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> Roinvou 2+32G Android Car Stereo User Manual for Volkswagen VW Beetle 2004-2010

Roinvou 2+32G Android Car Stereo

Roinvou 2+32G Android Car Stereo User Manual

For Volkswagen VW Beetle 2004-2010 Models

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 2+32G Android Car Stereo. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your user experience. This unit is designed for Volkswagen VW Beetle models manufactured between 2004 and 2010.



Image 1.1: Roinvou Android Car Stereo integrated into a Volkswagen Beetle dashboard, showcasing its modern interface.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any components are missing or damaged, please contact customer support.

- Roinvou Android Car Stereo Unit (9-inch touchscreen)
- Power Cable
- Radio Antenna Adaptor Cable
- Antenna Head
- RCA Harness
- GPS Antenna
- AHD Backup Camera

- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool & Accessories

How to Connect the Backup Camera



Image 2.1: Visual representation of the Roinvou car stereo unit and all accompanying cables and accessories.

3. INSTALLATION GUIDE

3.1 Pre-Installation Checks

- Ensure your vehicle is a Volkswagen VW Beetle model year 2004-2010.
- Disconnect the vehicle's battery before beginning installation to prevent electrical damage.
- Verify the power cable port on the stereo matches your original car's wiring.

3.2 Physical Installation

Installation of this unit requires modification of the existing dashboard. Professional installation is recommended if you are not familiar with car audio system installations.

1. Carefully remove the original car stereo and dashboard trim.
2. **Important Note:** Remove the air conditioning knob and air conditioning outlet from the original dash. These components will be reinstalled into the new radio frame.
3. **Dash Modification:** The entire air conditioning knob housing needs to be cut from the car's original structure to accommodate the new radio frame. This is a permanent modification.
4. Install the air conditioning knob and outlets into the new radio frame.
5. Connect the wiring harness to the new stereo unit and the vehicle's wiring.
6. Secure the new stereo unit and frame into the dashboard opening. Ensure it is firmly seated. *Note: Some users have reported that the included screws may be too shallow. If the unit is not secure, consider using longer screws if necessary.*

Package List

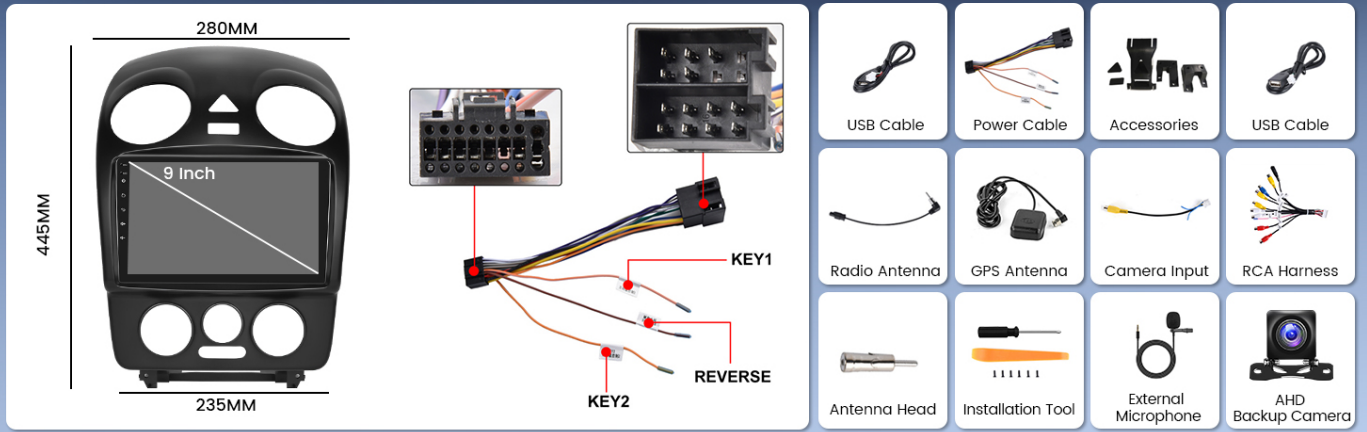


Image 3.1: Step-by-step visual guide for removing AC components and modifying the dashboard for the new stereo frame.



Image 3.2: Comparison of the dashboard before and after the Roinvou Android Car Stereo installation.

