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Carpuride W702PRO

Carpuride W702PRO Motorcycle CarPlay & Android Auto Screen User Manual

Your guide to setting up and using your Carpuride W702PRO for an enhanced riding experience.

1. INTRODUCTION

The Carpuride W702PRO is a 7-inch waterproof GPS navigation screen designed for motorcycles, offering seamless integration with Apple CarPlay and Android Auto. This device provides access to navigation, phone calls, music playback, and messaging directly from your motorcycle's display, ensuring a safer and more connected ride. It features dual Bluetooth connectivity, music sharing, intercom functionality, a light sensor for automatic brightness adjustment, and built-in compass and barometer for comprehensive riding data.



The Carpuride W702PRO screen provides a comprehensive interface for navigation and entertainment on your motorcycle.



Key features of the Carpuride W702PRO include Apple CarPlay, Android Auto, Dual-Bluetooth, Intercom Function, Light-sensing, Compass, IP67 Waterproof, Capacitive touch, TF/SD Card support, Built-in 5G Chip, Free online updates, and a Barometer.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

- 1x 7-inch Motorcycle CarPlay Screen
- 1x Power Cable
- 1x USB Boost Voltage Cable
- 1x User Manual
- 1x Square Bracket
- 1x Extension Rod
- 1x U-shaped Support

U-shaped Extension Rod Bracket Installation Mode

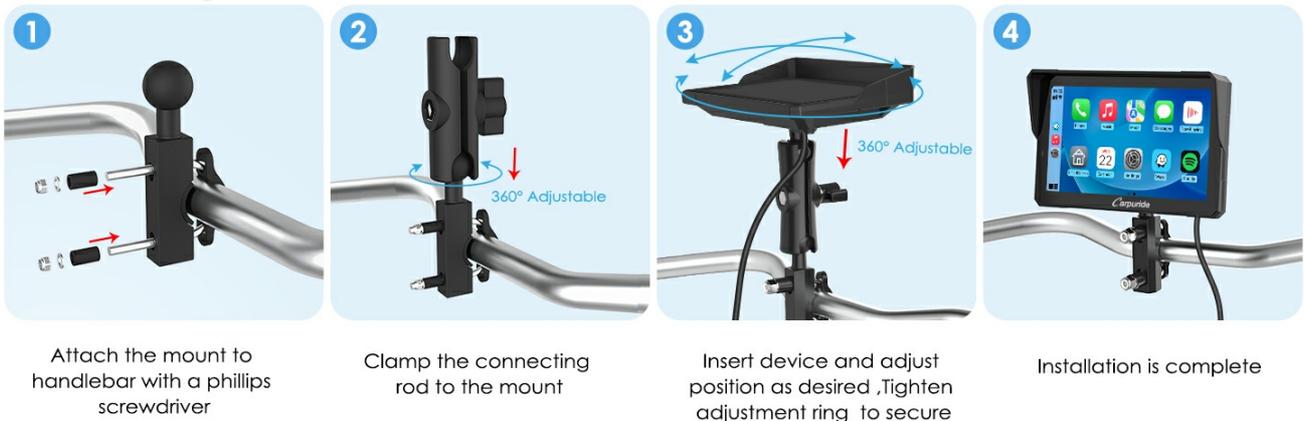


Illustration of the Carpuride W702PRO and its included accessories.

