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› CARPURIDE W603DT Moto CarPlay 6.3" Android Auto TPMS Dash Cam User Manual

CARPURIDE W603DT

CARPURIDE W603DT Moto CarPlay 6.3" Android Auto TPMS Dash Cam User Manual

Model: W603DT

1. PRODUCT OVERVIEW

The CARPURIDE W603DT is a 6.3-inch motorcycle display system designed to enhance your riding experience with integrated features such as wireless CarPlay, Android Auto, a Tire Pressure Monitoring System (TPMS), and a dual-camera Dash Cam. It offers a robust, waterproof design suitable for various weather conditions and provides clear visibility with its HD IPS screen.

6.3 inch HD Wireless Portable Motorcycles Carplay

Full-featured, Make your operating experience more personalized

IOS / Android



Apple Carplay



Android Auto



Bluetooth



Dual Recording



TPMS



IP67 Waterproof



Screen Rotation



TF/SD Card



Built-in 5G Chip



Free online update

Figure 1: Overview of CARPURIDE W603DT features including CarPlay, Android Auto, TPMS, and Dash Cam.

2. SETUP AND INSTALLATION

2.1 Package Contents

Ensure all components are present before beginning installation:

- W603DT Main Unit
- Power Cable
- Front Camera
- Rear Camera
- Wire Controller
- USB Cable
- 64GB TF Card
- TPMS Sensors (2 units)

- Extension Rod Bracket
- Silicone Gasket Set (12mm, 22mm, 25.4mm, 28mm)
- User Manual

Wider Compatible



Packing Included



Figure 2: Included components in the CARPURIDE W603DT package.

2.2 Mounting the Device

The device comes with mounting brackets and tools for easy installation on your motorcycle handlebar. The bracket system ensures a stable and secure fit.

1. Choose the appropriate thickness of silicone pads based on your motorcycle handlebar diameter (12mm, 22mm, 25.4mm, or 28mm). Stack pads if necessary for a snug fit.
2. Attach the metal mount to the handlebar using a Phillips screwdriver.
3. Secure the connecting rod to the metal mount.
4. Insert the W603DT device and adjust its position as desired. Tighten the adjustment ring to secure it.
5. Installation is complete.