3.3 Wiring Considerations

- **Battery Discharge Issue:** If the car battery discharges when the car is stopped and powered off, connect the yellow B+ cable of the power cord to the red ACC cable. This ensures the unit powers off completely with the ignition.

3.4 Connecting the Backup Camera

The included AHD backup camera enhances safety by providing a clear view when reversing.

1. Connect the camera's video output to the 'Video(out)' port on the stereo's rear.
2. Connect the camera's red power wire to the reversing lamp's positive (+) terminal.
3. Connect the camera's black ground wire to a suitable ground (GND) point.
4. Ensure the reverse input cable is plugged into the stereo, even if the reverse camera is not being used, as this can affect Bluetooth and Wi-Fi signal reception.

PLEASE NOTE

1.Remove the air conditioning knob and air conditioning outlet and install them in the new radio frame.



2.The entire air conditioning knob needs to be cut from the car so that the new radio frame can be installed on the car.



Image 3.3: Detailed wiring diagram for the AHD backup camera connection.

3.5 Steering Wheel Control Setup

The unit supports steering wheel controls for convenient operation.

- **Without CANBUS Decoder:** Connect the Key1 and Key2 wires from the power cable to the corresponding steering wheel control wires in your original car. Then, access the 'SteeringWheelKey' manual match setting in the stereo to activate the buttons.
- **With CANBUS Decoder:** Connect the CANBUS decoder before powering on the machine. Navigate to Settings > Factory Setup (Password: 000000) > Can Settings. Select the brand and model/year of the CANBUS decoder to enable SWC functionality.

IF You Have Any Question, Contact US!

Mode 1

Step 1

Add to Cart

Buy Now

Ships from Amazon
Sold by Roinvou
Returns 30-day replacement
Support Product support included
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Step 2

About Seller

Hello,

♥ Welcome to Roinvou store ♥

Our Advantages:

- Professional Technical Team and Customer Service Team escort your shopping experience.
- If you encounter any difficulties in using the products of our store, you can contact our seller (Roinvou) through the Amazon platform or contact our customer service team by email: roinvouservices@163.com
- All messages will be replied within 24 hours, regardless of holidays.
- One Year Warranty, everything stands in the customer's point of view to provide the best...

See more

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Ask a question

Mode 2

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Image 3.4: Guide for connecting and configuring steering wheel controls.

4. BASIC OPERATION

4.1 Power On/Off

After successful installation, reconnect the car battery. The unit should power on with the vehicle's ignition. To manually power off or restart, use the designated power button on the unit or within the software interface.

4.2 Touchscreen Interface

The 9-inch touchscreen provides an intuitive interface for navigating the Android system. Tap, swipe, and pinch gestures

are supported for various functions.

4.3 System Settings

Access the 'Settings' menu to customize various aspects of the stereo, including display, sound, network, and vehicle-specific options.

5. KEY FEATURES & FUNCTIONS

5.1 Wireless/Wired CarPlay & Android Auto

Connect your smartphone for seamless integration of navigation, communication, and entertainment apps.

- **Wireless Connection:** Pair your phone via Bluetooth.
- **Wired Connection:** Use an original USB data cable.
- Access navigation, make calls, send/receive messages, and stream music.
- Activate Siri or Google Assistant for voice control.



Image 5.1: Instructions for connecting to Wireless/Wired CarPlay.



Image 5.2: Instructions for connecting to Wireless/Wired Android Auto.

5.2 Bluetooth Connectivity

The built-in Bluetooth module supports hands-free calling, phone book synchronization, and audio streaming.

- Pair your phone via Bluetooth settings on the stereo.
- Make and receive calls directly from the stereo screen.
- Play music from your phone through the car's speakers.

