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› Roinvou Audi TT MK2 Android Radio User Manual

Roinvou Roinvou 8 Cores 4+64G Android Car Radio

Roinvou Android Radio User Manual

Model: Roinvou 8 Cores 4+64G Android Car Radio

For Audi TT MK2 (8J) 2006-2014

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou Android Car Radio. Designed specifically for the Audi TT MK2 (8J) models from 2006 to 2014, this unit enhances your driving experience with advanced features like Wireless CarPlay, Android Auto, GPS navigation, and a high-definition touch screen.



Image: The Roinvou Android Radio main unit with included accessories like the backup camera and external microphone.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Audi TT MK2 (8J) Car Stereo Unit
- Power Cable
- Canbus Box
- Radio Antenna Adapter Cable
- Dual RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- Dual USB Cable
- Installation Tool

Package List

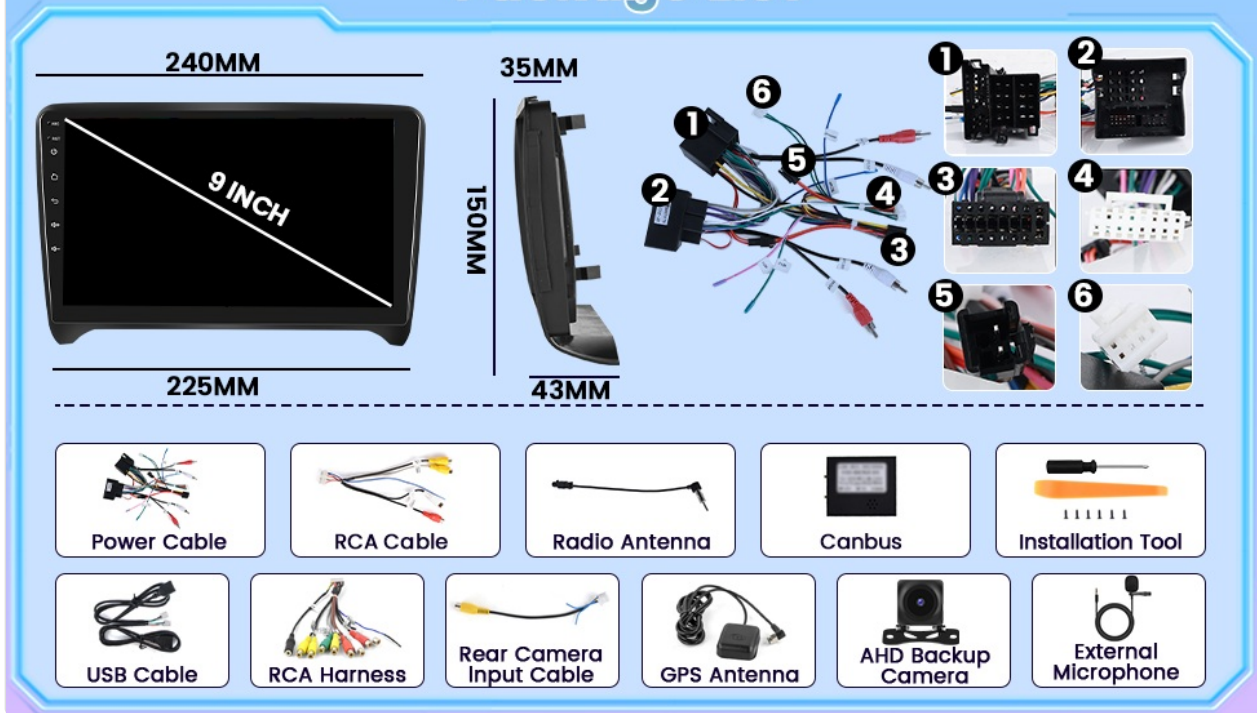


Image: Visual representation of all components included in the Roinvou Android Radio package.

