

Carpuride W702T PRO

Carpuride W702T PRO Motorcycle CarPlay & Android Auto System User Manual

Model: W702T PRO

1. INTRODUCTION

The Carpuride W702T PRO is a 7-inch waterproof display system designed for motorcycles, integrating advanced features such as wireless CarPlay, Android Auto, and a built-in Tire Pressure Monitoring System (TPMS). This device enhances your riding experience by providing navigation, communication, and entertainment functionalities directly on your motorbike's handlebars. It also includes dual Bluetooth connectivity for seamless audio transmission and intercom capabilities, along with environmental sensors like a compass and barometer.

2. PACKAGE CONTENTS

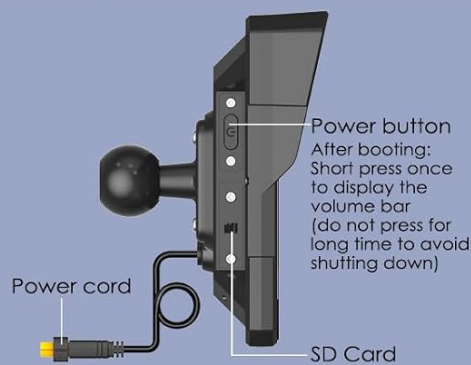
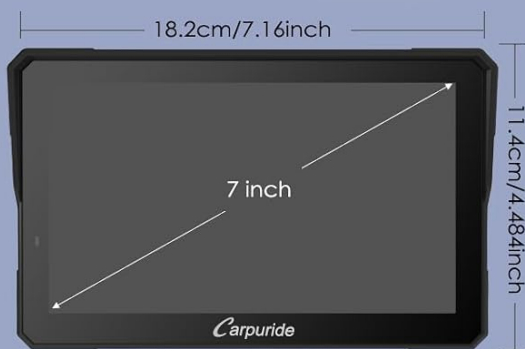
Please verify that all items listed below are present in your package:

- Carpuride W702T PRO Display Unit
- Square Bracket
- U-shaped Support Rod
- Power Cable (for motorcycle battery connection)
- USB Cable (for motorcycle USB port connection)
- 2 x TPMS Tire Sensors
- User Manual

Wider Compatible



Packing List



User Manual



Square Bracket



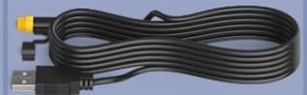
U-shaped Support Rod



Power Cable



TPMS



USB Cable

Image: Contents of the Carpuride W702T PRO package, including the main unit, mounting accessories, power cables, TPMS sensors, and the instruction manual.

3. PRODUCT OVERVIEW

The Carpuride W702T PRO is designed to provide a comprehensive and safe riding experience. Key features include:

- **Wireless CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, music, and messaging.
- **Built-in TPMS System:** Real-time tire pressure and temperature monitoring with two included sensors.
- **Dual Bluetooth Connectivity:** Allows simultaneous connection to a smartphone and two Bluetooth headsets/helmets for audio and intercom.
- **Music Sharing & Intercom:** Share audio and communicate with a passenger via BT Trans function.
- **Sensor Light:** Automatic screen brightness adjustment for optimal visibility in varying light conditions.
- **EQ Effect:** Customizable audio settings for various music styles.
- **Compass & Barometer:** Integrated tools for navigation and environmental awareness.

- **IP67 Waterproof Design:** Withstands various weather conditions.
- **Capacitive Touch Screen:** Responsive and easy to use.

Carpuride 7 inch motorcycle carplay

Full-featured, Make your operating experience more personalized

IOS / Android



Image: Overview of the Carpuride W702T PRO's main features, including CarPlay, Android Auto, Dual Bluetooth, TPMS, and environmental sensors.

Fit for All Riding Environments

- Withstand all kinds of weather
- IP67 waterproof sunscreen design
- Anti-glare vehicle gauges screen
- Works between -4°F and 158°F



Image: The Carpuride W702T PRO operating effectively in diverse riding environments, highlighting its waterproof and anti-glare screen capabilities.