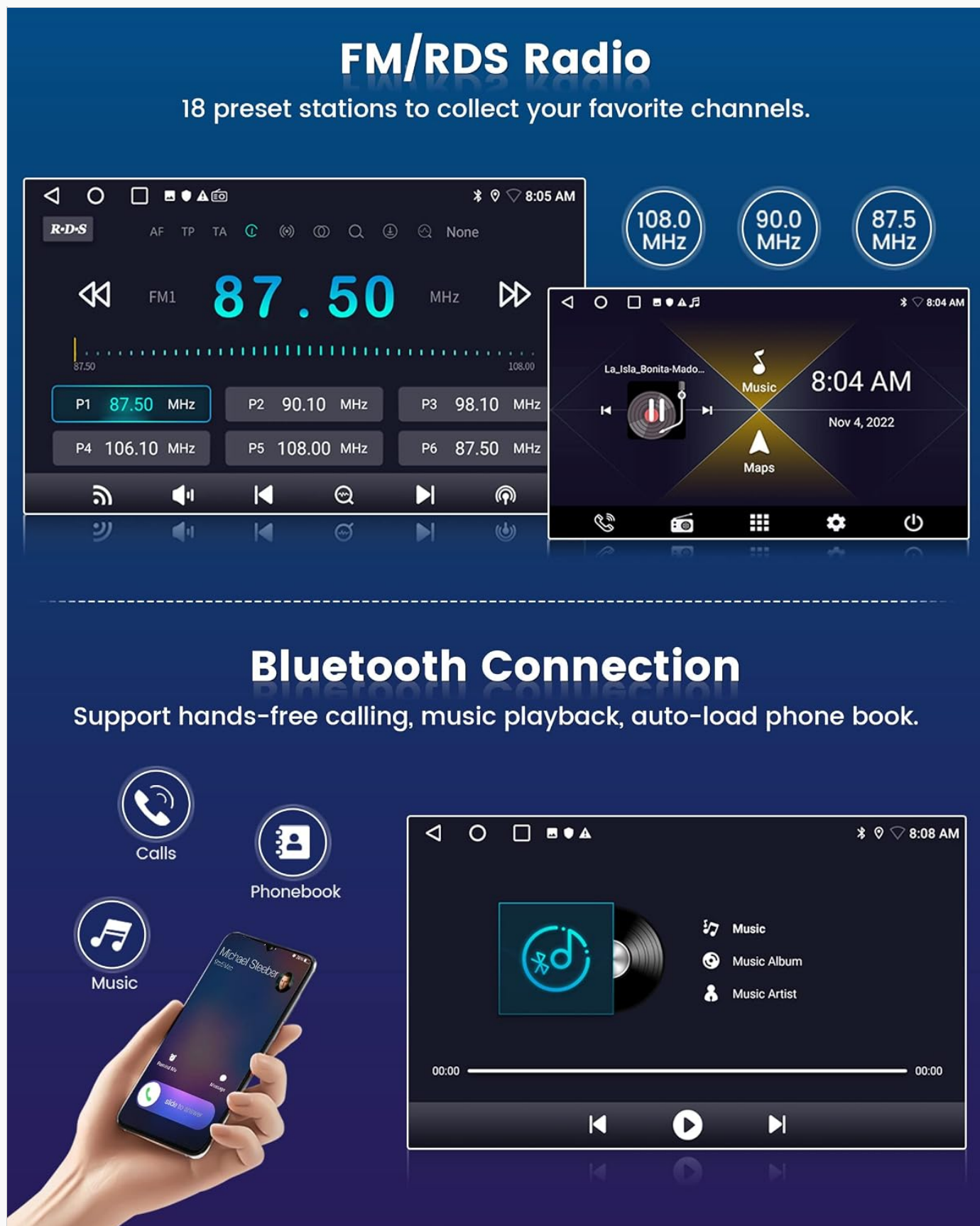


Image 5.3: Display of FM/RDS radio and Bluetooth music playback interfaces.

5.3 Mirror Link

Synchronize your smartphone screen to the stereo display.

- **Android:** Connect via Bluetooth and Hotspot/USB.
- **iOS:** Connect via Hotspot/USB.
- View multimedia content and apps from your phone on the larger stereo screen.



Image 5.4: Visual guide for setting up Mirror Link with different phone operating systems.

5.4 GPS Navigation

The unit supports both online and offline navigation.

- Preloaded with free offline navigation maps via the Here WeGo application.
- Compatible with Google Maps and other online navigation apps when connected to Wi-Fi.

WiFi or Hotspot

Support download and install various apps.



GPS Navigation

Use offline and online maps directly.