3. INSTALLATION GUIDE

3.1 Important Considerations

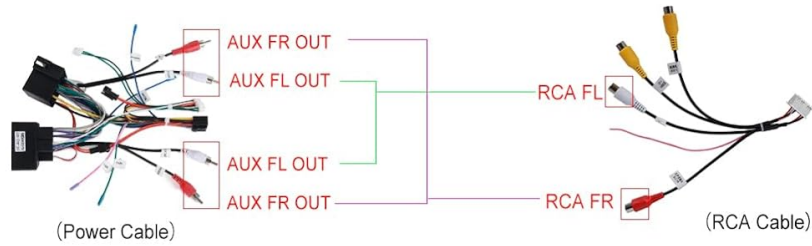
This radio dash kit is designed for Audi TT MK2 (8J) models from 2006 to 2014. The stereo includes an in-dash head unit, wiring harness cables, a CANBUS decoder, and a frame panel. Ensure you use the correct power cable plug (large or small) that fits your car and connect the corresponding red and white ports to the RCA wiring harness. Before purchasing and installing, verify that the power cable port on the detail page matches your original car's configuration.

3.2 Wiring Connections

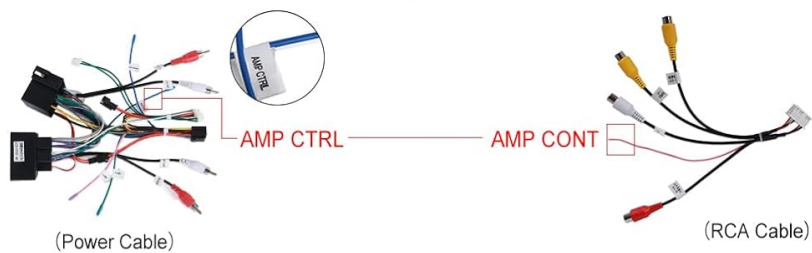
Follow the diagrams below for proper wiring. Incorrect connections can lead to malfunction or damage.

PLEASE NOTE

1. Please select the corresponding AUX FR OUT/AUX FL OUT on the power cable according to the original car interface and connect them to the RCA FR/RCA FL on the RCA cable.



2. Then connect the power cable amplifier wire to the corresponding amplifier wire on the RCA cable to ensure the amplifier functions properly.



If your car is a high-end model, you will need to purchase a separate filter box for the amplifier to function properly. Please contact our customer service for assistance.



(Filter Box)

Image: Diagram illustrating the connection of AUX FR OUT/AUX FL OUT to the RCA cable and the power cable amplifier wire. For high-end car models, a separate filter box for the amplifier may be required to ensure proper function. Contact customer service for assistance if needed.

Reversing Camera & Canbus Wiring

Tip: The reverse input cable must be plugged in even if the reverse camera is not being used. Otherwise it will affect Bluetooth and WiFi signal reception.

Reversing Camera Wiring

Red Cable ①: Connects to the positive terminal of the car's reverse light cable

Black Cable ②: Connects to the negative terminal of the car's reverse light cable

There is no need to connect the other two red extension cables ③ and ④.

