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VECHTEL VECHTEL-CARSTEREO-104

VECHTEL VECHTEL-CARSTEREO-104 10.4-inch Single DIN Touchscreen Car Stereo User Manual

Model: VECHTEL-CARSTEREO-104

INTRODUCTION

Thank you for choosing the VECHTEL VECHTEL-CARSTEREO-104 10.4-inch Single DIN Touchscreen Car Stereo. This device is designed to enhance your driving experience with advanced features including Wireless CarPlay, Android Auto, Bluetooth connectivity, Mirror Link, FM Radio, Subwoofer output, Steering Wheel Control (SWC) compatibility, and a backup camera input. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and safety.

WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, contact customer support.

- 1 x Car MP5 Player (Main Unit)
- 1 x Remote Control
- 1 x HD Backup Camera
- 1 x User Manual
- 1 x Power Cable
- 1 x Horn Cable
- 1 x Microphone (MIC)
- Mounting Brackets

Size / Packing List

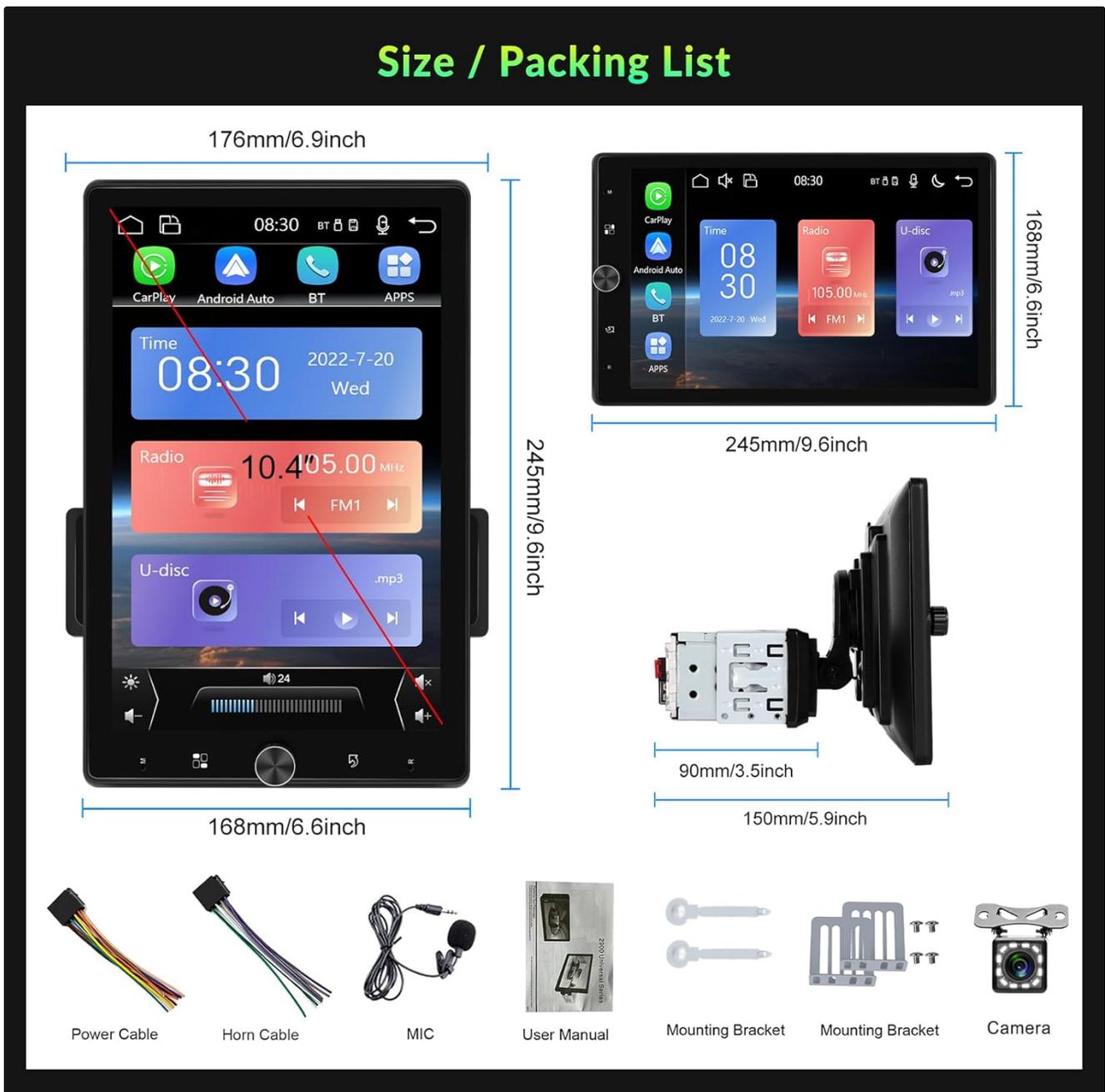


Image: Package contents showing the main stereo unit, remote control, backup camera, various cables (power, horn, microphone), mounting brackets, and user manual.

PRODUCT FEATURES OVERVIEW

The VECHTEL-CARSTEREO-104 offers a range of features for an enhanced in-car entertainment and navigation experience:

- **10.4-inch 2.5D HD Touch Screen:** A large, high-resolution (800*1280) display for clear visuals.
- **Adjustable Screen Angle:** Manually rotate the screen for vertical or horizontal viewing, or adjust to any preferred angle.
- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, calls, and messages via Bluetooth or Wi-Fi.
- **Voice Control:** Access apps and functions hands-free using voice commands.
- **Mirror Link:** Display your Android or iOS phone screen directly on the stereo via USB connection.
- **Hands-free Bluetooth:** Make and receive calls safely and stream audio wirelessly.
