebar, clamp the connecting rod, and then snap the CarPlay screen into the BM05 bracket. A quick-release mechanism allows for easy removal of the screen when not in use.


Apple Carplay Connect



- 1 Open i-Play
- 2 iPhone searches for Bluetooth "carpuride-xxxx" for Pair
- 3 Click "Allow" and "Use CarPlay"
- 4 The connections successful

Image: Detailed steps for handlebar mounting (Installation Mode 1).

Android Auto Connect



- 1 Open A-Auto
- 2 Find the connected devices
- 3 Add new device carpuride-xxxx Click "Pair"
- 4 The connections successful

Image: Detailed steps for an alternative mounting method (Installation Mode 2).

Power Connection

Connect the display to your motorcycle's power source using either the provided Power Cable (for direct battery connection) or the USB Power Cable (for USB port connection). Ensure secure connections to prevent power interruptions.

CarPlay

To use wireless CarPlay, you need to meet the following requirements:

- An iPhone running iOS 6 or above.
- It also requires the CarPlay system and the iPhone's voice system to be turned on.
- Please check if Siri is enabled.



Android Auto

To use wireless Android Auto, you need to meet the following requirements:

- A phone that supports 5GHz Wi-Fi
- A phone running Android 11 or above.
- A phone that supports the Android Auto app and please update the latest version.



Not

- Not perfectly compatible with Samsun Note as well as S series.
- Before purchasing, please make sure your phone supports wireless Carplay or wireless Android Auto.

Android Incompatible Phone Models

OnePlus Nord 2T, OnePlus Nord CE2 5G, oppo CPH2161, oppo A16s, Oppo Reno 2, oppo RENO Z, Samsung S23, Samsung note 20, Samsung S20, Samsung m22, Samsung S23 Ultra, Galaxy A20 (model SM-A205g), Huawei p30, Huawei p30 pro, Huawei P40 Pro, Huawei P20 Pro, Huawei P20, Huawei P30 lite MAR-LX1A, Huawei Mate 20, Huawei Mate 20 pro, Huawei P smart 2019 - POT-LX1, Huawei nova 5t, Huawei MATE LITE 10, Honor 90, Xiaomi 11 lite, Xiaomi 12 pro, redmi 9, Xiaomi 9



Image: Power connection diagram for the display unit.

OPERATING INSTRUCTIONS

Wireless CarPlay & Android Auto Connection

To use wireless CarPlay or Android Auto, ensure your smartphone's Bluetooth is on and discoverable. Do not connect your mobile phone directly to the display's Bluetooth, as this may interfere with the pairing process. The display will guide you through the connection process.

- **For Apple CarPlay:** Open 'i-Play' on the display. Your iPhone will search for 'carpuride-xxxx' via Bluetooth. Pair and allow CarPlay access.
- **For Android Auto:** Open 'A-Auto' on the display. Find 'carpuride-xxxx' in your Android phone's Bluetooth settings. Pair and confirm the connection.

Requirements:

- **CarPlay:** iPhone running iOS 6 or above, CarPlay system and Siri enabled.
- **Android Auto:** Phone running Android 11 or above, supports 5GHz Wi-Fi, and has the latest Android Auto app version.
- *Note: Some Android phone models may not be perfectly compatible.*



Image: Apple CarPlay connection guide.