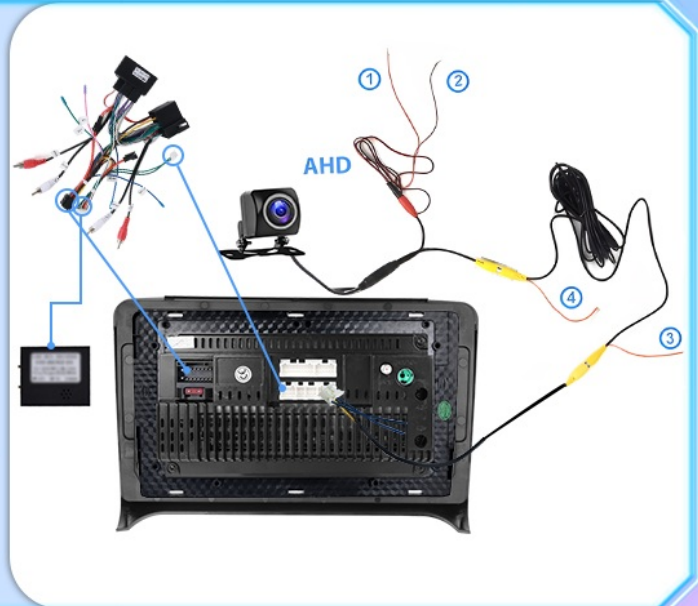


Image: Wiring instructions for the reversing camera and CANBUS connection. Note: The reverse input cable must be plugged in even if the reverse camera is not used, as it affects Bluetooth and WiFi signal reception.

3.3 Post-Installation Appearance

Once installed, the Roinvou Android Radio seamlessly integrates into your Audi TT MK2 dashboard, providing a modern and enhanced user experience.

Compatible with Audi TT MK2 (8J) 2006-2014



After Installation



Before Installation



Carplay



Android Auto



Mirror Link



GPS Navigation



Bluetooth



WIFI



Reverse Input



FM RDS Radio



DSP Sound



SWC



If you have any questions, please contact us via
roinvouservices@163.com

Image: A side-by-side comparison showing the car's dashboard before and after the Roinvou Android Radio installation.

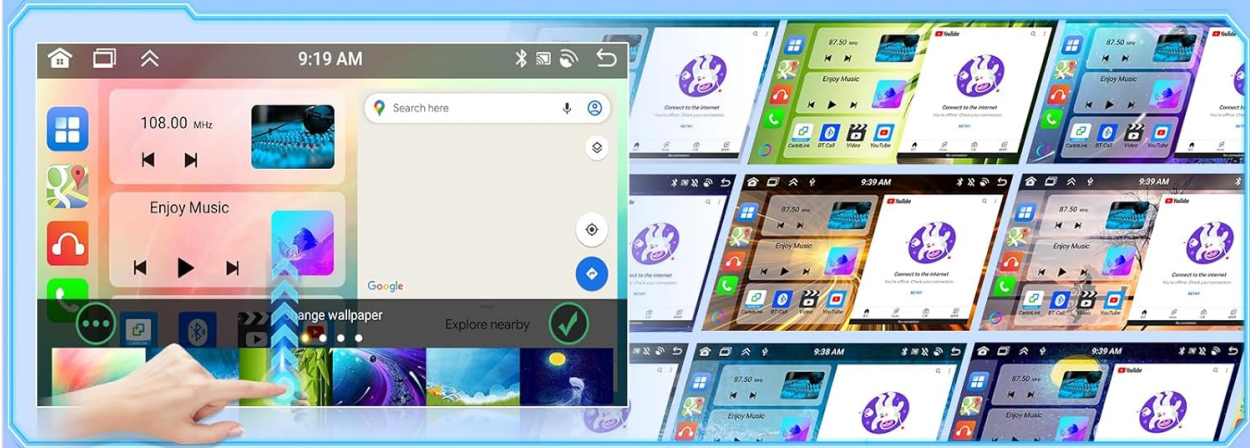
4. OPERATING INSTRUCTIONS

4.1 User Interface and Customization

The unit features a powerful Android system with an 8-core CPU, ensuring a smooth user experience on its HD capacitive touch screen. Personalize your display with 19 wallpaper options and 59 UI desktop themes.

19 Wallpaper Options

Touch the color circle in the lower left corner of the screen to switch between 19 backgrounds.



59 Desktop Themes

Long press the main interface to switch 59 desktop themes.