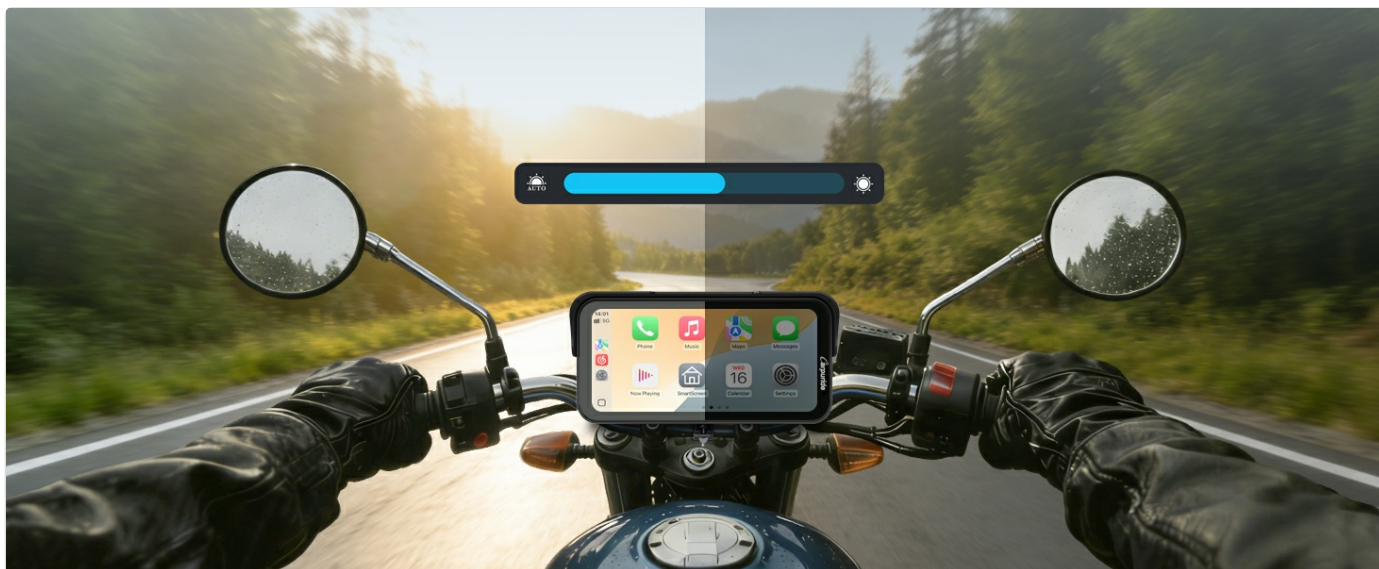


Figure 3: Bracket installation steps for the W603DT.

2.3 Wiring Connection

The W603DT requires connection to your motorcycle's battery for power. The Type-C port is for manufacturer debugging only and does not support power input.

1. Connect the power cord to the W603DT unit.
2. Connect the red power wire to the motorcycle battery's positive terminal (ACC).
3. Connect the black ground wire to the motorcycle battery's negative terminal.
4. Connect the front camera cable to the designated port on the W603DT.
5. Connect the rear camera cable to the designated port on the W603DT.
6. Connect the wire controller cable to its port on the W603DT.



Figure 4: Wiring diagram for the W603DT system.

2.4 TPMS Sensor Installation and Pairing

The TPMS system monitors tire pressure and temperature in real-time.

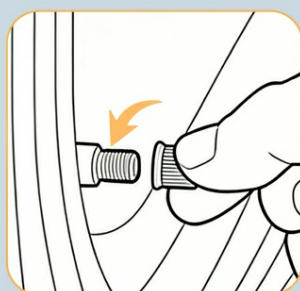
1. Unscrew the valve cap from your tire.
2. Rotate the nut counter-clockwise onto the valve stem.
3. Screw the TPMS sensor onto the valve stem.

4. Check for air leaks using soapy water.

To pair the TPMS sensors:

1. Open the Settings menu on the W603DT and check the system software version to confirm TPMS support.
2. Access the tire pressure monitoring interface.
3. Change the vehicle mode (e.g., 2 wheels for a motorcycle).
4. Connect all current sensors step-by-step.
5. Enter the pairing codes for the two sensors to complete the connection.
6. Set optional custom alarm settings for tire pressure monitoring.

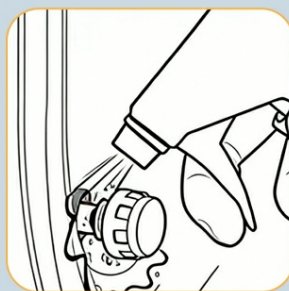
Come installare un sensore di pressione dei pneumatici



1. Svitare il tappo della valvola



2. Ruotare il dado in senso antiorario

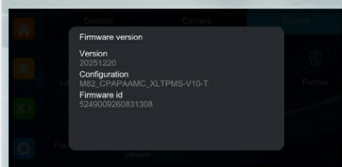


3. Verificare la presenza di perdite d'aria con acqua saponata



Figure 5: TPMS sensor installation guide.

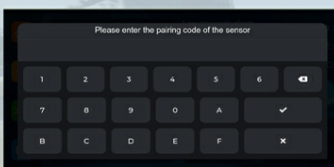
Procedura di accoppiamento TPMS



Aprire Impostazioni e controllare il numero di versione del software nel sistema per verificare se include il monitoraggio della pressione dei pneumatici.



Aprire l'interfaccia di monitoraggio della pressione dei pneumatici, cambiare la modalità del veicolo, collegare tutti i sensori attuali e confermare. Il numero di conferme dipende dal numero di ruote; ad esempio, confermare 2 volte per una motocicletta a 2 ruote e 4 volte per una motocicletta a 4 ruote.



Inserire i codici di accoppiamento dei due sensori per collegarli.



Impostare il valore di allarme in base alle proprie esigenze; il collegamento è facoltativo.

Figure 6: TPMS pairing procedure on the W603DT.

3. OPERATING INSTRUCTIONS

3.1 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly to the W603DT to access navigation, music, calls, and other phone functions directly on the screen. Voice control via Google Assistant or Siri is supported.

