ZHNN B0DBZHW9V8

ZHNN Android 13 Car Radio Stereo User Manual

Compatible with Subaru Forester, WRX, Impreza (2013-2015)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ZHNN Android 13 Car Radio Stereo. This head unit is designed for specific Subaru models, including the Forester, WRX, and Impreza from 2013 to 2015. It features an Android 13 operating system, 2GB RAM, 64GB ROM, a 9-inch 1280x720 high-resolution display, and integrated functionalities such as wireless CarPlay, Android Auto, GPS navigation, Wi-Fi, Bluetooth, Mirrorlink, and support for a backup camera.



Image: ZHNN Android 13 Car Radio Stereo installed in a Subaru dashboard, illustrating compatibility and the appearance after installation.

2. Package Contents

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

Package List



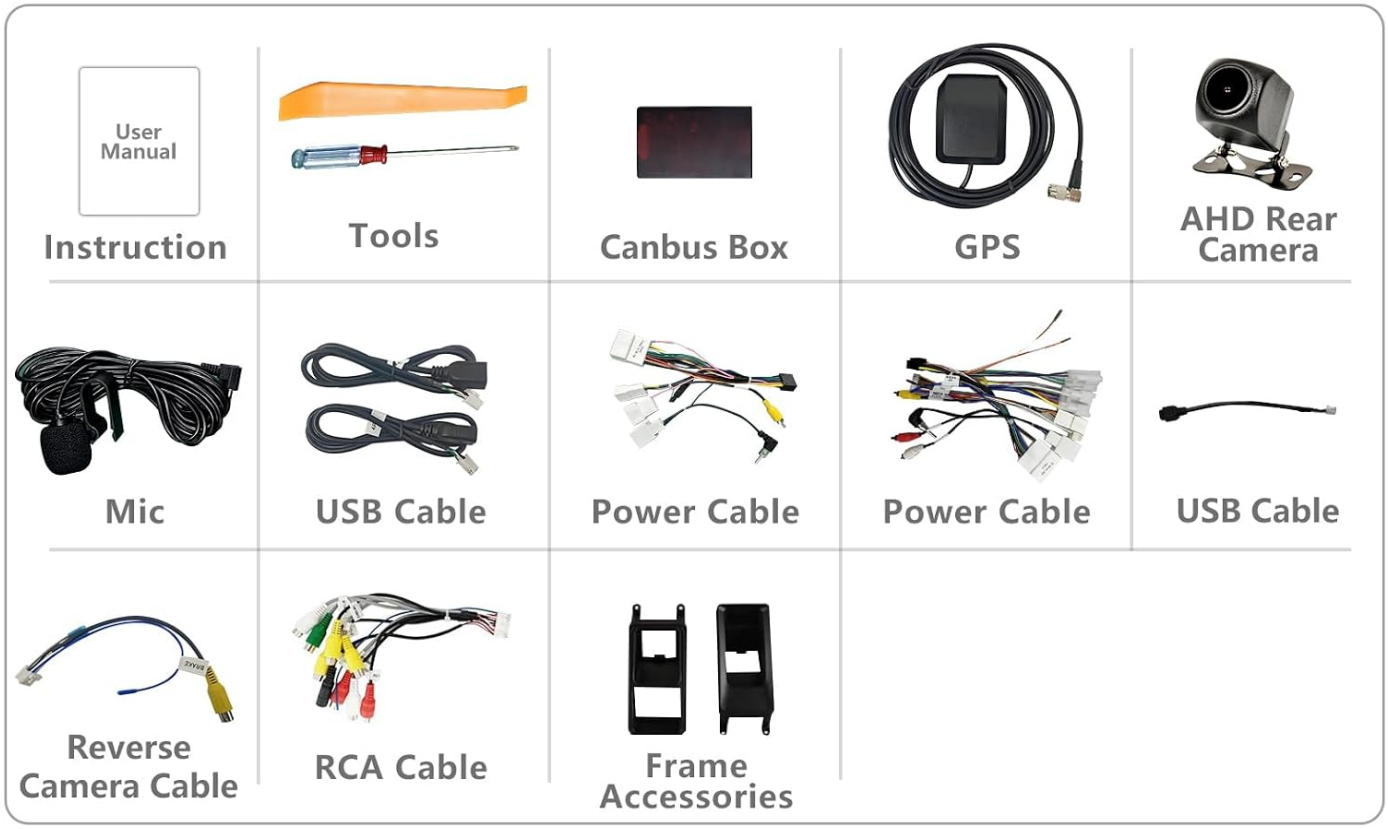


Image: Visual representation of the complete package contents, including the head unit, various cables, GPS antenna, AHD rear camera, and installation tools.

- Android 13 Car Radio Stereo Head Unit (9-inch display)
- User Manual
- Installation Tools
- Canbus Box (if applicable for your vehicle model)
- GPS Antenna
- AHD Rear Camera
- Microphone
- USB Cables (multiple)
- Power Cables (multiple, for different vehicle configurations)
- Reverse Camera Cable
- RCA Cables
- Frame Accessories

3. Setup and Installation

Professional installation is recommended to ensure correct wiring and prevent short circuits. This unit is designed to integrate with your

vehicle's existing wiring. Please note that this car radio replacement does NOT support OEM cameras. You must use the included backup camera.