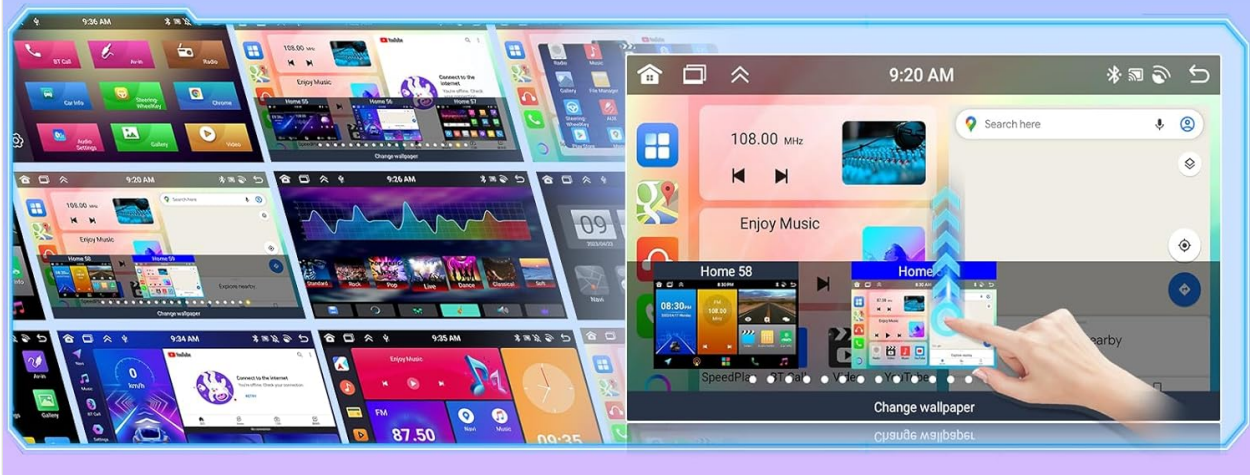


Image: Examples of the 19 wallpaper options and 59 UI desktop themes available for customization.

4.2 Wireless/Wired CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth or with an original USB data cable to access CarPlay or Android Auto. This allows for easy phone calls, music playback, GPS navigation, and smart voice control via Siri or Google Assistant, enhancing your driving convenience.