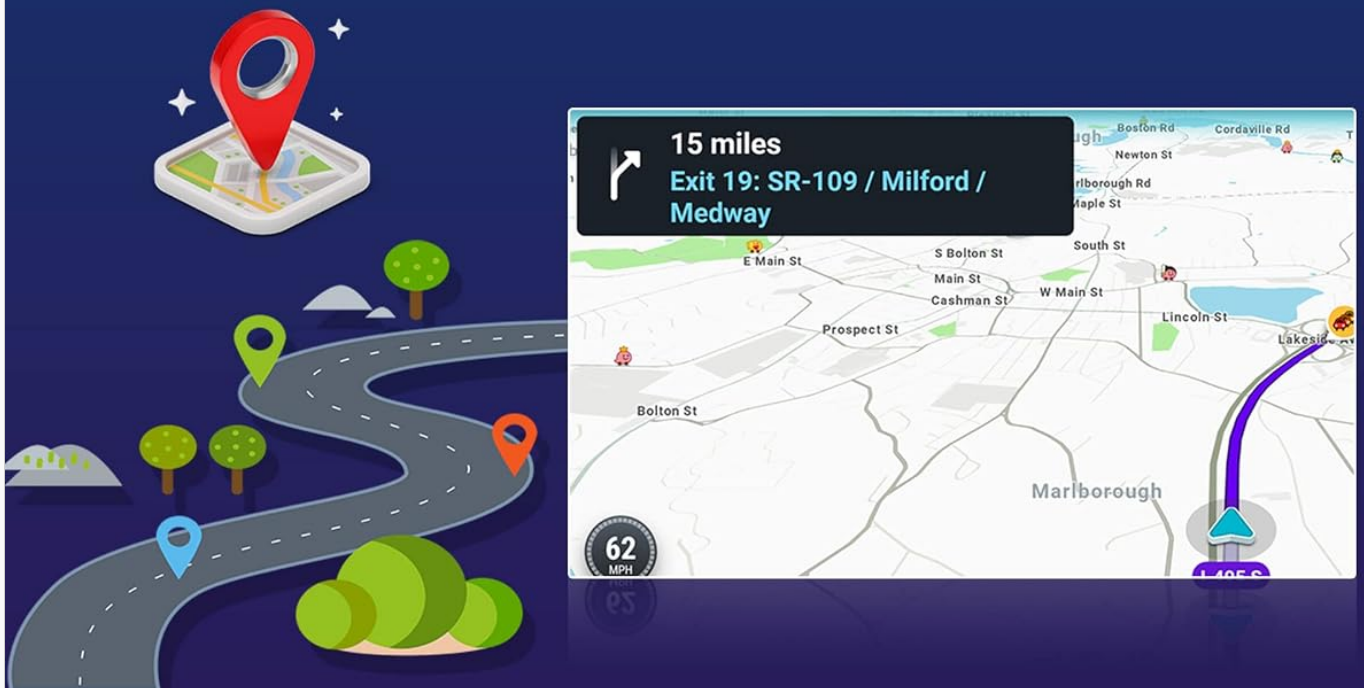


Image 5.5: Example of the GPS navigation interface in use.