4. SETUP

4.1 TPMS Installation

The TPMS system includes two tire sensors for real-time pressure and temperature monitoring. Follow these steps to install them:

1. **Remove the valve cap:** Unscrew and take off the cap from the motorcycle tire valve.
2. **Loosen the nut:** Rotate the nut on the valve counterclockwise to loosen it.
3. **Install the sensor:** Screw the TPMS sensor onto the tire valve.
4. **Tighten the nut:** Secure the nut by rotating it clockwise against the sensor.
5. **Check for air leaks:** Apply soapy water to the valve and connected parts. If bubbles appear, it indicates an air leak that needs to be addressed.

Built-in Motorcycle TPMS System

Motorcycle tire pressure monitoring system, includes 2 PCS tire sensors for real-time display tire pressure, temperature in real time. This helps maintain safe tire pressure and can alert you to any issues.



Image: Illustration of the built-in TPMS system, showing the display interface with tire pressure and temperature readings, and the physical TPMS sensors.

4.2 Power Connection Options

The W702T PRO offers two methods for power supply:

- **Motorcycle Power Line:** Connect the provided power line to your motorcycle's battery, ensuring it provides 12V and 1A. The device has built-in reverse protection.
- **Motorcycle USB Port:** If your motorcycle's USB port provides 5V and 2.5A or higher, use the USB boost cable to directly connect the W702T PRO. **Note:** If the USB port outputs less than 5V, 2A, it is not recommended to use this method as it may cause the device to shut down automatically.

4.3 Mounting the Device

Use the square bracket and U-shaped support rod to securely mount the W702T PRO to your motorcycle's handlebars. Ensure the device is positioned for optimal visibility and accessibility without obstructing your view or controls.

5. OPERATING INSTRUCTIONS

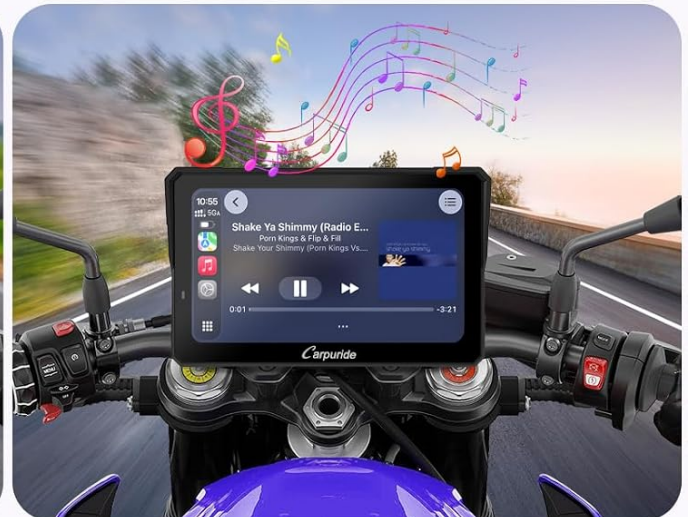
5.1 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to the W702T PRO via Bluetooth to access CarPlay or Android Auto. This allows you to use map navigation, make phone calls, play music, and send text messages with voice assistance from Siri or Google Assistant, keeping your focus on the road.

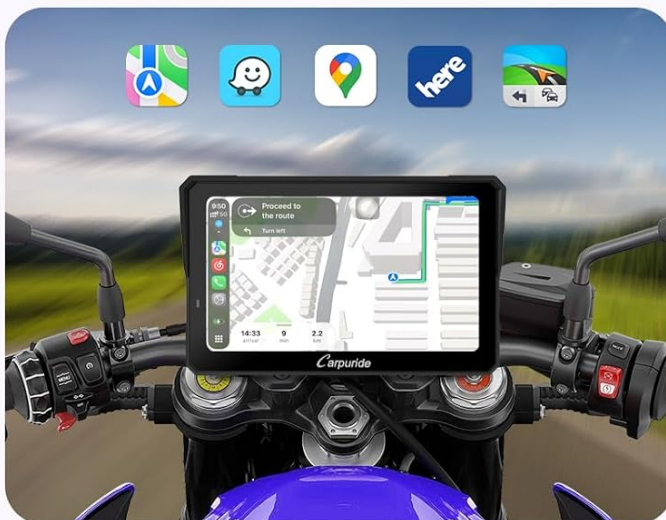
The Phone Features Free Your Hands



 Google Voice or Siri



 Listen to Music



 Wake up Navigation



 Make calls and other functions

Image: Demonstrates hands-free phone features available through CarPlay/Android Auto, including voice commands, music playback, navigation, and call management.

