

[Manuals.plus](#) /

> [VECHTEL](#) /

> VECHEL 7-inch IPS HD Touchscreen Car Radio for Opel Corsa C/D, Zafira B, Astra H, Meriva, Vivaro, Signum, Combo with Android 15, CarPlay, Android Auto, GPS, Wi-Fi, Bluetooth, FM/RDS, and Rear Camera

VECHTEL B0GH5862W4

VECHTEL 7-inch IPS HD Touchscreen Car Radio User Manual

Model: B0GH5862W4

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your VECHEL 7-inch IPS HD Touchscreen Car Radio. This advanced car multimedia system features Android 15, wireless CarPlay and Android Auto, GPS navigation, Wi-Fi connectivity, Bluetooth for hands-free calls, FM/RDS radio, and support for a rear camera. Please read this manual thoroughly before use to ensure proper functionality and safety.

1.1 Vehicle Compatibility

This car radio is designed for specific Opel models. Please verify your vehicle's compatibility before installation.

Compatible models include:

- Opel Astra (2004-2009)
- Opel Antara (2006-2011)
- Opel Corsa (2006-2011)
- Opel Zafira (2005-2011)
- Opel Meriva (2006-2011)
- Opel Vivaro (2006-2010)
- Opel Combo (2004-2011)
- Opel Signum (2003-2011)
- Opel Tigra Twin Top (2004-2011)

For confirmation, it is recommended to provide your car's model year and a photo of your central dashboard to the seller before purchase.



Figure 1: Vehicle Compatibility Guide. This image displays various Opel car dashboards, indicating which models are compatible with the VECYTEL car radio and providing a visual guide for checking your vehicle's central console.



Figure 2: Before and After Installation. This image illustrates the visual transformation of an Opel car's central console, showcasing the sleek integration of the VECYTEL car radio compared to the original setup.

2. SETUP AND INSTALLATION

2.1 Unboxing and Components

Before beginning installation, ensure all components are present in the box:

- VECYTEL 7-inch IPS HD Touchscreen Car Radio
- GPS Antenna
- Rear Camera
- Canbus Decoder
- External Microphone
- Power Cable
- RCA Cable
- USB Cable
- User Manual (this document)

- Disassembly Tools (may vary)
- Radio Antenna
- Installation Tool (may vary)



Figure 3: Car Power Cord Installation Precautions and Included Accessories. This diagram illustrates the dimensions of the car radio (21.4 cm x 12.0 cm) and lists the various components and tools typically included for installation, such as power cables, RCA cables, GPS antenna, and a rear camera.

2.2 Wiring Diagram

Refer to the following diagrams for correct wiring connections. Incorrect wiring can damage the unit or your vehicle's electrical system.