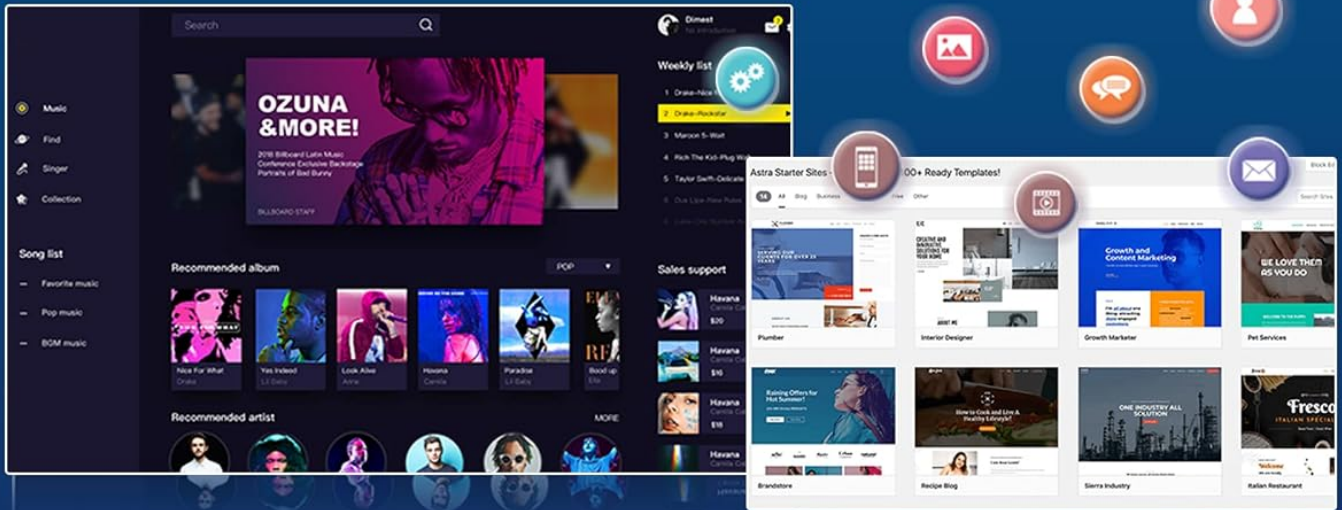
5.5 Wi-Fi & App Installation

Connect to Wi-Fi to download and install various applications from the app store.

- Access online content, streaming services, and additional navigation apps.

WiFi or Hotspot

Support download and install various apps.



GPS Navigation

Use offline and online maps directly.

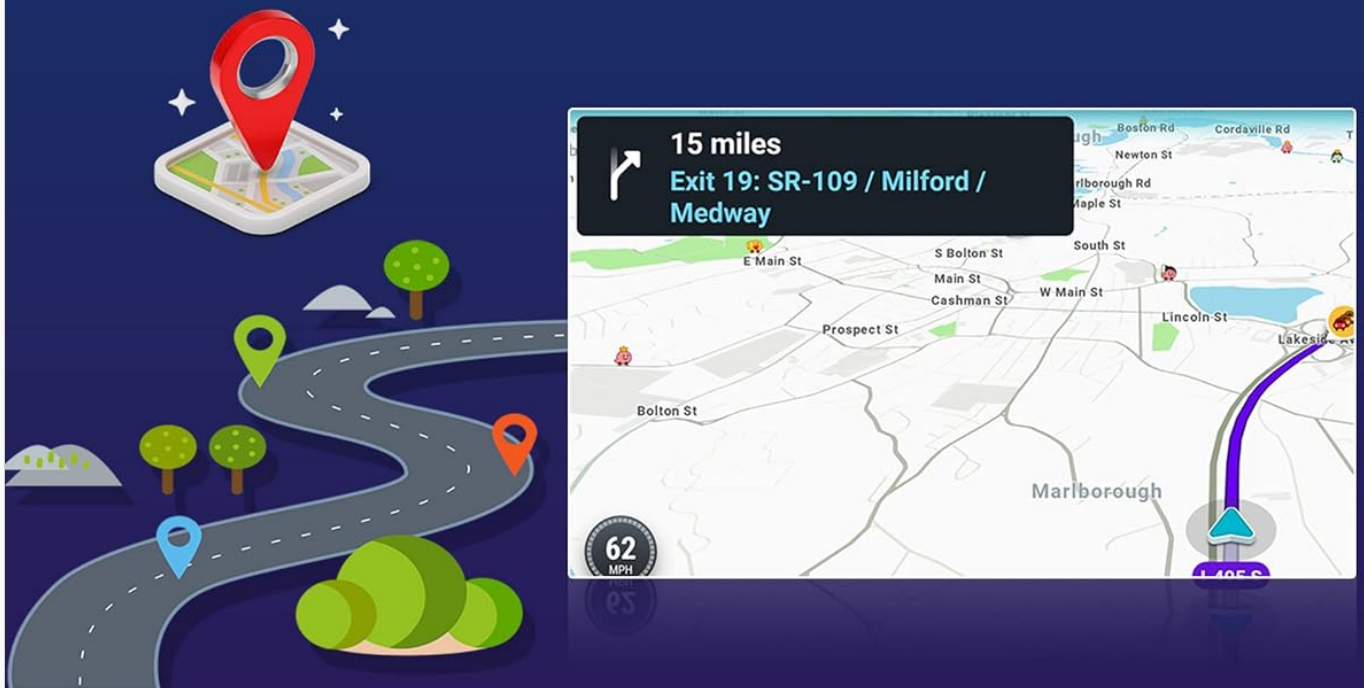


Image 5.6: Display of available apps and Wi-Fi connectivity options.