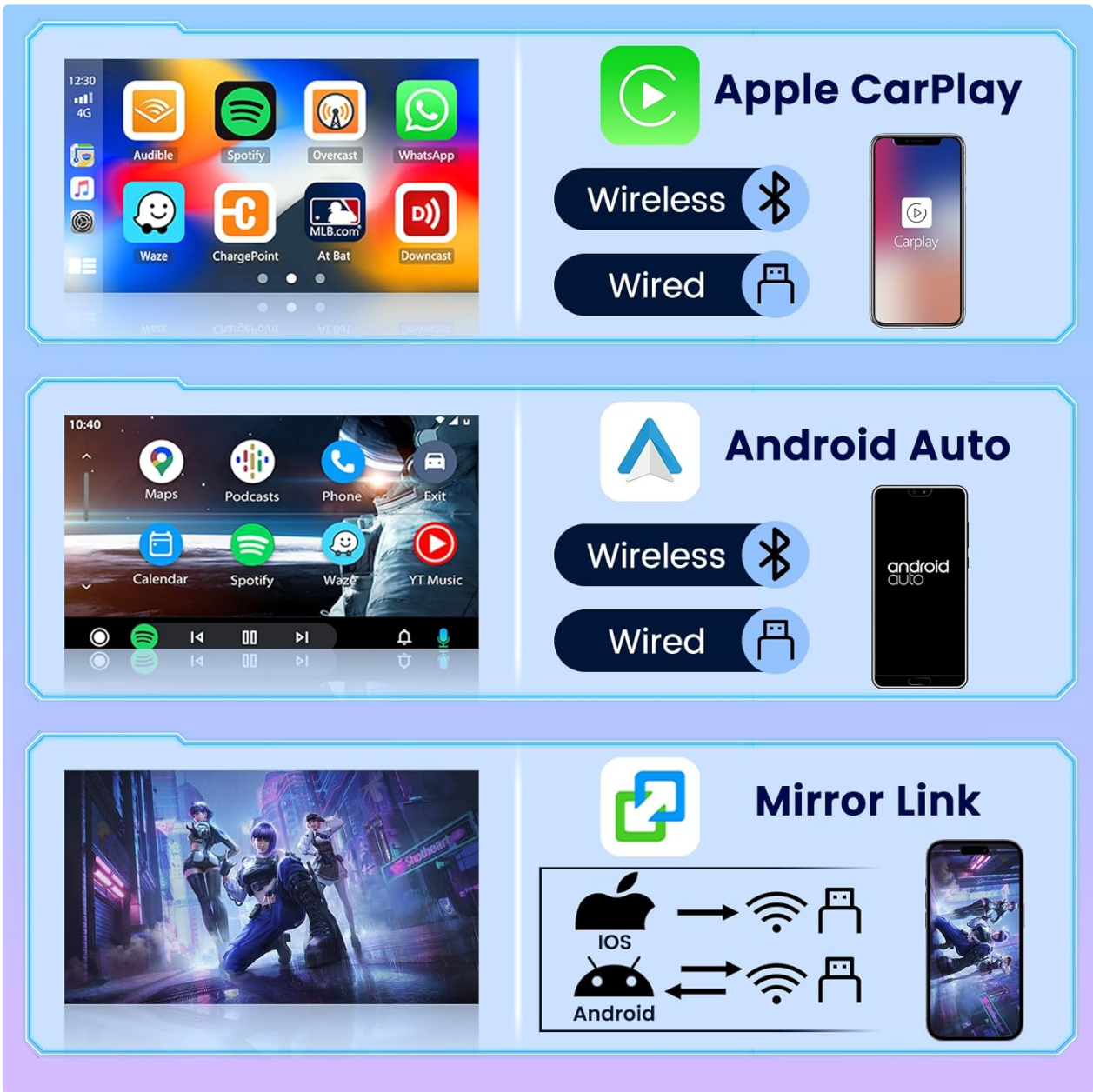


Image: Visual guide for connecting Apple CarPlay, Android Auto, and utilizing the Mirror Link function.

4.3 Bluetooth 5.0 & Mirror Link

The built-in Bluetooth 5.0 ensures a stable connection for hands-free calls, phone book synchronization, and music streaming. Mirror Link functionality allows you to display your Android or iOS smartphone screen directly on the head unit for a larger viewing experience.

Hands-free Bluetooth

Built-in and external microphones (including microphone), support for hands-free calling, music playback, voice functions, synchronization of contacts and more.



FM/RDS Radio

High-quality FM/RDS radio with 18 preset stations provides channel broadcasting, weather forecast, real-time road conditions.