5.2 Dual Bluetooth Connectivity

The W702T PRO features built-in dual Bluetooth. You can pair the touchscreen with your smartphone and simultaneously connect to a Bluetooth-enabled headset or helmet. This enables hands-free calls and music playback directly through your helmet audio.

5.3 Music Sharing & Intercom

Utilize the BT Trans function to connect two Bluetooth helmets simultaneously to the CarPlay screen. This allows both the

rider and passenger to share music and use the intercom function for communication without interruption during the ride.

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: Visual representation of the music sharing and intercom functionality, allowing two Bluetooth helmets to connect to the device for shared audio and communication.

5.4 Sensor Light & EQ Effect

- **Sensor Light:** The device automatically adjusts screen brightness based on ambient light conditions, reducing eye strain and ensuring clear visibility during day and night riding.
- **EQ Effect:** Access the built-in equalizer function to customize audio output for various music genres and personal preferences.

5.5 Compass & Barometer

- **Compass:** Provides directional guidance to help you stay on course, especially useful in unfamiliar areas.
- **Barometer:** Monitors real-time altitude changes, which is beneficial for understanding environmental conditions, particularly in mountainous terrain.

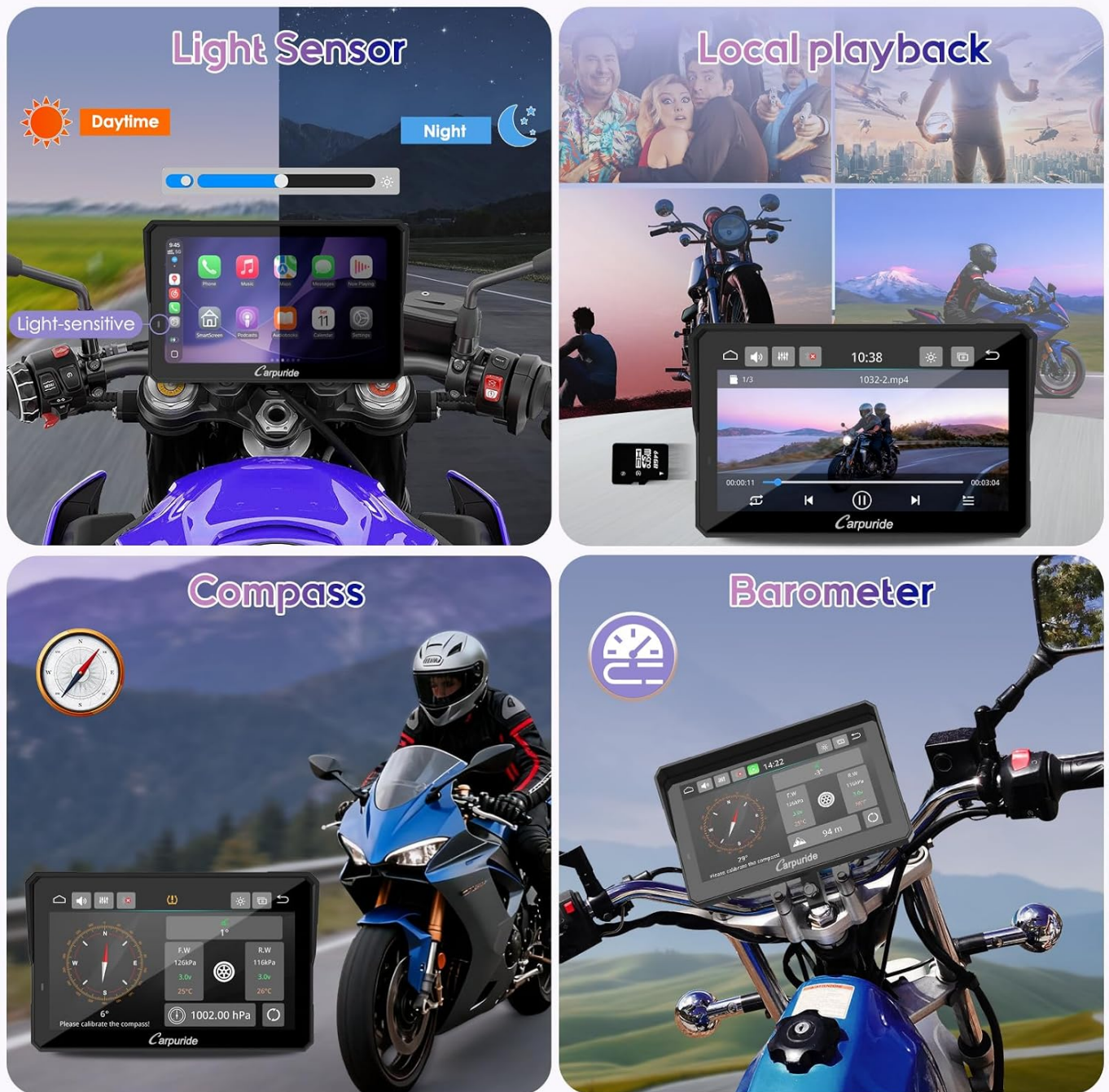


Image: Displays the functionality of the light sensor for automatic brightness adjustment, local media playback, the digital compass, and the barometer for altitude readings.

5.6 Headset Connection Modes

The W702T PRO supports different Bluetooth connection modes for headsets:

- **Bluetooth Trans (Single-Connection Mode):** Connect one Bluetooth headset or helmet to the device. Ensure the headset is discoverable. Do not connect your mobile phone directly to the headset to avoid interference.
- **Bluetooth Trans (Dual-Connection Mode):** Through the BT Trans function, audio from the Carpuride screen (e.g., from an inserted TF card) can be transmitted to two Bluetooth headsets (Bluetooth 1 and Bluetooth 2). This enables music sharing and intercom between rider and passenger.
- **CarPlay/Android Auto (Bluetooth Audio):** When using CarPlay or Android Auto, connect your smartphone to the Carpuride screen, and then connect the Carpuride screen to a single Bluetooth headset or helmet for audio transmission.