3.1 Wiring Connections

Identify the correct wiring harness for your Subaru model. The package includes harnesses for both base models (without Canbus) and high-end models (with Canbus).

Image: Close-up of the wiring harness, showing the blue AMP wire. This wire must be connected to the RCA cable's AMP wire for proper sound output if your car has an external amplifier. If no factory amplifier is present, this connection is not required.

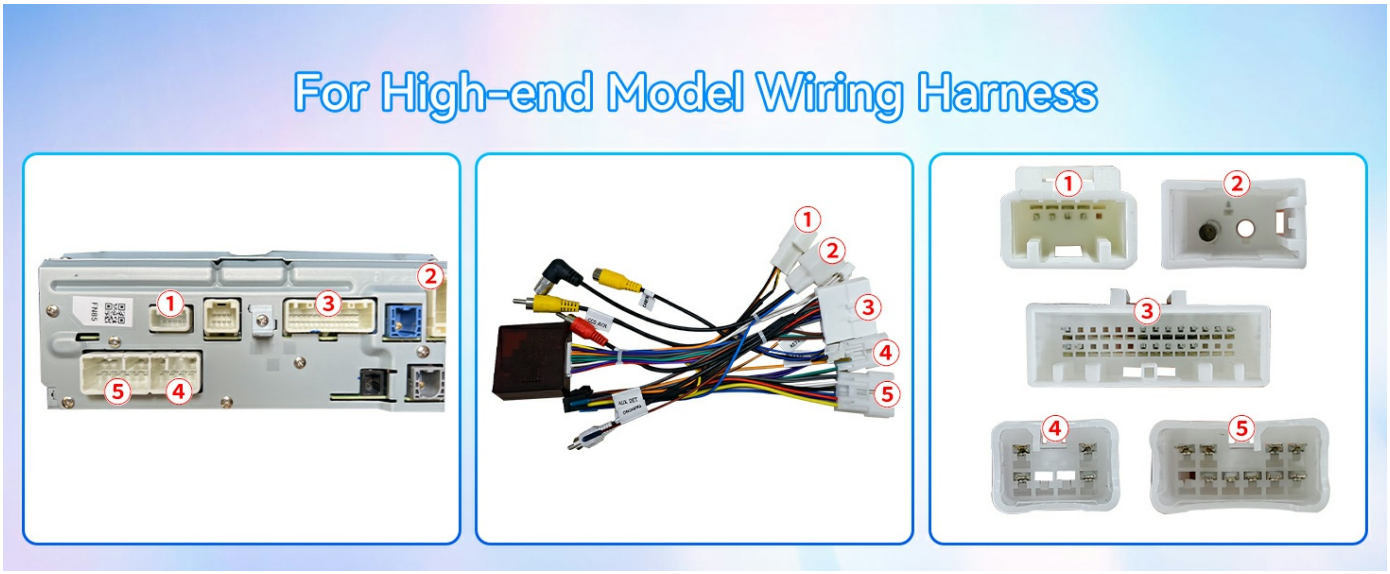


Image: Wiring diagrams for base model (without Canbus) and high-end model (with Canbus), indicating connections for USB, RCA, reverse camera input, power cable, and GPS antenna.

3.2 Backup Camera Installation

The included AHD rear camera provides 720P resolution and automatically displays the reversing image when the vehicle is in reverse. Connect the camera according to the provided diagram.