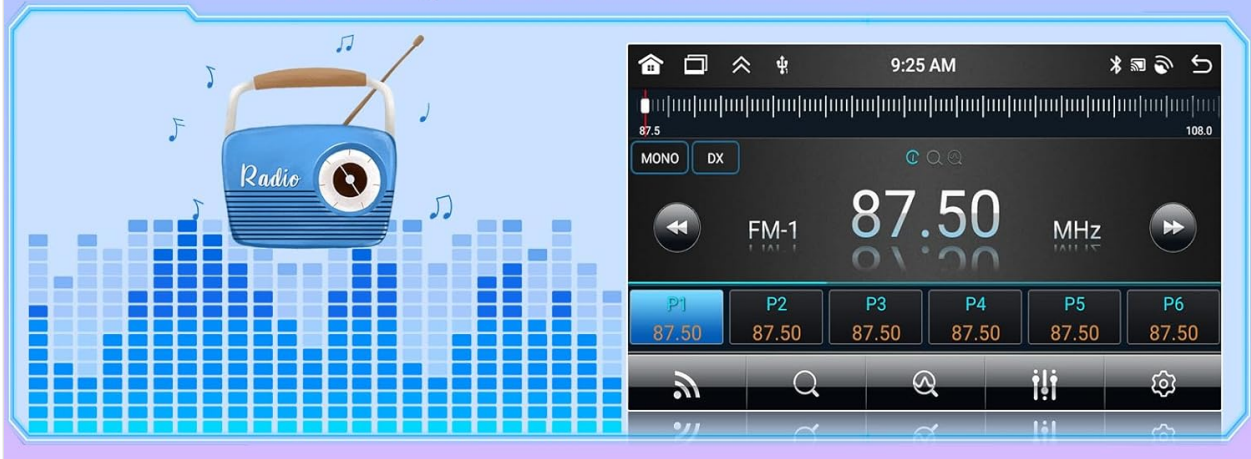


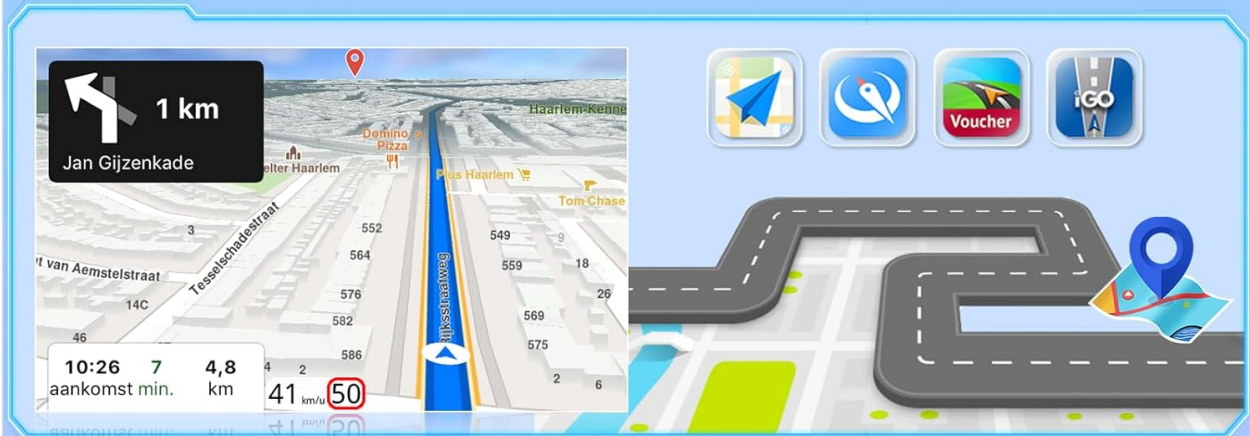
Image: Display of the Bluetooth interface for calls and the FM/RDS radio tuner.

4.4 GPS Navigation & WiFi

With built-in GPS navigation, you can download offline maps directly from the Play Store. Connect to WiFi or use your phone's hotspot to access online maps, stream music, watch videos on YouTube, and download various applications, turning your car stereo into a smart entertainment hub.

GPS Navigation

Built-in GPS module, you can use offline and online maps directly.
(Tips: You need to download free offline map data.)



WiFi or Hotspot

Support WiFi or Hotspot connection, you can install apps from the Play Store, watch online videos as well as navigate online.