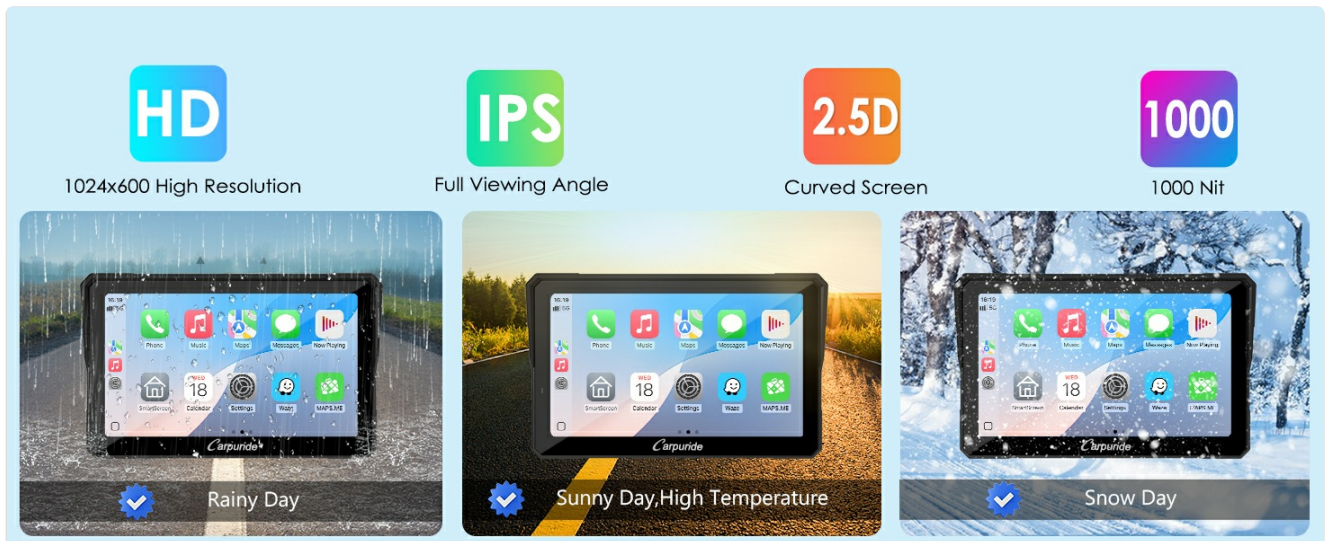


Image: Android Auto connection guide.

Installation Diagram

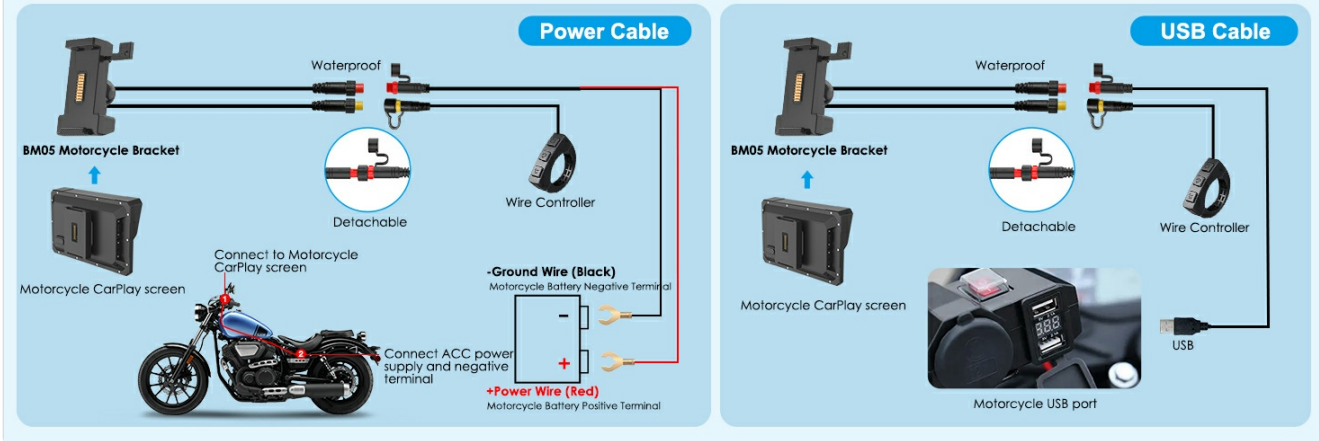


Image: Compatibility details for CarPlay and Android Auto.

Bluetooth Audio & Intercom

The W702S PRO features upgraded dual Bluetooth technology for versatile audio connections.

- **BT Trans (Single-Connection Mode):** Pair your Bluetooth headset or helmet directly to the display for audio output from CarPlay/Android Auto.
- **BT Trans (Dual-Connection Mode):** Connect two Bluetooth helmets simultaneously to the display via its BT Trans function. This allows rider and passenger to share music and use the intercom function.
- **iPlay/Auto (Bluetooth Audio):** Connect your phone to your Bluetooth headset/helmet directly, and use CarPlay/Android Auto to play audio through that connection.



