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- › [hizpo](#) /
- › [Hizpo 7 Inch Touch Screen Car Stereo User Manual \(Model VVVA509\)](#)

hizpo VVVA509

Hizpo 7 Inch Touch Screen Car Stereo User Manual

Model: VVVA509

Brand: Hizpo

1. PRODUCT OVERVIEW

The Hizpo VVVA509 is a 7-inch touch screen car stereo system designed for various vehicle models, including Jeep Wrangler, Chrysler, Chevrolet Epica, and Dodge Ram. It operates on Android 12 and features compatibility with Apple CarPlay and Android Auto, steering wheel control (SWC), Bluetooth connectivity, DVR support, and includes a backup camera.

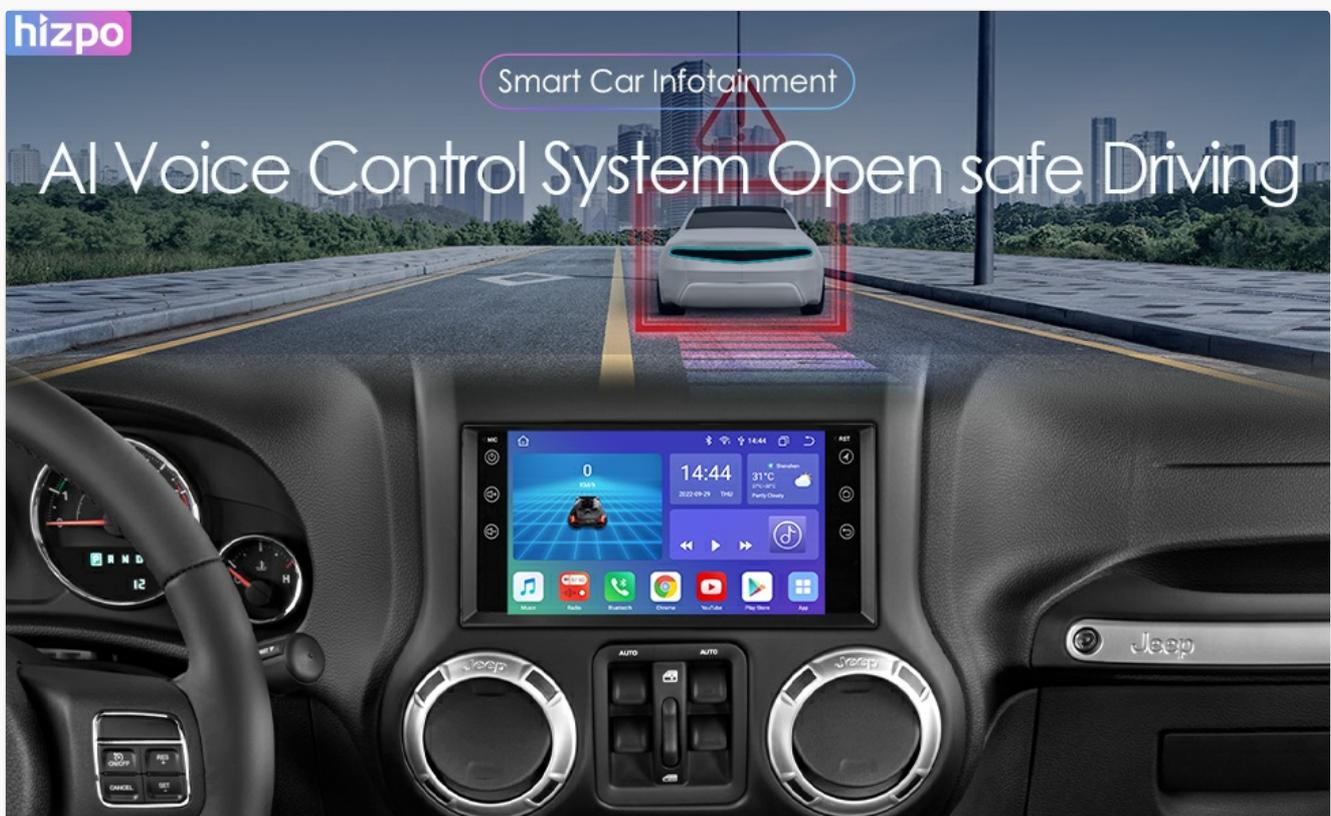


Image 1.1: Hizpo Car Stereo main interface in a vehicle dashboard.

2. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended that installation be performed by a qualified professional. Ensure the vehicle's power is disconnected before beginning the installation process.

2.1 Wiring Connections

- **Power Wiring:** Connect the yellow wire to the constant 12V power supply, the red wire to the accessory (ACC) 12V power supply, and the black wire to the ground.
- **Speaker Wiring:** Connect the speaker wires according to the vehicle's wiring diagram, ensuring correct polarity for each speaker.
- **Backup Camera:** Connect the camera's video output to the 'CAM IN' port on the stereo. Connect the camera's power to the vehicle's reverse light circuit.
- **GPS Antenna:** Connect the GPS antenna to the dedicated GPS port on the back of the unit and mount it in a location with a clear view of the sky.
- **USB Ports:** Connect external USB devices to the provided USB ports.