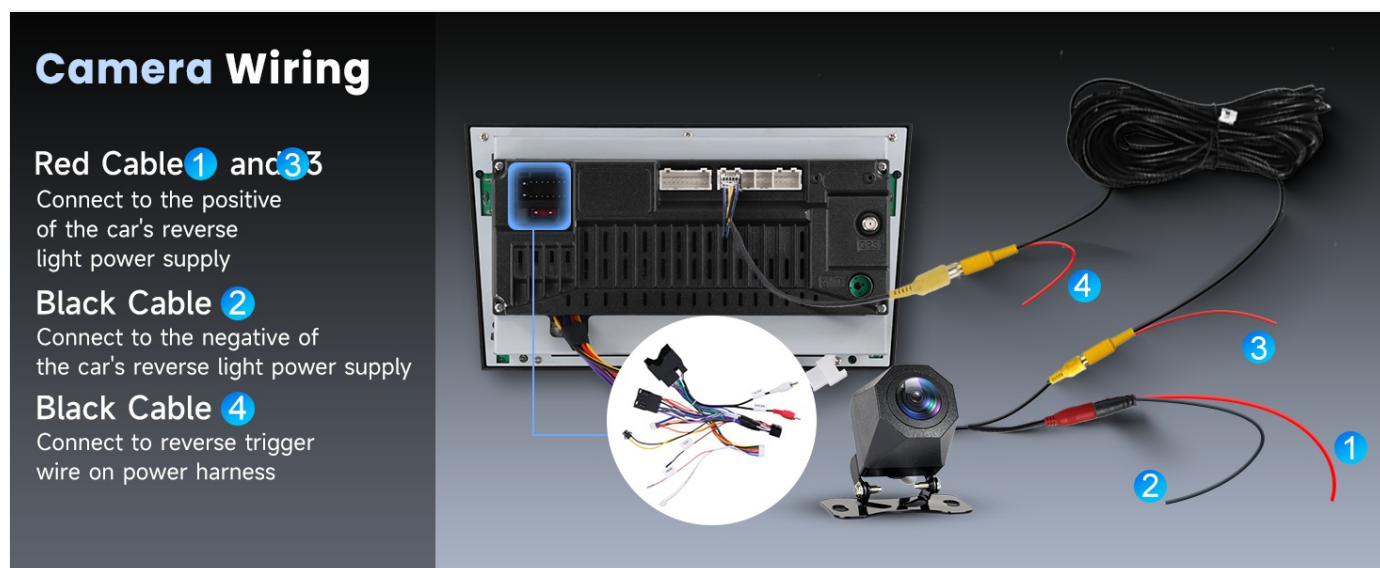


Figure 4: Camera Wiring Diagram. This diagram specifically details the connections for the rear camera, showing how to connect the red and black cables to the car's reverse light power supply and the reverse trigger wire.

2.3 Initial Power-On

After completing all wiring, turn on your vehicle's ignition. The car radio should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone settings.

3. OPERATING INSTRUCTIONS

3.1 User Interface and Display

The unit features a 7-inch IPS HD touchscreen with a resolution of 1024x600 pixels, providing clear visuals and responsive touch control. The Android 15 operating system ensures smooth performance with its 4-core processor and 4GB RAM + 64GB ROM.



Figure 5: 7-inch IPS HD Touchscreen and Split Screen. This image emphasizes the responsive 7-inch IPS HD touchscreen, demonstrating its clarity and the ability to use a split-screen function for multitasking.

You can customize the appearance of your car radio by selecting from multiple user interface themes.



Figure 6: Multiple UI Themes. This image displays various dashboard interface options, allowing users to personalize the look of their car radio.

3.2 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly to access CarPlay (for iOS devices) or Android Auto (for Android devices). This allows you to use voice assistants (Siri or Google Assistant), make calls, access music, send/receive messages, and get directions directly from the car radio display.

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.

- On the car radio, navigate to the CarPlay or Android Auto application.
- Follow the on-screen instructions to pair your device.



Figure 7: Wireless CarPlay, Android Auto, and Mirror Link. This image demonstrates the car radio's capability to connect wirelessly with smartphones for CarPlay and Android Auto, along with the Mirror Link function for screen mirroring.

3.3 GPS Navigation and Wi-Fi

The unit includes a built-in GPS module, supporting both online and offline maps. Connect to Wi-Fi or a mobile hotspot to access online maps, download applications from the Play Store, and stream online content.

- **GPS:** Open the navigation app and select your destination. Ensure the GPS antenna is properly installed for optimal signal reception.
- **Wi-Fi:** Go to Settings > Network & Internet > Wi-Fi to connect to an available network or hotspot.