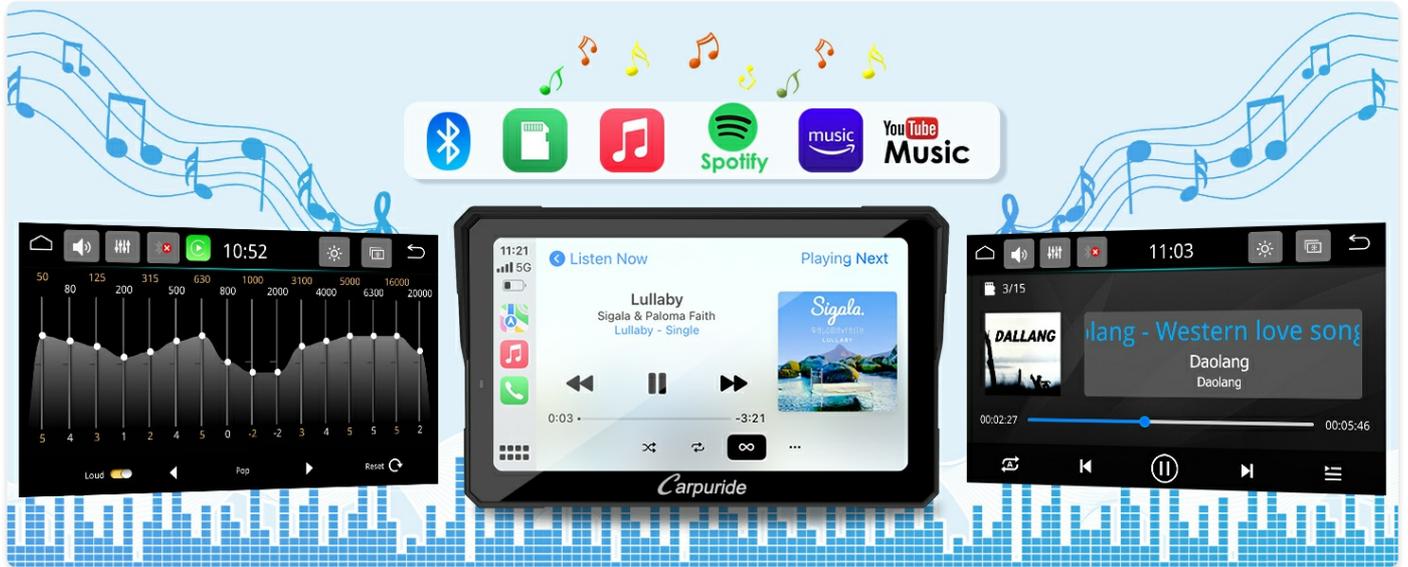
3. SETUP & INSTALLATION

3.1 Mounting Options

The Carpuride W702PRO offers two primary mounting methods: the U-shaped Extension Rod Bracket and the Square Bracket. Choose the method that best suits your motorcycle's handlebar configuration.

U-shaped Extension Rod Bracket Installation

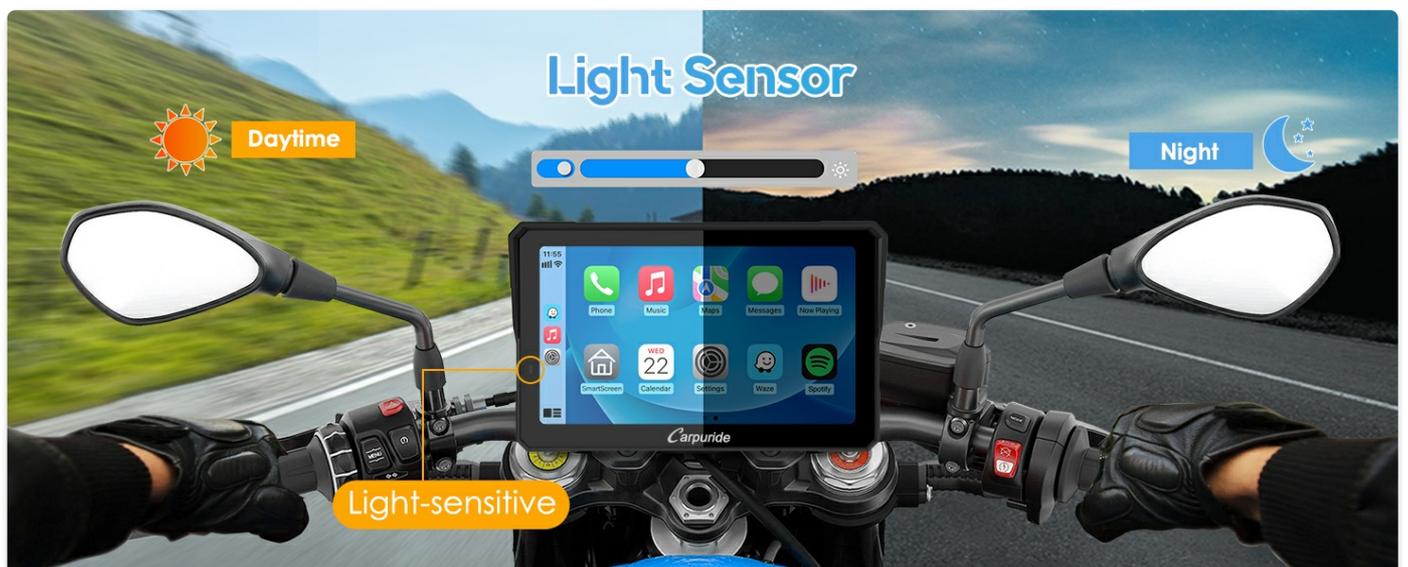
1. Attach the mount to the handlebar using a Phillips screwdriver.
2. Clamp the connecting rod to the mount. Ensure it is securely fastened.
3. Insert the device and adjust its position as desired. Tighten the adjustment ring to secure the screen.
4. Verify that the installation is complete and the device is stable.