Image 2.1: Rear USB connection ports.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press and hold the power button to turn the unit on or off. A short press typically mutes or unmutes the audio.
- **Volume Control:** Adjust the volume using the on-screen controls or the steering wheel controls (if configured).
- **Touch Screen Navigation:** Tap icons to open applications, swipe to navigate between screens, and use pinch-to-zoom gestures where applicable.

3.2 Connectivity Features

- **Bluetooth:** Pair your mobile device via Bluetooth for hands-free calling and audio streaming. Access the Bluetooth settings from the main menu.
- **Wi-Fi:** Connect to a Wi-Fi hotspot to access online features, download apps, and receive software updates.
- **Apple CarPlay / Android Auto:** Connect your smartphone via USB or wirelessly (if supported by your phone and the unit) to use CarPlay or Android Auto for navigation, music, and messaging.



Image 3.1: Apple CarPlay and Android Auto connectivity.



Image 3.2: Bluetooth 5.0 and wireless connectivity.

3.3 Advanced Features

- **AI Voice Control:** Activate the AI voice assistant to control functions like music playback, navigation, and calls using voice commands.
- **Digital Sound Processor (DSP):** Adjust audio settings, equalizer, and sound field to customize your listening experience.
- **Cooling Fan:** The integrated cooling fan automatically adjusts its speed based on ambient temperature to maintain optimal operating conditions.
- **Steering Wheel Control (SWC):** Program the unit to respond to your vehicle's steering wheel buttons for safe and convenient control of media and calls.
- **Picture-in-Picture (PIP):** View video content in a resizable window while using other applications simultaneously.
- **Rear View System:** When a backup camera is correctly installed and the vehicle is in reverse gear, the display automatically switches to the camera view.
- **Weather Display:** Access real-time weather updates directly on the stereo screen.
- **Navigation:** Utilize built-in or downloaded navigation applications for turn-by-turn directions.
- **Split Screen:** Run two applications side-by-side on the screen for enhanced multitasking.
- **RGB Lighting:** Customize the color of the unit's button backlighting to match your vehicle's interior.



Image 3.3: AI Voice Control system.



Image 3.4: Steering Wheel Control configuration.



Image 3.5: Picture-in-Picture (PIP) functionality.



Image 3.6: Rear View System display.



Image 3.7: Weather Display feature.



Image 3.8: Navigation system features.



Image 3.9: Split Screen multitasking.



Image 3.10: RGB Lighting customization options.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure optimal performance and access to new features.
- **Temperature Management:** The built-in cooling fan helps manage the unit's temperature. Ensure proper ventilation around the unit.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, insufficient power supply.	Check power connections (yellow, red, black wires). Inspect the fuse on the power cable. Ensure the vehicle's battery has sufficient charge.
Poor radio reception.	Antenna not connected, damaged antenna, weak signal area.	Ensure the radio antenna is securely connected. Check the antenna for damage. Try scanning for stations in a different location.
Backup camera not displaying.	Incorrect camera wiring, camera power issue, faulty camera.	Verify the camera's video input and power connections. Ensure the camera is receiving power when the vehicle is in reverse.
Touch screen unresponsive.	Software glitch, screen calibration issue.	Restart the unit. If the issue persists, perform a factory reset (refer to system settings).
Bluetooth not connecting.	Device not in pairing mode, incorrect pairing process, interference.	Ensure your phone's Bluetooth is on and discoverable. Delete previous pairings on both devices and try pairing again.

6. SPECIFICATIONS



Minimal heating and highest performance

The specific CPU model please refer to the products configuration table.

Image 6.1: Internal processor and performance overview.



Built-in DSP BD37534FV

We use BD37534FV DSP IC in different configurations products. The specific difference please refer to the product configurations table.

Cooling Fan free included

The system adjusts the speed of the cooling fan according to the ambient temperature, which can be steplessly adjusted to stabilize the temperature of the machine when it is running below $-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Image 6.2: Built-in DSP and Cooling Fan.

- **Model Number:** VVVA509
- **Screen Size:** 7 Inches
- **Display Resolution:** 1024 x 600 (Scanner Resolution), 1920 x 1080 (Display Resolution)
- **Operating System:** Android 12
- **RAM:** 2 GB

- **Memory Storage Capacity:** 16 GB
- **Connectivity:** Bluetooth 5.0, Wi-Fi (2.4G/5G), Cellular
- **Special Features:** Touchscreen, Bluetooth, Apple CarPlay, Android Auto, AI Voice Control, Built-in DSP (BD37534FV), Cooling Fan, Steering Wheel Control, Picture-in-Picture, Rear View System, Weather Display, Navigation (North America, Satellite Map Type)
- **Human Interface Input:** Buttons, Touchscreen
- **USB Compatibility:** Up to 2TB external memory
- **Item Weight:** 2.81 pounds
- **Package Dimensions:** 11.57 x 7.28 x 3.9 inches

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact Hizpo customer support directly. Keep your proof of purchase for warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact Hizpo customer support through their official website or the contact information provided with your product.

Manufacturer: Haitu TECH

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