ZWNAV 8+128GB

ZWNAV 14.4" Android Car Radio User Manual

Model: 8+128GB | Brand: ZWNAV

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ZWNAV 14.4-inch Android Car Radio. This multimedia player features a touchscreen, GPS navigation, Bluetooth, and wireless CarPlay/Android Auto capabilities, designed to enhance your driving experience.

2. VEHICLE COMPATIBILITY

This car stereo head unit is specifically designed for the following vehicle models:

- Chevrolet Silverado 2014-2019
- GMC 2014-2019
- *Note: Some 2019 models are compatible. If unsure, contact support with a picture of your car's central control.*

Figure 2.1: ZWNAV unit installed in a compatible vehicle dashboard.

3. SETUP AND INSTALLATION

3.1 Package Contents

Before beginning installation, verify that all components are present in the package:

- Main Unit (14.4-inch display)
- 4G+WiFi Antenna
- Manual AC Frame
- GPS Cable
- CANBUS Decoder
- Power Cable
- SIM Card Cable

- AV Cable
- External Microphone
- Buzzer
- USB Cable
- Mounting Bracket

Figure 3.1: Included components for the ZWNAV car radio installation.

3.2 Installation Overview

The ZWNAV car radio is designed for a seamless integration into your vehicle's dashboard. Professional installation is recommended. The following image illustrates the visual difference before and after installation.

Figure 3.2: Visual comparison of the dashboard before and after the 14.4-inch display installation.

For detailed wiring diagrams and specific vehicle panel removal instructions, please refer to the supplementary installation guide provided with your unit or contact ZWNAV technical support.

4. OPERATING INSTRUCTIONS

4.1 System Overview

The ZWNAV car radio operates on an Android 13.0 system, providing a familiar and intuitive user interface. The 14.4-inch 1920*1080 IPS touchscreen offers a full HD 1080P experience.

Figure 4.1: Main user interface of the ZWNAV car radio.

Figure 4.2: Introduction to interface functions and controls.

4.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly or via a wired connection to access CarPlay or Android Auto functionalities. This allows for seamless integration of phone features such as navigation, music, calls, and messages directly on the car stereo display.

- **Wireless Connection:** For wireless CarPlay/Android Auto, ensure your phone's Bluetooth and Wi-Fi are enabled. Follow the on-screen prompts to pair your device.
- **Wired Connection:** Use a compatible USB cable to connect your phone to the USB port on the car stereo.
- Once connected, tap the "Car Link" icon on the stereo's home screen to launch CarPlay or Android Auto.
- Supports Siri (CarPlay) and Google Assistant (Android Auto) for voice commands.

Figure 4.3: CarPlay and Android Auto interface on the ZWNAV display.

4.3 GPS Navigation

The unit comes with built-in GPS navigation. You can use pre-installed map applications or download your preferred navigation apps from the Google Play Store. The system supports North America map types.

Figure 4.4: GPS Navigation feature.

4.4 Bluetooth Connectivity

The unit features Dual Bluetooth for hands-free calling and audio streaming. Pair your phone to make and receive calls directly from the car stereo, and stream music from your device.

Figure 4.5: Bluetooth 5.0 connectivity.

4.5 Radio (AM/FM RDS)

Access your favorite AM/FM radio stations. The RDS (Radio Data System) feature provides additional information such as station name and song title where available.

Figure 4.6: Radio function.

4.6 Split Screen Functionality

The split-screen feature allows you to run two applications simultaneously on the 14.4-inch display. For example, you can have navigation open on one side and music playback on the other.
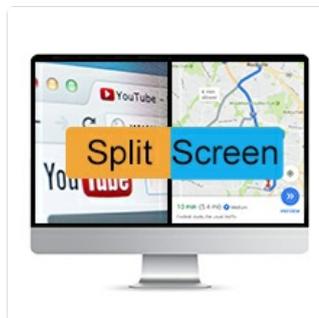

Figure 4.7: Split Screen feature.

4.7 Steering Wheel Control

The unit supports steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. This enhances safety and convenience.
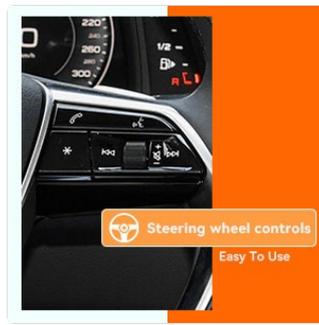
Figure 4.8: Steering Wheel Controls.

4.8 Rear View Camera Support

The system supports a rear view camera input, automatically displaying the camera feed when the vehicle is in reverse. This aids in parking and maneuvering.