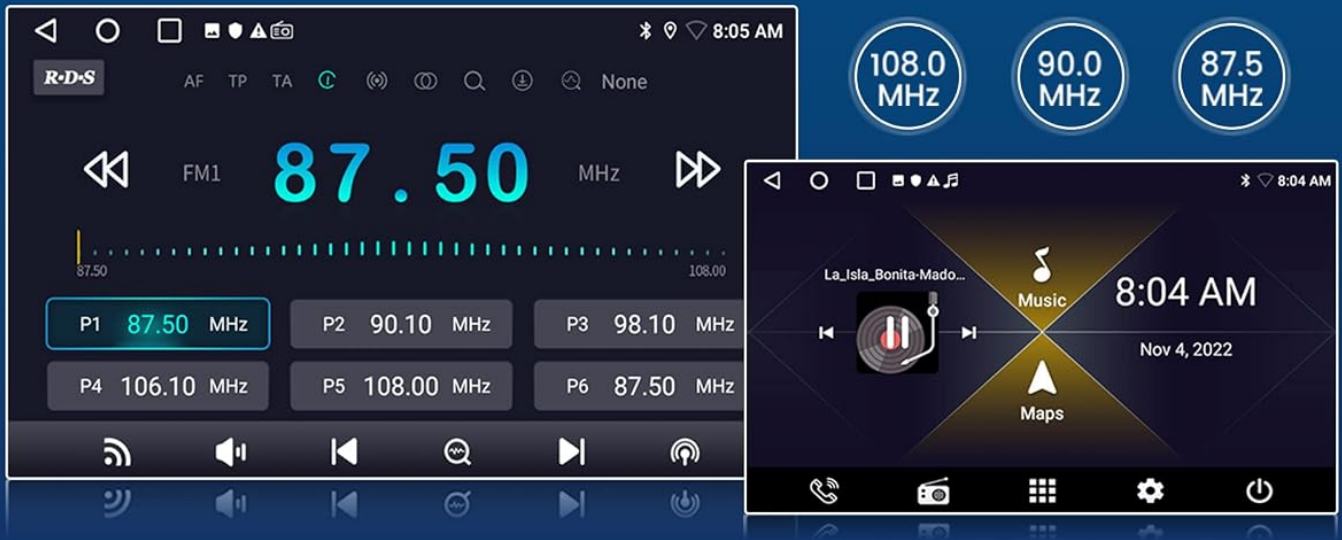
5.6 FM/RDS Radio

Enjoy local radio stations with clear reception.

- 18 preset stations available to save your favorite channels.
- RDS (Radio Data System) provides additional information like station name and song title.

FM/RDS Radio

18 preset stations to collect your favorite channels.



Bluetooth Connection

Support hands-free calling, music playback, auto-load phone book.