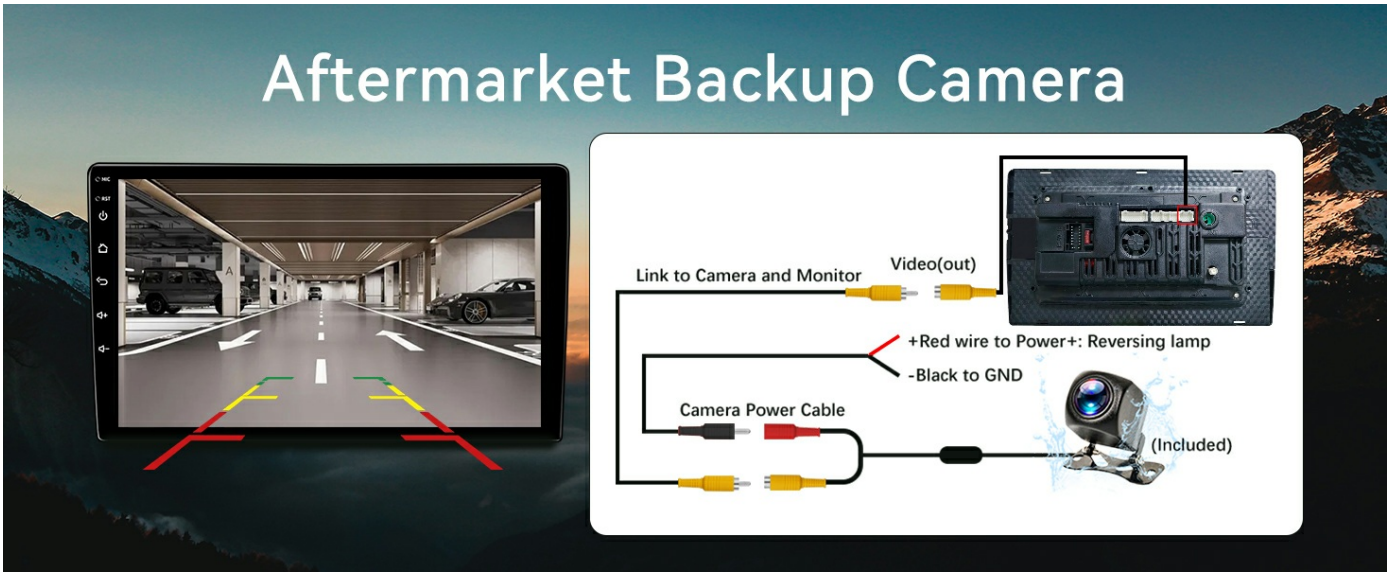


Image: Connection diagram for the aftermarket backup camera, showing how to link to the camera and monitor, and connect power to the reversing lamp.

3.3 Steering Wheel Control (SWC) Setup

The head unit supports original car steering wheel controls. You may need to configure these settings after installation.

Video: Demonstrates how to switch the Steering Wheel Control Type in the car stereo settings.

Video: Guide on how to learn and configure the steering wheel controls for the car stereo.

Video: Detailed instructions on learning steering wheel controls, including short and long press functions.

4. Operating Instructions

4.1 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, music, messages, and calls directly from the head unit's display. Use voice control for safe operation while driving.



Image: The car stereo display showcasing the intuitive CarPlay interface.

Video: Demonstrates how to switch between the CarPlay function and other applications on the car stereo.

4.2 GPS Navigation & Wi-Fi

The built-in GPS module and external antenna support both online and offline navigation. Connect to Wi-Fi or a hotspot to download online navigation apps and other media applications from the Play Store. The split-screen function allows simultaneous viewing of two apps, such as navigation and music.



Image: GPS navigation interface with Wi-Fi connection enabled.

4.3 FM Radio

Utilize the built-in FM radio to access local radio programs, news, and weather updates.



Image: FM Radio interface on the car stereo.

4.4 Bluetooth Connectivity

Pair your phone via Bluetooth for hands-free calling and audio streaming. The head unit allows you to answer calls, make calls, and play music directly.



Image: Bluetooth interface for phone calls and music playback.

4.5 Mirrorlink Functionality

Mirror your smartphone's screen directly onto the head unit's display for enhanced content viewing.



Image: Mirrorlink feature displaying a smartphone screen on the car stereo.

5. Specifications

Feature	Detail
Operating System	Android 13
RAM	2GB
ROM	64GB
Display Size	9 Inches
Display Resolution	1280x720
Connectivity	Bluetooth, USB, Wi-Fi
Special Features	Wireless CarPlay & Android Auto, Mirrorlink, GPS Navigation, Wi-Fi, Rear Camera Support
Map Type	North America
Included Components	Backup Camera
Mounting Type	Dashboard Mount
Item Weight	4.22 pounds
Package Dimensions	15.08 x 12.87 x 5.75 inches

6. Troubleshooting

If you encounter issues with your ZHNN Android 13 Car Radio Stereo, refer to the following common solutions:

- **Steering Wheel Controls Not Functioning:** Ensure all wiring harnesses are correctly connected. Access the 'Car Settings' menu, then 'Factory Settings' (password: 000000), and navigate to 'SWC Type'. Select 'Learning Type' and follow the on-screen prompts to bind each steering wheel button. If issues persist, try adjusting the SWC control button values (SWC1, SWC2, SWC3) and re-learn.
- **No Sound Output:** Verify that the blue 'AMP' wire from the power harness is correctly connected to the RCA cable's AMP wire,

especially if your vehicle has a factory external amplifier. Check all speaker connections.

- **Backup Camera Not Displaying:** Confirm the aftermarket backup camera is properly wired, including power and video signals. Ensure the reverse camera cable is securely connected to the head unit.
- **Poor Sound Quality:** Access the DSP (Digital Sound Processor) or EQ (Equalizer) settings within the head unit. Adjust the equalizer bands to optimize sound output for your vehicle's speakers. Factory presets may not be ideal for all setups.
- **Connectivity Issues (Bluetooth/Wi-Fi):** Ensure Bluetooth is enabled on both the head unit and your smartphone. For Wi-Fi, verify the hotspot connection is active and within range.

Video: Instructions on how to copy a log file, which may be requested by technical support for advanced troubleshooting.

7. Maintenance

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Temperature Management:** The unit includes a fan for temperature regulation. Ensure the fan settings are appropriate (e.g., 'Always on' or 'Start according to CPU temperature') to prevent overheating, especially during prolonged use or in hot climates.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official ZHNN store on Amazon. Keep your purchase receipt as proof of purchase for warranty claims.

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