Image: Bluetooth Trans (Single-Connection Mode).



Image: Bluetooth Trans (Dual-Connection Mode).

Music Sharing & Intercom Mode

Connect 2 BT helmet headsets to your device simultaneously, even if they are from different brands, to share music or use the intercom feature



Max distance 10M



- 1 Make calls and listen to music through this BT 1.
- 2 Connect to BT 1 and BT 2 at the same time, music and audio can be shared, but calls and voice assistant broadcast can only be realized through BT 1, BT 2 can't!
- 3 Connect to BT 1 and BT 2 at the same time, click this icon to realize the intercom function, BT 1 between BT 2 can be Bluetooth calls, if you need to cancel the intercom function, just click this icon again.

Image: Music Sharing & Intercom Mode.

Wired Controller Usage

The included wired controller provides convenient access to key functions without needing to touch the screen.

- **Cycle Button:** Short press to answer calls. Press and hold for more than 5 seconds to power on/off.
- **Photo Button:** Short press to hang up calls.
- **Home Button:** Short press to toggle between home page and current interface (when using Apple CarPlay). Press and hold for more than 5 seconds to lock the screen (disables touch function). Long press to unlock.



Image: Wired Controller functions and usage.

Display Features

The W702S PRO integrates several features for an optimized viewing and audio experience.

- **Sensor Light:** Automatically adjusts screen brightness based on surrounding light conditions to protect your eyes and ensure clear visibility.
- **EQ Effect:** Built-in EQ function with various music styles and sound effects, including a user-customized 16-band HD EQ.
- **Compass & Barometer:** Provides real-time directional guidance and monitors altitude changes, useful for outdoor riding.
- **Local Playback:** Supports 64G TF card for storing and playing music and videos directly on the device. (TF card not included, separate purchase required).



Image: Overview of sensor light, local playback, compass, and barometer features.



Image: Music playback and EQ settings interface.

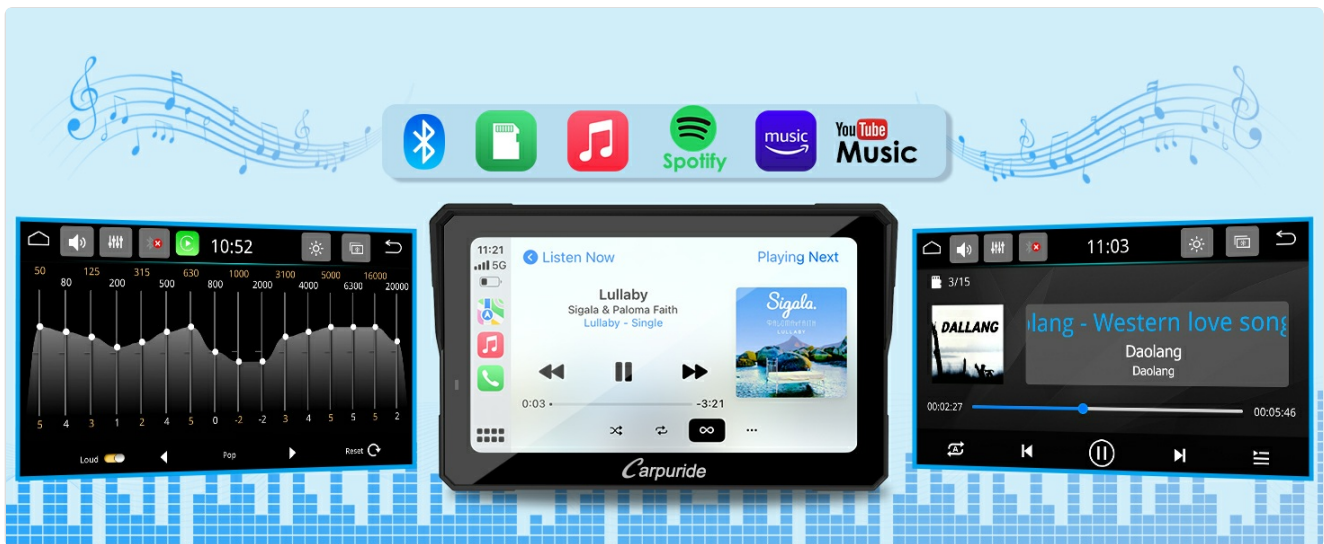


Image: TF Card support for local media playback.