Figure 4.9: Reversing camera support.

4.9 Other Features

- **Voice Control:** Utilize voice commands for various functions, allowing you to focus on driving.
- **4G LTE Network:** Supports 4G connectivity for online features and app downloads (SIM card required).
- **Digital Signal Processing (DSP):** Enhances audio output for a high-quality sound experience.
- **Google Play Store:** Download thousands of applications to customize your car stereo experience.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the touchscreen and surrounding surfaces. Avoid abrasive cleaners, solvents, or aerosol sprays, which can damage the display or finish.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Power Cycling:** If the unit becomes unresponsive, try turning off your vehicle's ignition and restarting it after a few minutes.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ZWNAV car radio. If you experience problems not listed here, please contact technical support.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection; Blown fuse; Vehicle battery issue.	Check power cables and connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Volume too low; Mute activated; Speaker wiring issue; Incorrect audio source.	Increase volume. Check if mute is active. Verify speaker connections. Select correct audio input.
GPS signal lost or inaccurate.	Poor satellite reception; GPS antenna not properly connected.	Move to an open area. Ensure GPS antenna is securely connected and positioned correctly.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone; Incorrect cable; Software glitch.	Ensure phone's Bluetooth/Wi-Fi is on. Use a certified USB cable. Restart both phone and car stereo.
Touchscreen unresponsive.	System freeze; Dirt on screen.	Restart the unit. Clean the screen with a soft cloth.

7. SPECIFICATIONS

Feature	Detail
Model Number	8+128GB
Operating System	Android 13.0
Processor	Octa Core
RAM	8GB
Internal Storage (ROM)	128GB
Display Size	14.4 inches
Display Resolution	1920*1080 IPS
Connectivity	USB, WiFi, Bluetooth 5.0, 4G LTE
Navigation	GPS, North America Map Type
Audio Output Mode	Stereo
Special Features	Touchscreen, Wireless CarPlay, Wireless Android Auto, AM/FM RDS Radio, Split Screen, Steering Wheel Control, Rear View Camera Support, Voice Command, DSP

Feature	Detail
Mounting Type	Dashboard Mount
Manufacturer	ZWNAV
Country of Origin	China

8. WARRANTY INFORMATION

The ZWNAV 14.4" Android Car Radio comes with a **2-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. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

9. TECHNICAL SUPPORT

For technical assistance, installation queries, or any other support needs, please contact ZWNAVGPS Offical Store directly:

- **Email:** zwnavgps@hotmail.com
- **WhatsApp:** +86 15778786860
- **Amazon Seller Page:** Click "ZWNAVGPS Offical Store" then "ask a question" on the product page.

When contacting support, please provide your product model number (8+128GB) and a detailed description of the issue.

Related Documents - 8+128GB

[Soundstream Reserve V2 Owner's Manual for Harley-Davidson Touring Motorcycles](#)
Comprehensive owner's manual for the Soundstream Reserve V2 head unit, designed for 2014+ Harley-Davidson Touring Motorcycles. Features include iGo GPS navigation, wireless Apple CarPlay, Android Auto, iDataLink Maestro compatibility, SiriusXM Ready, and an 8.3-inch touchscreen.

	[idMEDIA 8" Android Car Radio User Manual](#) Comprehensive user manual for the idMEDIA 8" Android car radio, covering installation, main functions like navigation, Bluetooth, DAB+, Zlink, and system settings. Optimize your in-car entertainment and connectivity.
	[Roadanvi Car Stereo Wiring Connection Guide for Toyota Camry 2012-2014](#) Detailed wiring connection tips for installing a Roadanvi car stereo in Toyota Camry models (2012-2014). Covers power, speaker, AUX, camera, radio, and USB cables, with troubleshooting advice for camera functionality.
	[idMEDIA 8" Android Car Radio User Manual](#) Comprehensive user manual for the idMEDIA 8" Android Car Radio, covering setup, functions, Bluetooth, navigation, media playback, DAB+, Zlink, and system settings.
	[How to Change Chevrolet Cruze Car Stereo Language from Chinese to English](#) Step-by-step guide to changing the dashboard language on an AINAVITO car stereo for Chevrolet Cruze (2009-2015) from Chinese to English.
	[idMEDIA 8" Android Car Radio User Manual](#) Comprehensive user manual for the idMEDIA 8" Android car radio, covering essential functions like navigation, Bluetooth connectivity, media playback, DSP sound settings, DAB+ radio, and Zlink integration for Android Auto and Apple CarPlay. Includes detailed instructions for device pairing, call management, system configuration, and map updates.