For Apple CarPlay:

1. Open CarPlay on the W603DT screen.
2. On your iPhone, search for the W603DT Bluetooth device (e.g., "carpuride-xxxx") and pair.
3. Confirm the connection on your iPhone by tapping "Allow" and "Use CarPlay."
4. The connection is successful.

For Android Auto:

1. Open Android Auto on the W603DT screen.
2. Find available devices on your Android phone.
3. Add a new CARPURIDE device (e.g., "carpuride-xxxx") and tap "Pair."
4. The connection is successful.

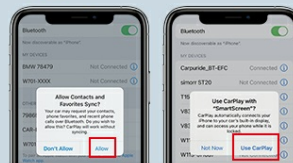
Compatibility Notes:

- CarPlay requires an iPhone with iOS 6 or later, CarPlay system activation, and Siri enabled.
- Android Auto requires a phone that supports Wi-Fi at 5 GHz, Android 11 or later, and the latest Android Auto app version.
- Not compatible with Huawei phones or phones running HarmonyOS.

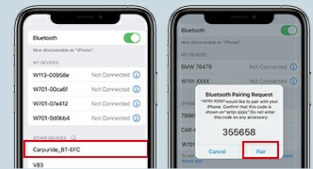
Apple Carplay Connect



1 Apri CarPlay



3 Fai clic su "Consenti" e "Usa Carplay"



2 iPhone cerca Bluetooth "carpuride-xxxx" per Associa



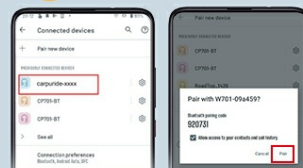
4 La connessione è riuscita

Figure 7: Apple CarPlay connection guide.

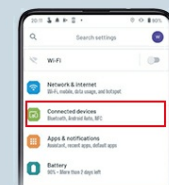
Connessione Android Auto



1 Ouvrir A-Auto



3 Aggiungi un nuovo dispositivo carpuride-xxxx Fai clic su "Abbina"



2 Trova i dispositivi collegati



4 La connessione è riuscita

Figure 8: Android Auto connection guide.

3.2 Bluetooth Audio

Enhance your riding experience by connecting your smartphone and Bluetooth-enabled earphones or helmet to the W603DT.

1. Connect your phone to your headset or helmet via Bluetooth.
2. After your phone is wirelessly connected to the W603DT via CarPlay or Android Auto.
3. Enter CarPlay or Android Auto and play audio or make calls through your Bluetooth headset or helmet.

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

BT Audio

1. Connect your phone to the headset or helmet via Bluetooth.
2. After the mobile phone is connected to W603D 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



Figure 9: Bluetooth Audio connection setup.

3.3 Dash Cam Operation

The W603DT features dual 1080P 30FPS HD cameras with a 140° wide-angle view for front and rear recording. A 64GB TF card is included for storage.

- In DVR mode, the screen supports split-screen viewing, allowing simultaneous display of front and rear camera feeds.
- When the TF card is full, older videos are automatically overwritten, and recording continues in a loop.

Moto Dual Cam Loop Recording



1080P +30FPS



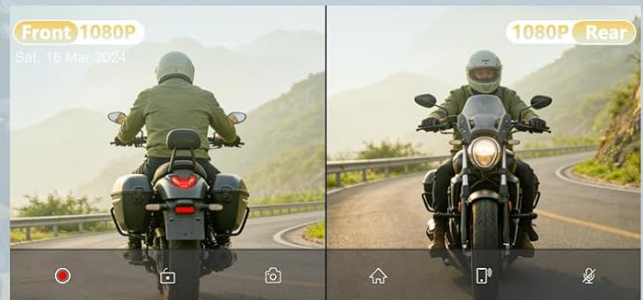
140° Wide Angle



Waterproof IP67



Wired Connection



Front +Rear Cam Split Screen



1080P Front Cam



1080P Backp Cam



Figure 10: Dual Dash Cam features and split-screen view.

3.4 Wired Controller

The wired controller allows for quick access to various functions without taking your hands off the handlebars.

- **Cycle Button:** Switch between the rear camera screen, home screen, and current interface.
- **Photo Button:** Take photos.
- **Home Button:** Return to the home screen.
- Answer phone calls and save videos.

Note: When using an Android phone connected to the W603DT, the handlebar button does not support answering incoming calls.