MAINTENANCE

The Carpuride W702S PRO is built for durability and minimal maintenance.


- **Waterproof & Dustproof:** With an IP67 rating, the device is protected against dust ingress and immersion in water up to 1 meter for 30 minutes. This means it can withstand heavy rains and dusty conditions.
- **Temperature Resilience:** Operates flawlessly in temperatures ranging from -20°C to 80°C (-4°F to 176°F).
- **Cleaning:** Use a soft, damp cloth to clean the screen and exterior. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place. The quick-release mount allows for easy removal to prevent theft and protect the unit.

The Phone Features Free Your Hands




 Google Voice or Siri



 Listen to Music



 Wake up Navigation

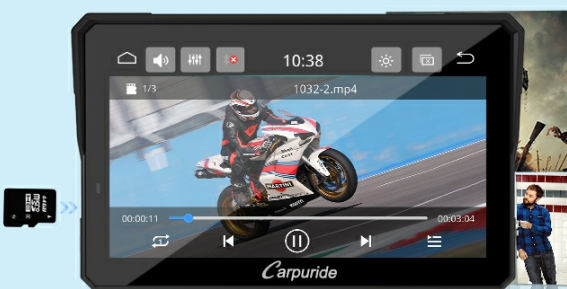


 Make calls and other functions

Image: The display is designed to perform in all riding environments.

Support 64G TF Card

You can enjoy your favorite music or video on the journey



Please Note: TF card not included, separate purchase required



Image: Display features and performance in different weather conditions.

If you encounter issues with your Carpuride W702S PRO, consider the following common solutions:

- **No Power:** Ensure all power cables are securely connected to both the display and the motorcycle's power source. Check the motorcycle's battery and fuses.
- **Bluetooth Connection Issues:** Make sure your phone's Bluetooth is enabled and discoverable. Forget previous pairings on both the phone and the display, then attempt to reconnect. Ensure no other devices are interfering with the Bluetooth signal.
- **CarPlay/Android Auto Not Connecting:** Verify that your phone meets the specific iOS/Android version and Wi-Fi requirements. Ensure Siri (for CarPlay) or Google Assistant (for Android Auto) is enabled. Some Android phone models may have known compatibility issues (refer to the compatibility section).
- **No Audio:** Check the volume settings on both the display and your connected helmet/headset. Ensure the correct Bluetooth audio output mode is selected on the display.
- **Screen Unresponsive:** If the screen is locked, long-press the Home button on the wired controller to unlock it. If unresponsive, try restarting the device.
- **Display Brightness:** The sensor light automatically adjusts brightness. Ensure the sensor is not obstructed.

For persistent issues, please refer to the Warranty and Support section for contact information.

SPECIFICATIONS

Specification	Value
Model Name	W702S PRO
Display Size	7 Inches
Resolution	1024x600
Brightness	Up to 1000nit peak brightness
Waterproof Rating	IP67
Operating Temperature	-20°C to 80°C (-4°F to 176°F)
Connectivity	Bluetooth (Dual), Wi-Fi
Voice Command	Microphone, Touchscreen (Siri, Google Assistant)
Storage Support	64G TF Card (for local playback, not included)
Control Methods	Touchscreen, Voice Commands, Wired Controller
Item Weight	2.27 pounds
Package Dimensions	8.5 x 5.39 x 3.82 inches

WARRANTY AND SUPPORT

Carpuride stands behind the quality of the W702S PRO Motorcycle Display.

- **Warranty:** The product comes with a 12-month warranty from the date of purchase.
- **Technical Support:** Carpuride offers technical support for any questions or concerns you may have. They aim to provide a 100% satisfactory solution within 24 hours.

- **Custom Boot Logo:** You can send pictures to Carpuride to customize your device's boot logo.

For support, please refer to the contact information provided in your product packaging or visit the official Carpuride website.