Step-by-step guide for installing the U-shaped Extension Rod Bracket.

Square Bracket Installation

1. Use the provided silicone pads (12mm or 18mm) to fit your handlebar. If not used, the maximum handlebar diameter is 22mm.
2. Align the screws and nuts of the bracket and tighten them to secure it to the motorcycle handlebar.
3. Align the grooves at the connection point of the motorcycle screen bracket and slide the screen in. Then tighten with screws.
4. Confirm that the installation is complete and the device is firmly attached.



Step-by-step guide for installing the Square Bracket.

Video demonstrating the installation process for the Square Bracket.

3.2 Power Connection Options

The W702PRO offers two methods for power connection:

Using the USB Boost Cable

- If your motorcycle's USB port provides 5V and 2.5A or higher, you can use the USB boost cable to directly connect the W702PRO device to the motorcycle's USB port.
- **Note:** If the USB port outputs less than 5V, 2A, it is not recommended to use this method, as insufficient power may cause the screen to shut down automatically.



Instructions for connecting the device via the USB Boost Cable.

Using the Motorcycle Power Line

- Connect the motorcycle power line to provide 12V and 1A to the battery.
- The W702PRO has built-in reverse protection, preventing damage if the cable is connected incorrectly.
- **Note:** Ensure the output voltage and current are 12V, 1A when using this method.



Wiring diagram for direct power connection to the motorcycle battery.

4. CONNECTIVITY

4.1 Wireless CarPlay & Android Auto

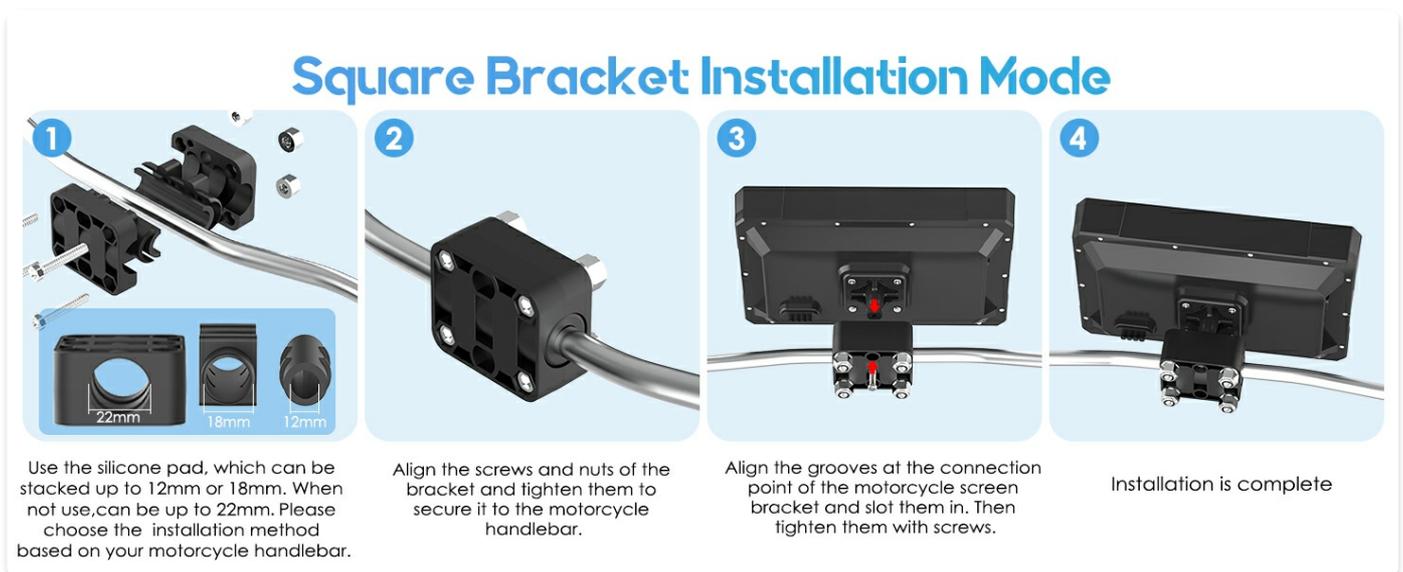
The W702PRO supports wireless Apple CarPlay and Android Auto, allowing you to mirror your smartphone's essential functions onto the screen.