- **FM Radio:** Built-in tuner with 18 preset stations for news, traffic, and music.

- **HD Backup Camera Input:** Automatically displays the rear view when reversing, with night vision and waterproof features.
- **Steering Wheel Control (SWC):** Control essential functions directly from your steering wheel.
- **Subwoofer Output & 16-Band EQ:** Customize your audio experience with powerful bass and a detailed equalizer.

10.4" HD Touch Screen

With our HD Full Touch Screen, experience unparalleled clarity and vibrancy.





1280*800



10.4inch



2.5D



Touch Screen



HD

Image: Close-up of the 10.4-inch HD Touch Screen highlighting its resolution, size, 2.5D design, and touch capabilities.

SETUP & INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

General Installation

1. Remove the existing car stereo from your vehicle's dashboard.
2. Connect the provided power cable and horn cable to the corresponding ports on the VECHTEL-CARSTEREO-104 and your vehicle's wiring harness. Ensure all connections are secure.
3. Mount the main unit into the single DIN slot using the provided mounting brackets.

4. Carefully route all necessary cables (USB, AUX, camera, etc.) to their respective locations.

Backup Camera Wiring

To enable the backup camera function, follow these wiring instructions:

- Connect the camera's video output cable to the **CAMIN** interface on the back of the car stereo.
- Connect the camera's trigger wire (often labeled "back in" or "reverse") to the reverse light positive power supply of your vehicle. This signal tells the stereo to switch to camera view when reversing.
- Connect the camera's positive power wire to the positive power of the reverse light.
- Connect the camera's ground wire to the ground power of the reverse light or a suitable vehicle ground point.