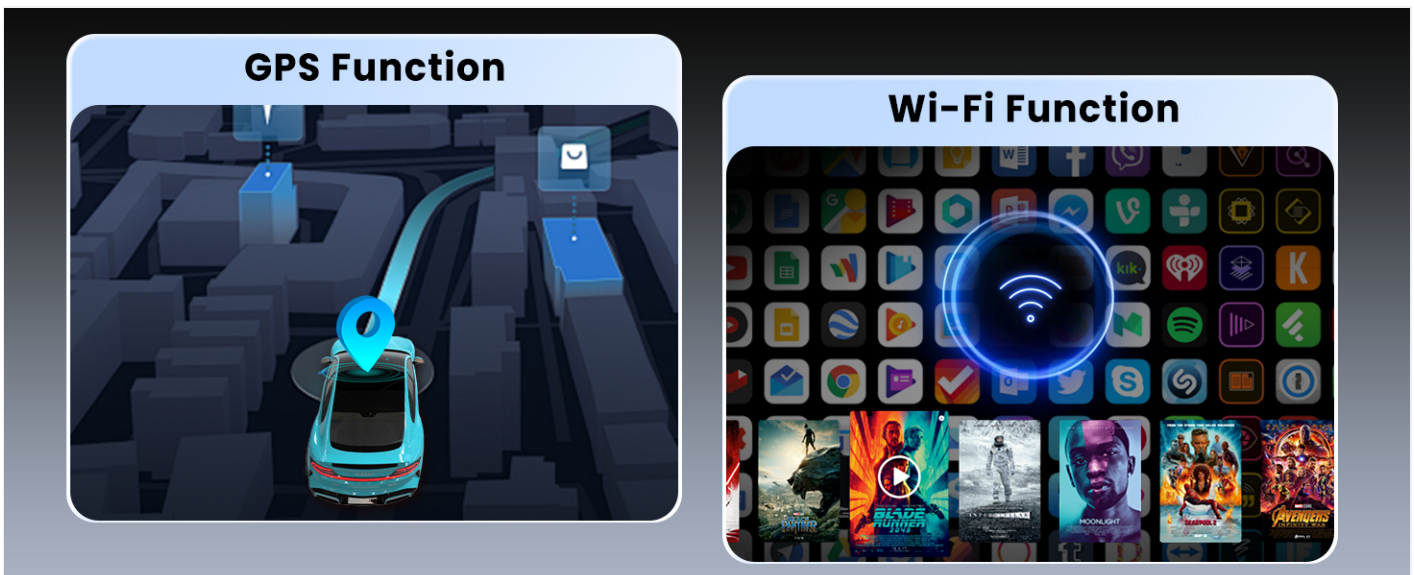


Figure 8: GPS and Wi-Fi Functions. This image demonstrates the car radio's capabilities for GPS navigation and Wi-Fi connectivity, allowing for online maps, app downloads, and internet access.

3.4 Bluetooth Connectivity

The integrated Bluetooth 5.0 allows for hands-free calling and audio streaming. Pair your phone to make and receive calls safely while driving.

- Go to Settings > Bluetooth on the car radio.
- Enable Bluetooth on your phone and search for the car radio device.
- Select the device and confirm pairing.



Figure 9: Bluetooth 5.0 Connectivity and High-Speed Operation. This image highlights the car radio's Bluetooth 5.0 capabilities for stable and fast wireless connections, along with the Android 15 OS and hardware specifications ensuring smooth performance.

3.5 FM/RDS Radio

Access a wide range of radio stations with clear sound quality through the FM/RDS tuner. RDS (Radio Data System) provides additional information like station name and song titles.

- Open the Radio application.
- Use the scan function to find available stations or manually tune to a frequency.
- Save your favorite stations for quick access.

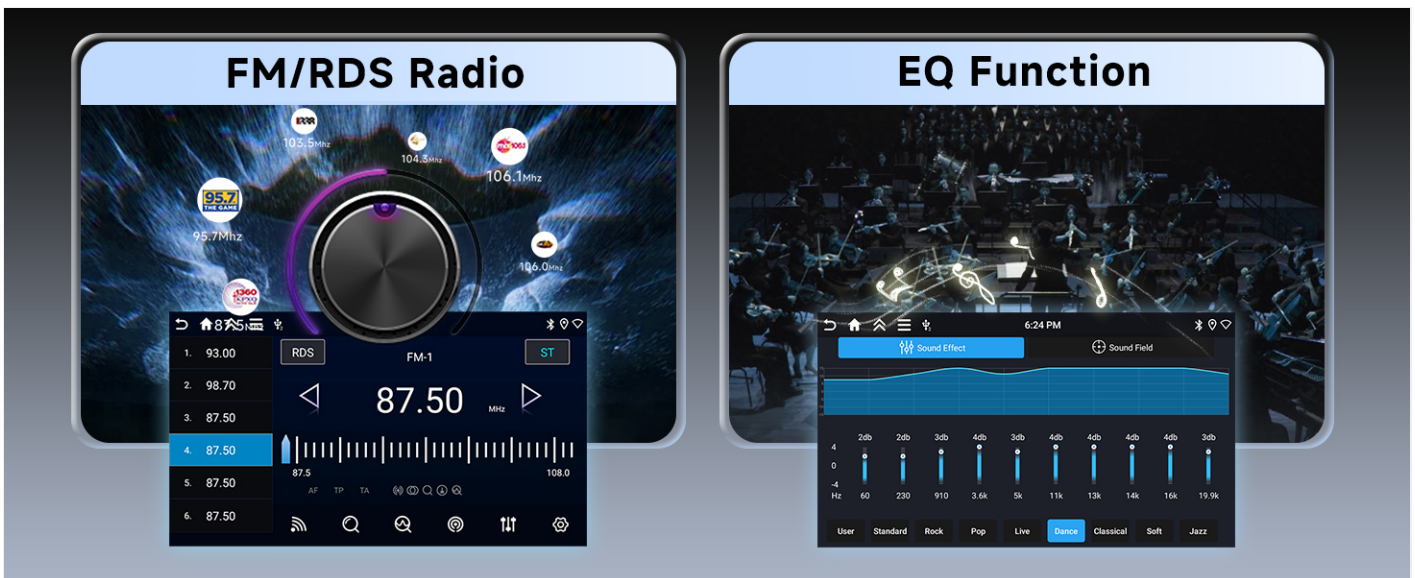


Figure 10: FM/RDS Radio and EQ Function. This image displays the radio interface with station tuning and the equalizer settings for audio customization.