CarPlay Requirements:

- An iPhone running iOS 6 or above.
- CarPlay system and iPhone's voice system must be turned on.
- Siri must be enabled.

Android Auto Requirements:

- A phone that supports 5GHz Wi-Fi.
- A phone running Android 11 or above.
- The Android Auto app must be installed and updated to the latest version.



Detailed compatibility information for Apple CarPlay and Android Auto, including specific phone requirements and a list of known incompatible Android models.

4.2 Dual Bluetooth - Audio & Transmission

The W702PRO features dual Bluetooth connectivity, allowing for versatile audio management.

Single Connection Mode (BT Trans)

Connect the CarPlay screen to your smartphone and a single Bluetooth-enabled headset or helmet. This allows for hands-free calls and music playback directly to your helmet.



Visual representation of single and dual Bluetooth connection modes.

Dual Connection Mode (Music Sharing & Intercom)

The upgraded dual Bluetooth technology allows two Bluetooth helmets to connect simultaneously via the BT Trans function. This enables the rider and passenger to share music and use the intercom function.

- Effective Bluetooth range for intercom is approximately 10 meters.
- In BT Trans mode, voice assistant commands and phone call audio are transmitted to Bluetooth 1. It is recommended that the primary rider connects to Bluetooth 1.
- **Note:** Intercom mode and BT Trans mode cannot be used at the same time. Only one of them can be used at a time.



Illustration of music sharing and intercom functionality for two riders.

Video demonstrating the Carpuride W702PRO in use during road cycling, showcasing its display and features.

5. OPERATING INSTRUCTIONS

5.1 Core Functions (CarPlay/Android Auto)

Once connected, you can access various smartphone functions directly from the W702PRO screen:

- **Navigation:** Use map applications like Apple Maps, Google Maps, or Waze for turn-by-turn directions.
- **Phone Calls:** Make and receive calls hands-free using Siri or Google Assistant.
- **Music Playback:** Control music from apps like Spotify, Apple Music, or YouTube Music.
- **Text Messaging:** Send and receive messages using voice commands.

Bluetooth Trans (Single-Connection Mode)

- Note:**
1. The helmet or earphone must be turned on and in an active state in order to be discovered by the Carpuride screen for pairing.
 2. Do not connect your mobile phone to the Bluetooth helmet or earphone, as this may interfere with the pairing process.



The W702PRO allows for hands-free control of navigation, music, and calls via voice commands.

5.2 Sensor Light & EQ Effect

- **Light Sensor:** Automatically adjusts screen brightness based on surrounding light conditions (daytime/nighttime) to protect your eyes and ensure clear visibility.
- **EQ Function:** The 702PRO includes a built-in EQ function, offering a variety of music styles and sound effects for a personalized audio experience.

Bluetooth Trans (Dual-Connection Mode)

BT Trans Bluetooth Transmission Function. Through the Bluetooth transmission function of Carpuride screen, the audio in the TF card of Carpuride screen's Carplay or Android Auto is transmitted to Bluetooth1 and Bluetooth 2 .



The device features a light sensor for optimal viewing and supports local media playback. It also includes a compass and barometer for environmental data.

5.3 Compass & Barometer

- **Compass:** Helps you stay on course and avoid getting lost, especially useful during long rides or in unfamiliar territories.
- **Barometer:** Monitors real-time altitude changes, providing valuable environmental information, particularly in mountainous regions.

5.4 Local Playback (TF Card)

The W702PRO supports TF (microSD) cards up to 64GB for local storage of music and videos. This allows you to enjoy your favorite media without relying on a smartphone connection.

- **Note:** The accessory 64GTF card does not support software upgrades. It only supports storing music and videos for local playback. For software updates, use a smaller capacity card (32, 16, 8, 4GB).

6. MAINTENANCE

The Carpuride W702PRO is designed to withstand various riding environments:

- **Waterproof:** IP67 rated for protection against water and dust.
- **Temperature Resistance:** Operates effectively between -4°F and 158°F (-20°C and 70°C).
- **Anti-glare:** The screen is designed to minimize glare, improving visibility in bright conditions.

