



[Manuals.plus](#) /

> [CARPURIDE](#) /

> Carpuride W603B Motorcycle Carplay Screen User Manual

CARPURIDE W603B

Carpuride W603B Motorcycle Carplay Screen User Manual

Model: W603B

1. PRODUCT OVERVIEW

The Carpuride W603B is a 6.3-inch waterproof touchscreen designed for motorcycles, offering wireless CarPlay and Android Auto functionality. It provides navigation, communication, and entertainment features to enhance your riding experience.



Image 1.1: The Carpuride W603B unit, showcasing its waterproof design and the included mounting bracket, with a motorcycle in the background to illustrate its intended use.

Key Features:

- **Wireless CarPlay and Android Auto:** Seamlessly connect your smartphone for navigation, calls, music, and messaging. Compatible with iOS 6+ and Android 11+.
- **BT Trans Connectivity:** Connect to Bluetooth headsets or helmets for hands-free communication and audio.
- **IP67 Waterproof & Anti-Theft Design:** Durable and reliable performance in various weather conditions, with a detachable bracket for security.
- **Digital Wired Controller:** Allows for easy control of calls, screen on/off, and interface switching while riding.
- **6.3" HD IPS Touch Screen:** High-resolution (1440x720) display with 1000nit brightness for clear visibility, even in direct sunlight.
- **Hassle-Free Installation:** Designed for stable and secure attachment to motorcycle handlebars.

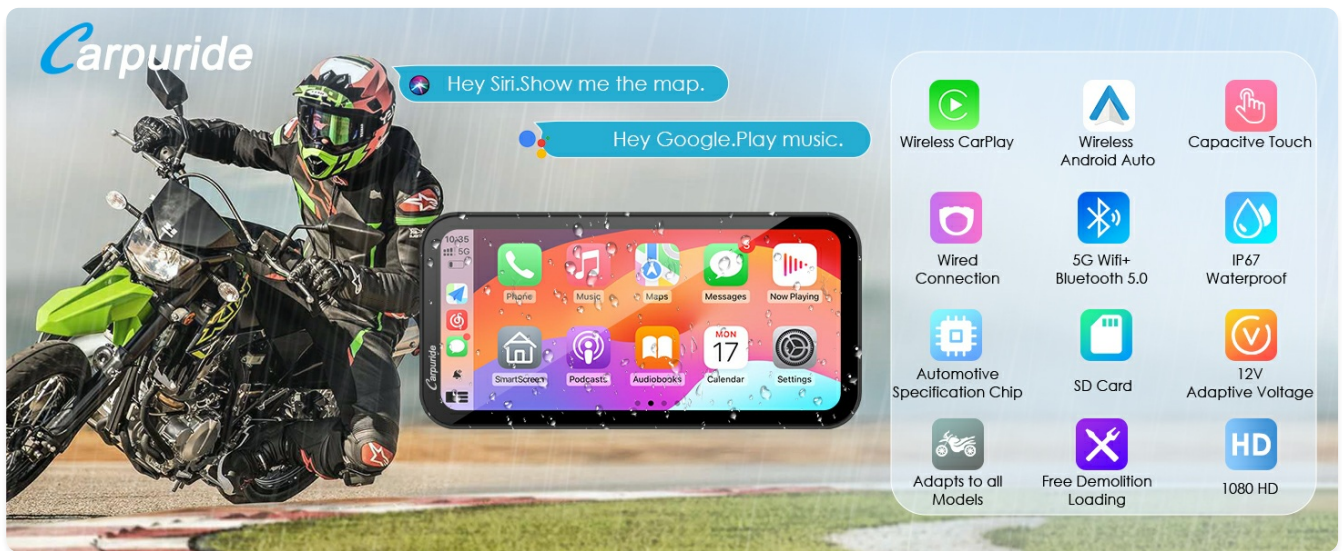


Image 1.2: An overview of the Carpuride W603B's main features, including its compatibility with Apple CarPlay and Android Auto, Bluetooth connectivity, IP67 waterproof rating, and high-definition display.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- 603 Moto Carplay Screen (x1)
- USB Cable (x1)
- Power Cable (x1)
- For BMW Special Bracket (x1)
- Wire Controller (x1)
- User Manual (x1)
- Extension Rod Bracket (x1)
- Silicone Gasket (x4)



Image 2.1: A visual representation of all items included in the Carpuride W603B package, detailing the screen, various brackets, cables, and the user manual.

3. SETUP AND INSTALLATION

Mounting the Device:

The Carpuride W603B offers two primary installation methods, depending on your motorcycle's existing setup.

Two Installation Methods

The First Method:



- 1 You must have an original BMW navigation base. Install the BMW bracket to the motorcycle carplay screen.

- 2 Follow step 1 and install it on the original BMW navigation base together.

- 3 The installation is complete and can be used.

The Second Method:



- 1 Our brackets are suitable for most motorcycle phone bracket. Install the BMW bracket to the motorcycle carplay screen.

- 2 Follow the step 1 and install it on the mobile phone holder together.

- 3 Complete the installation and you can use it.

Image 3.1: Illustration of the two main installation methods: one utilizing an existing BMW navigation base, and the other adapting to a standard mobile phone holder.

Method 1: Using Original BMW Navigation Base (for BMW R1200GS, R1250GS, S1000XR)

1. Ensure you have an original BMW navigation base.
2. Install the BMW bracket to the motorcycle Carplay screen.
3. Follow step 1 and install it on the original BMW navigation base together.
4. The installation is complete and ready for use.