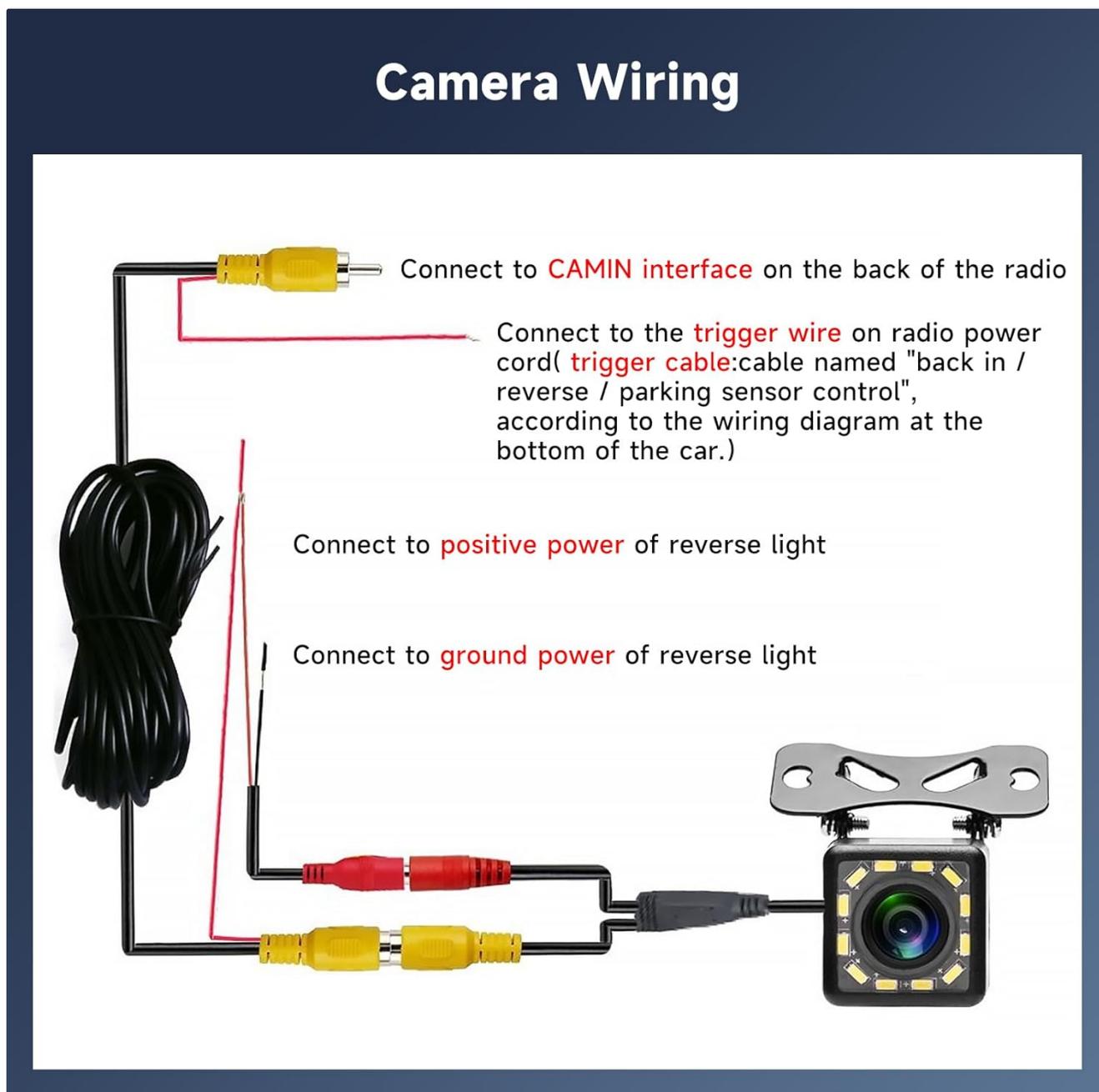


Image: Detailed wiring diagram for the HD backup camera, illustrating connections to the stereo's CAMIN input, reverse light positive, and ground.

Adjusting Screen Angle

The 10.4-inch screen can be manually adjusted to suit your viewing preference. You can rotate it between horizontal and vertical orientations, or tilt it to various angles for optimal visibility and to avoid obstructing other vehicle controls.

Adjusting Angle



One Hand Operation



Regulation mode



Fixed mode



Image: Visual guide on adjusting the screen's angle, showing both horizontal and vertical screen orientations and the mechanism for adjustment.

OPERATING INSTRUCTIONS

Wireless CarPlay / Android Auto

Connect your smartphone wirelessly to access navigation, music, calls, and more directly on the stereo's display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, navigate to the CarPlay or Android Auto application.
3. Pair your phone with the car stereo via Bluetooth. Follow the on-screen prompts to complete the connection.
4. Once connected, CarPlay or Android Auto will launch automatically, mirroring compatible apps to the stereo screen.

Voice control can be activated through the CarPlay/Android Auto interface, allowing hands-free operation for navigation, messaging, and music playback.

Wireless Carplay / Android Auto



Image: The car stereo display showing the Wireless CarPlay interface with common applications and voice command prompts.

Mirror Link (Android/iOS)

Mirror Link allows you to display your smartphone's screen content directly on the car stereo's large display.