To ensure longevity, regularly wipe the screen with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the display or casing.



The W702PRO is built to withstand diverse weather conditions, including rain, high temperatures, and snow.

7. TROUBLESHOOTING

7.1 Power Issues

- **Device automatically shuts down:** Ensure the power supply meets the requirements (12V, 1A for power line; 5V, 2.5A or higher for USB boost cable). Insufficient voltage or current can cause shutdowns.
- **Device not turning on:** Check all power connections for secure fit. Verify the motorcycle's power source is active.

7.2 Connectivity Issues

- **Bluetooth connection unstable:** Ensure your phone and headset/helmet are within the effective 10m range. Avoid connecting your mobile phone directly to the Bluetooth helmet/earphone when pairing with the Carpuride screen, as this may interfere with the pairing process.
- **CarPlay/Android Auto not connecting:** Verify your smartphone meets the OS and Wi-Fi requirements (iOS 6+ for

CarPlay, Android 11+ with 5GHz Wi-Fi for Android Auto). Ensure Siri/Google Assistant is enabled and the respective apps are updated.

7.3 Software Updates

- **Updating software:** Use a small capacity TF card (32, 16, 8, or 4GB) for software upgrades. The included 64GTF card is for media storage only and does not support updates.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.76 x 4.72 x 4.33 inches
Item Weight	2.07 pounds
Model Number	602PROB
Screen Size	7 Inches (1024x600 High Resolution, IPS Full Viewing Angle, 2.5D Curved Screen, 1000 Nit)
Special Features	Waterproof (IP67), Apple CarPlay, Music Sharing, Dual Bluetooth, Android Auto, Light Sensor, Compass, Barometer
Connectivity Technology	Bluetooth, Wi-Fi
Map Type	Road
Audio Output Mode	Stereo
Mounting Type	Handlebar Mount
Operating System	iOS, Android
Manufacturer	Carpuride
Country of Origin	China

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or contact Carpuride directly. You can typically find support contact details on the manufacturer's official website or through the email address provided on the device's boot screen: support@carpuride.com.

Related Documents - W702PRO

	<p>Carpuride 2.5HD-Touchscreen Portable Wireless Carplay & Android Auto Autoradio User Guide</p> <p>Comprehensive user guide for the Carpuride 2.5HD-Touchscreen portable wireless Carplay and Android Auto Autoradio. This guide details setup and usage for Carplay, Android Auto, AirPlay, Android Cast, and dashcam features, including connection steps, settings, and troubleshooting tips.</p>
	<p>Manuale Carpuride W712D: Sistema di Intrattenimento e Dash Cam per Moto</p> <p>Guida completa al Carpuride W712D, uno schermo touchscreen da 7 pollici per moto con Apple CarPlay e Android Auto wireless, doppia fotocamera 1080p HD, Bluetooth, impermeabilità IP67, controller cablato e registrazione in loop.</p>
	<p>Carpuride W502B Motorcycle CarPlay & Android Auto Display User Manual</p> <p>Comprehensive user manual for the Carpuride W502B waterproof motorcycle display, covering installation, setup, CarPlay, Android Auto, Bluetooth, audio settings, and troubleshooting.</p>
	<p>Carpuride 6.3-inch Wireless CarPlay and Android Auto Motorcycle Display User Manual</p> <p>This user manual provides comprehensive instructions for installing and operating the Carpuride 6.3-inch wireless CarPlay and Android Auto display unit for motorcycles. It covers mounting, wiring, connecting smartphones via CarPlay and Android Auto, Bluetooth audio, system settings, and after-sales support.</p>
	<p>Carpuride Motorcycle CarPlay/Android Auto Screen User Manual</p> <p>Discover the Carpuride Motorcycle CarPlay/Android Auto Screen user manual. This guide covers installation, wiring, main interface functions, connecting iOS and Android devices wirelessly, volume adjustments, audio output methods, EQ settings, SD card usage, Bluetooth calls and music, brightness control, and after-sales support for your detachable, IP67 waterproof, IPS touchscreen display.</p>
	<p>Carpuride 7-Inch Motorcycle CarPlay Android Auto Touchscreen Manual</p> <p>Comprehensive user manual for the Carpuride 7-inch wireless CarPlay and Android Auto touchscreen display for motorcycles. Features include HD dual cameras, IP67 waterproofing, Bluetooth connectivity, loop recording, and detailed installation, setup, and usage instructions.</p>