BT Audio

1. Connect your phone to the headset or helmet via Bluetooth.
2. After the mobile phone is connected to W603D 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

Wired Controller

You can switch between rear camera screen, home page and current interface by click the button of the wired controller. Can answer the phone, take pictures, lock up video.



Figure 11: Wired Controller functions.

3.5 Screen Rotation

The W603DT supports screen rotation to optimize viewing based on your preference or navigation needs.

- To rotate the screen, click the "Screen Rotation" button in the settings. The device will automatically shut down and restart after 5-8 seconds.
- When installing the camera, check its orientation on the display. If the image is inverted, loosen the screws, rotate the camera to the correct direction, then tighten the screws.

Schermo girevole Carpuride per motociclette

Decidete in base alle vostre esigenze se utilizzare la funzione di rotazione dello schermo. Durante la navigazione, è più facile vedere le condizioni della strada davanti a voi con lo schermo in verticale piuttosto che in orizzontale.

Note:

- (1) Quando si fa clic sul pulsante "Rotazione schermo", il dispositivo si spegne automaticamente e si riavvia per alcuni secondi. L'operazione richiede circa 5-8 secondi, si prega di attendere!
- (2) Quando si installa la telecamera, controllare prima l'orientamento in avanti e all'indietro della telecamera rispetto al display sullo schermo. Se il display è invertito, allentare le viti, ruotare la telecamera nella direzione corretta, quindi serrare le viti.



Figure 12: Screen rotation functionality.

4. MAINTENANCE

The W603DT is designed for durability and performance in various conditions.

- **Waterproof Design:** The device has an IP67 waterproof rating, ensuring reliable performance in heavy rain.
- **Temperature Resistance:** It operates effectively in temperatures ranging from -20°C to 80°C.
- **Cleaning:** Use a soft, damp cloth to clean the screen and device body. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place.

Go Confidently Into Every Ride



IP67 Waterproof



Sunscreen Design



Snow Days



Figure 13: W603DT durability features.

5. TROUBLESHOOTING

- **Device not powering on:** Ensure the power cable is correctly connected to the motorcycle battery's positive (ACC) and negative terminals. The Type-C port is for debugging only and does not provide power.
- **CarPlay/Android Auto not connecting:**
 - Verify your smartphone meets the compatibility requirements (iOS 6+ for CarPlay, Android 11+ with 5GHz Wi-Fi for Android Auto).
 - Ensure Bluetooth and Wi-Fi are enabled on your phone.
 - Check that your phone is not a Huawei device or running HarmonyOS, as these are not compatible.
 - Restart both the W603DT and your smartphone.
- **Dash Cam recording issues:**
 - Ensure the 64GB TF card is properly inserted.

- Check if the card is full; older videos are automatically overwritten.
- Verify camera cables are securely connected.

• **TPMS sensors not pairing:**

- Confirm the system software version supports TPMS.
- Ensure sensors are correctly installed on the valve stems.
- Follow the pairing procedure carefully, entering the correct codes.

- **Screen image inverted (after camera installation):** Loosen the camera screws, rotate the camera to the correct orientation, then tighten the screws.

6. SPECIFICATIONS

Feature	Specification
Model Number	W603DT
Screen Size	6.3 inches
Display Type	HD IPS Touchscreen
Resolution	1560x720
Brightness	Up to 1000 nits
Connectivity Technology	Bluetooth, Wi-Fi (5GHz for Android Auto)
Wireless Technologies	CarPlay, Android Auto
Dash Cam	Dual 1080P 30FPS HD Cameras (Front & Rear), 140° Wide Angle
Storage	64GB TF Card (included), Loop Recording
TPMS	Integrated Tire Pressure Monitoring System (2 sensors included)
Waterproof Rating	IP67
Operating Temperature	-20°C to 80°C
Control Method	Touch, Voice (Siri/Google Assistant), Wired Controller
Audio Output Mode	Bluetooth
Dimensions (DxWxH)	2.4P x 16.8I x 8.3H cm

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Specific warranty details for the CARPURIDE W603DT are typically provided at the point of purchase or within the product packaging. Please refer to your purchase documentation or contact the retailer for precise warranty terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or inquiries regarding your device, please contact CARPURIDE customer support through their official website or the retailer from whom you purchased the product. Have your model number (W603DT) and purchase details ready when contacting support.

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