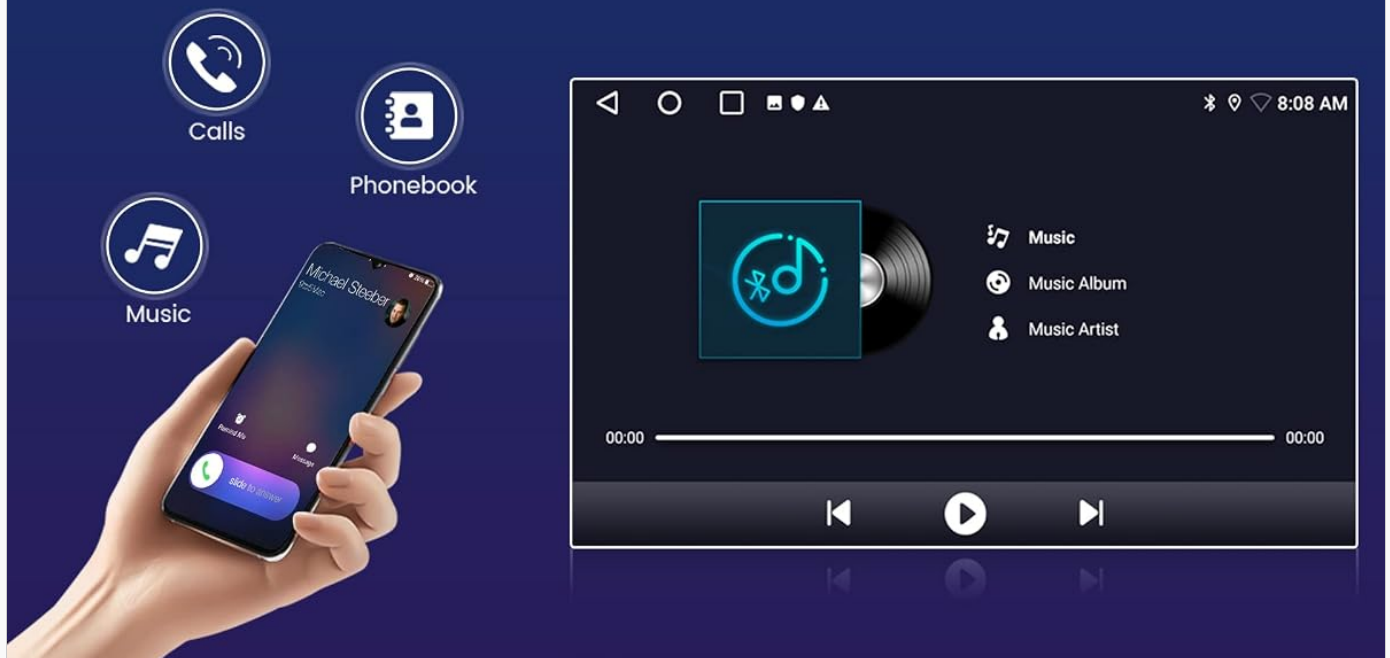


Image 5.7: FM/RDS radio interface showing station frequencies and presets.

5.7 DSP Sound

The built-in Digital Sound Processor (DSP) allows for precise audio adjustments.

- Achieve frequency control and improve overall sound quality.
- Customize sound effects with various EQ settings.



Image 5.8: DSP interface for sound customization.

5.8 Split Screen

Operate two applications simultaneously on the screen.

- For example, use navigation on one side and music playback on the other.



Image 5.9: Example of split-screen functionality.

5.9 UI Themes

Personalize your stereo's appearance with a variety of themes.

- Choose from 26 different UI themes to match your preference.



Image 5.10: Display of various UI theme options.

6. TROUBLESHOOTING

- **No Power:** Check all power connections, especially the yellow B+ and red ACC wires. Ensure the car battery is connected and charged.
- **Battery Discharge:** If the battery drains when the car is off, ensure the yellow B+ cable is correctly connected to the red ACC wire as described in Section 3.3.

- **CarPlay/Android Auto Connection Issues:** Try both wireless (Bluetooth) and wired (original USB cable) connections. Ensure your phone's operating system is up to date. Restart both the stereo and your phone.
- **No Sound:** Check speaker connections, volume levels, and DSP settings. Ensure the audio output mode is correctly configured.
- **Poor Wi-Fi/Bluetooth Signal:** Ensure the reverse input cable is properly connected, as it can affect signal reception (see Section 3.4). Check antenna connections.
- **Unit Freezes/Unresponsive:** Perform a soft reset by pressing the reset button (if available) or by disconnecting and reconnecting the car battery.
- **Overheating:** If the unit becomes excessively hot, ensure adequate ventilation around the stereo. Check for proper wiring and power supply. If the issue persists, contact customer support.
- **Installation Difficulties:** Refer to Section 3 for detailed installation steps and important notes regarding dash modification and component transfer. Online video tutorials specific to VW Beetle stereo installations may also be helpful.

7. SPECIFICATIONS

Feature	Specification
Model Name	Roinvou 2+32G Android Car Stereo
Compatible Vehicle	Volkswagen VW Beetle (2004-2010)
Screen Size	9 Inches (23 cm diagonal)
Memory (RAM)	2GB
Storage (ROM)	32GB
Operating System	Android
Special Features	Wireless/Wired CarPlay, Android Auto, Bluetooth, Touchscreen, FM RDS Radio, Mirror Link, GPS Navigation, DSP, Wi-Fi, Steering Wheel Control (SWC), 26 Desktop Themes, AHD Reverse Input
Connectivity	Bluetooth, USB, Wi-Fi
Map Type	Worldwide (Preloaded with Here WeGo)
Product Dimensions	11.02 x 11.22 x 17.52 inches
Item Weight	7.04 pounds

8. WARRANTY AND SUPPORT

Roinvou provides a one-year warranty for this product. In case of any issues or questions, please contact Roinvou customer support.

- **Returns/Replacements:** A 30-day refund/replacement policy is available through the retailer.
- **Contacting Support:**

- Via Amazon: Visit the Roinvou store page on Amazon and click 'Ask a question' to contact the seller.
- Via Email: You can also reach customer support at atrounvooservices@163.com.



Image 8.1: Visual guide on how to contact Roinvou customer support.

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Question

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Details

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