3.6 Rear Camera Functionality

When properly installed, the rear camera automatically displays the view behind your vehicle when shifting into reverse,

aiding in parking and maneuvering.



Figure 11: Backup Camera and Steering Wheel Control. This image illustrates the rear camera display on the car radio screen, providing a clear view for parking, alongside the steering wheel controls for convenient operation.

3.7 Steering Wheel Controls

If your vehicle supports it and the Canbus decoder is correctly connected, you can configure your steering wheel controls to operate the car radio functions such as volume, track skipping, and answering calls. Refer to the system settings for steering wheel control mapping.

3.8 Other Features

- **Mirror Link:** Connect your smartphone to mirror its screen content onto the car radio display.
- **EQ Settings:** Customize audio output with the built-in equalizer to suit your preferences.
- **USB and Type-C Ports:** Use the available ports for media playback, charging devices, or connecting external storage.
- **Split Screen:** Utilize the split-screen function to run two applications simultaneously, for example, navigation and music.

4. MAINTENANCE

4.1 Cleaning the Screen

To clean the touchscreen, power off the unit and gently wipe it with a soft, lint-free cloth. For stubborn smudges, use a screen cleaner specifically designed for electronic displays. Avoid abrasive materials or harsh chemicals.

4.2 Software Updates

Periodically check for software updates via the system settings when connected to Wi-Fi. Updates can improve performance, add new features, and enhance security.

4.3 General Care

Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure all connections are secure to prevent intermittent issues.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power wiring; Blown fuse; Vehicle ignition off.	Check power cable connections; Inspect vehicle fuses; Ensure ignition is on.
No sound.	Volume too low; Mute activated; Speaker wiring incorrect.	Increase volume; Deactivate mute; Verify speaker connections.
GPS signal weak or inaccurate.	GPS antenna improperly installed or obstructed; Poor satellite reception.	Ensure GPS antenna has a clear view of the sky; Check antenna connection. Note: Some GPS functions may require an internet connection.
Bluetooth not connecting.	Bluetooth off on phone or radio; Device not in pairing mode; Interference.	Enable Bluetooth on both devices; Put radio in pairing mode; Try pairing in a different location.
Rear camera not displaying.	Camera wiring incorrect; Camera faulty; Reverse gear not detected.	Review camera wiring diagram (Figure 4); Test camera if possible; Ensure reverse gear is engaged.
Radio reception is poor (especially in rural areas).	Weak antenna signal; Environmental interference.	Check radio antenna connection; Consider installing a high-quality antenna amplifier if issues persist in specific areas.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact VECHTEL customer support.

6. SPECIFICATIONS

Brand	VECHTEL
Model Number	B0GH5862W4
Operating System	Android 15
Processor	4 Core
RAM	4GB
Internal Storage (ROM)	64GB
Screen Size	7 inches
Display Type	IPS HD Touchscreen
Connectivity Technology	Bluetooth (5.0), USB, Wi-Fi

Special Features	Integrated Bluetooth, Wireless CarPlay, Wireless Android Auto, GPS Navigation, Integrated Wi-Fi, Touchscreen
Compatible Devices	Smartphone
Connector Type	RCA, USB
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	4.0
Video Encoding	H.264, H.265/HEVC
Output Power	45 Watts (per channel)
Total Wattage Output	180 Watts
Control Method	Touch, Manual
Digital Media Format	AVI, WAV, WMA
Item Dimensions (L x W x H)	11.9 x 17.8 x 7 cm
Country of Origin	China

7. WARRANTY AND SUPPORT

7.1 Product Warranty

This VECHTEL car radio comes with a **three-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact VECHTEL customer support through the platform where you purchased the product. When contacting support, please provide your model number (B0GH5862W4) and a detailed description of the issue.

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

Open the live page

<https://manuals.plus/asin/B0GH5862W4>

More documents and user manuals: **<https://manuals.plus/>**