Method 2: Using a Mobile Phone Holder

1. Our brackets are suitable for most motorcycle phone bracket installations.
2. Install the BMW bracket to the motorcycle Carplay screen.
3. Follow step 1 and install it on the mobile phone holder together.
4. Complete the installation and begin use.

Power Connection:

The W603B supports power supply by connecting directly to the motorcycle battery via a power take-off wire.

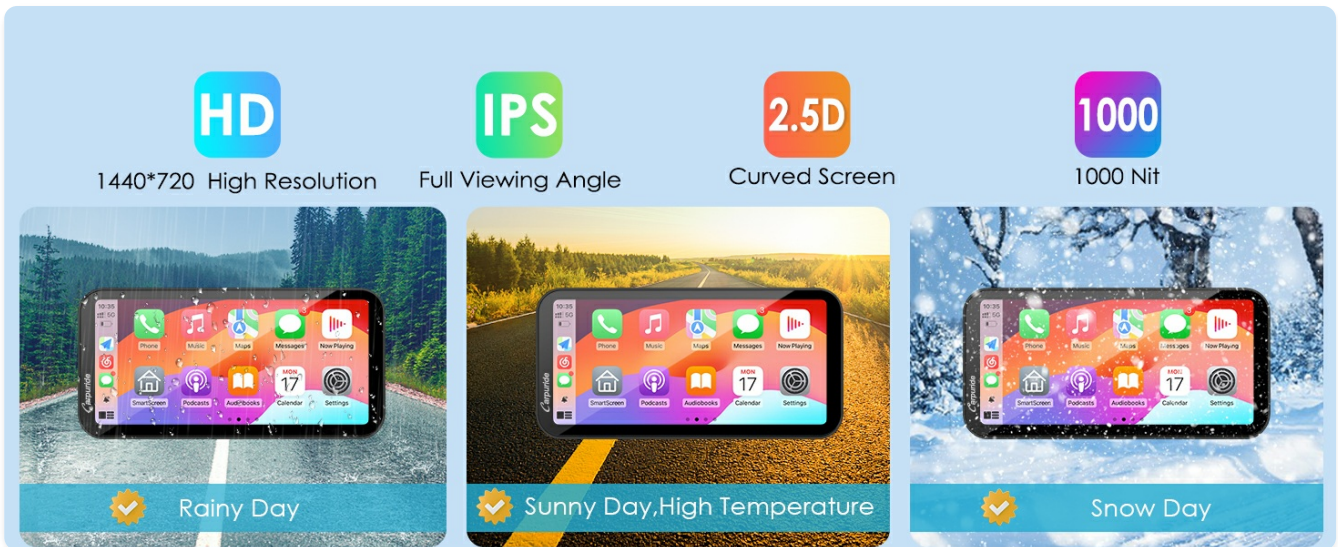


Image 3.2: Wiring diagram for connecting the Carpuride W603B to your motorcycle's battery (red wire to positive, black wire to negative) and an optional USB connection.

- Connect the red power wire to the motorcycle battery's positive terminal.
- Connect the black ground wire to the motorcycle battery's negative terminal.
- Connect the power cable to the Carplay screen.
- The Type-C port on the W603B is for manufacturer software debugging only and does not support powering the screen.

4. CONNECTIVITY AND OPERATION

Wireless CarPlay and Android Auto:

The W603B allows for wireless connection to your smartphone for a full Carplay or Android Auto experience.

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 RENO2 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 4.1: Step-by-step guide for connecting your iPhone to the Carpuride W603B via Apple CarPlay.

Apple CarPlay Requirements:

- An iPhone running iOS 6 or above.
- Requires the CarPlay system and the iPhone's voice system to be turned on.
- Ensure Siri is enabled.

BT Audio

1. Connect your phone to the headset or helmet via Bluetooth.
2. After the mobile phone is connected to W603 via Bluetooth.
3. Enter CarPlay or Android Auto and play audio or call through BT headsets or helmets.

Note: Make sure your Bluetooth headset or helmet have microphones for phone calls and voice controls.



Pair Phone via BT Connect by wifi





Bluetooth Headset & Bluetooth Helmet

Image 4.2: Step-by-step guide for connecting your Android phone to the Carpuride W603B via Android Auto.

Android Auto Requirements:

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

BT Trans (Bluetooth Audio Transmission):

Enhance your riding experience by connecting your phone and a Bluetooth headset/helmet.



Image 4.3: Diagram illustrating how the BT Trans feature allows audio from the Carplay screen to be transmitted to your Bluetooth helmet or headset.

1. Connect your phone to your Bluetooth headset or helmet.
2. Connect your phone wirelessly to the W603B via Bluetooth.
3. Enter CarPlay or Android Auto, and audio/calls will play through your BT headsets or helmets.

Note: Ensure your Bluetooth headset or helmet has microphones for phone calls and voice controls.

Wired Controller Functionality:

The included wired controller provides convenient access to essential functions without touching the screen.



Image 4.4: Details of the wired controller and its button functions for managing calls, screen power, and interface navigation.

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

Note: When using an Android phone with the W603B, the cycle button does not support answering incoming calls.

Voice Control, Music, and Navigation:

Utilize voice assistants for hands-free control and enjoy your favorite media and navigation apps.

The Phone Features Free Your Hands

Hey,Siri! Call Quella.
Hey,Siri! Play music.
OK,Google.Take me home.
OK,Google.Message for Dad.

Only supports listening to music in carplay/A-Auto mode

Google Voice or Siri

Listen to Music

Wake up Navigation

Make calls and other functions

Image 4.5: Demonstrates how to use voice commands (Siri/Google Assistant) for navigation, music playback, and phone calls, keeping your hands free while riding.

- **Voice Control:** Use Siri or Google Assistant for commands like