How to Set Up Helmet and Headset?

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.



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 .



iPlay/ Auto (Bluetooth Audio)

Connect your phone to the Bluetooth Headset or Helmet. and use CarPlay or Android Auto to play audio through the Bluetooth Headset or Helmet.



Image: Detailed explanation of how to set up and connect Bluetooth helmets and headsets in single, dual (BT Trans), and CarPlay/Android Auto modes.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Carpuride W702T PRO:

- Regularly clean the screen with a soft, damp cloth. Avoid abrasive cleaners.
- Ensure all connections are secure and free from corrosion.
- While the device is IP67 waterproof, avoid prolonged submersion or high-pressure water jets.
- Store the device in a cool, dry place when not in use for extended periods.

7. TROUBLESHOOTING

- **Device not powering on:** Check power connections. Ensure the motorcycle power line provides 12V, 1A, or the

USB port provides at least 5V, 2.5A.

- **Bluetooth connection issues:** Ensure your smartphone and headsets are in pairing mode and within the effective Bluetooth range (approximately 10m). Avoid connecting your phone directly to the headset when using BT Trans mode.
- **No audio in Bluetooth Trans mode:** In BT Trans mode, voice assistant commands and phone call audio are transmitted only to Bluetooth 1. Ensure the primary rider connects to Bluetooth 1.
- **Screen brightness not optimal:** The sensor light automatically adjusts brightness. Ensure the sensor is not obstructed.
- **TPMS not displaying data:** Verify that the TPMS sensors are correctly installed and tightened. Check for air leaks.

8. SPECIFICATIONS

Feature	Specification
Item Weight	2.2 pounds
Product Dimensions	7.2 x 1.74 x 4.49 inches
Display Size	7 Inches
Screen Size	7 Inches
Connectivity Technology	Bluetooth
Special Features	2 Tire Pressure Sensors, Dual Bluetooth, For Android Auto, For Apple CarPlay, Waterproof
Map Type	Worldwide (via connected smartphone)
Touch Screen Type	Capacitive
Manufacturer	Carpuride

9. WARRANTY AND SUPPORT

The Carpuride W702T PRO comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Carpuride website.

Always ensure you are using the device according to the instructions provided in this manual to maintain warranty validity.

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