1. Connect your smartphone to the car stereo using a high-quality USB cable.
2. On the car stereo, select the "Mirror Link" function.
3. Follow any on-screen instructions on both your phone and the stereo to establish the connection.
4. Once connected, your phone's screen will be mirrored, allowing access to apps like YouTube, text messages, and contacts.



Image: The car stereo displaying a mirrored smartphone screen, illustrating the Mirror Link feature for both iOS and Android devices via USB or Wi-Fi.

Hands-free Bluetooth & FM Radio

Bluetooth:

1. Enable Bluetooth on your phone and the car stereo.
2. Search for available devices on your phone and select the car stereo's Bluetooth name.
3. Confirm the pairing code if prompted.
4. Once paired, you can make/receive calls and stream music wirelessly.

FM Radio:

1. Select the "Radio" application on the stereo.
2. Use the scan function to find available stations or manually tune to a specific frequency.
3. Save your favorite stations to the 18 available presets.

Steering Wheel Control (SWC)

If your vehicle supports Steering Wheel Control, you can configure the stereo to respond to your steering wheel buttons for functions like volume, track change, and call management. Refer to your vehicle's manual for SWC wiring and the stereo's settings menu for programming the buttons.

Audio Settings (Subwoofer / 16-Band EQ)

The stereo features a 16-band equalizer to fine-tune your audio output. Access the EQ settings through the audio menu to adjust frequency bands and create custom sound profiles. The unit also supports subwoofer output for enhanced bass performance. Ensure your subwoofer is correctly wired to the dedicated output on the stereo.

MAINTENANCE

To ensure the longevity and optimal performance of your car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges on the screen, use a screen-specific cleaner and a microfiber cloth. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website for any available software or firmware updates. Updates can improve performance, add new features, or fix bugs.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected and free from damage. Loose connections can lead to intermittent issues.

TROUBLESHOOTING

If you encounter issues with your VECHTEL-CARSTEREO-104, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Power supply issue	Check power and ground connections. Verify the fuse in the vehicle's fuse box and on the stereo's wiring harness. Ensure the vehicle's battery has sufficient charge.
No sound output	Speaker wires disconnected; Volume too low; Mute activated; Incorrect audio source	Check all speaker wire connections. Increase volume. Deactivate mute function. Select the correct audio source (e.g., FM, Bluetooth, CarPlay).
Bluetooth/CarPlay/Android Auto connection issues	Phone not paired; Bluetooth/Wi-Fi off; Interference; Software glitch	Ensure Bluetooth/Wi-Fi is on for both devices. Re-pair the phone. Restart both the phone and the car stereo. Clear Bluetooth cache on phone.
Backup camera not displaying	Camera not wired correctly; Trigger wire issue; Faulty camera	Verify camera wiring, especially the CAMIN input and the reverse trigger wire connection. Test the camera with an alternative power source if possible.
Touchscreen unresponsive or inaccurate	Screen calibration needed; Software issue; Physical damage	Try restarting the unit. Check for any protective films or debris on the screen. If available, perform a screen calibration from the settings menu.

If the problem persists after attempting these solutions, please contact VECHTEL customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	VECHTEL-CARSTEREO-104
Screen Size	10.4 inches
Screen Type	2.5D HD Touch Screen
Resolution	800*1280
Connectivity Technology	Bluetooth, USB
Controller Type	Touch
Special Features	Wireless Carplay, Android Auto, Mirror Link, FM Radio, Subwoofer Output, SWC, Backup Camera Input
Compatible Devices	Smartphone
Audio Output Mode	MP3/WMA/WAV/APE/FLAC
Surround Sound Channel Configuration	4.1
Video Encoding	MKV/AVI/TS/TP/MP4/M4V
Item Weight	1.76 pounds
Package Dimensions	11.18 x 8.31 x 7.01 inches

WARRANTY INFORMATION

For warranty details, please refer to the specific terms and conditions provided with your purchase documentation or contact VECHTEL customer support. Warranty coverage typically includes manufacturing defects for a specified period from the date of purchase.

SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact VECHTEL customer support. You can typically find support contact information on the product packaging, the seller's page, or the official VECHTEL website.



Image: Guide to accessing 24/7 technical support for VECHTEL products through the online marketplace.