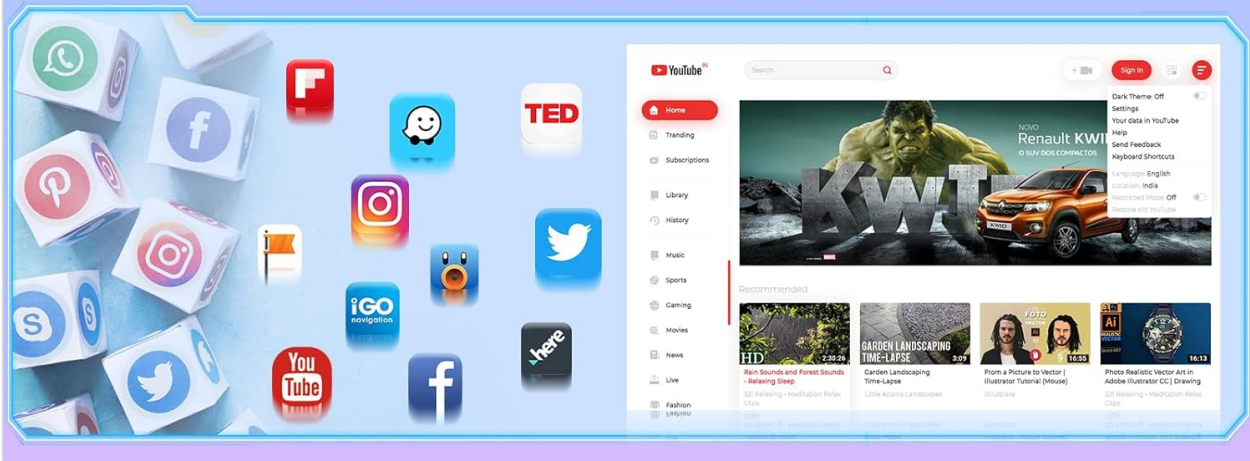


Image: Examples of GPS navigation interface and available apps when connected to WiFi.

4.5 Audio Features: 32 EQ & FM/RDS Radio

The unit features pre-installed car tuning software with 32-band EQ technology, allowing you to adjust frequency and sound type for optimal audio quality. The built-in FM/RDS radio provides access to broadcasts, real-time traffic, and weather forecasts.

4.6 Steering Wheel Control (SWC)

The system supports steering wheel controls, allowing you to manage functions without taking your hands off the wheel. Some radios require matching the protocol/CANBUS box to activate this feature. If your unit does not have a CANBUS decoder, you may need to manually match the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car. Then, navigate to Apps > Settings > Factory Settings (1234) > CAN Settings to make SWC work properly. First select the brand of the CANBUS decoder, then select the matching model and year according to the actual situation.

Steering Wheel Control



Note: **Without CANBUS Decoder:** Please connect the plugs or the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car, and then go to "SteeringWheelKey" manual match to activate the button function.

Contain CANBUS Decoder: Please connect the canbus before powering on the machine, and then follow this path (Apps - Settings - Factory Settings(1234) - CAN Settings) to make SWC work properly. First select the brand of the canbus decoder, then select the matching model and year according to the actual situation.

Image: Interface for setting up steering wheel controls, showing button mapping options.

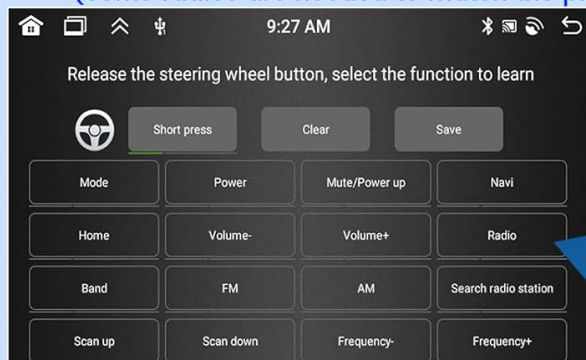
4.7 Backup Camera (AHD Reversing Image)

The unit supports a backup camera, automatically switching to the reverse image when the vehicle is put into reverse gear. Cameras support both CVBS and AHD formats and can be configured in the factory settings under camera type.

Steering Wheel Control

Use the "SteeringWheelKey" to control the radio, making the operation more convenient.

(Some radios are needed to match the protocol/CANBUS box to activate this feature).



AHD Reversing Image

Once you put the car in reverse gear, the radio will automatically display the reversing image.



Image: Display of the AHD reversing image on the car stereo screen, showing parking guidelines.

4.8 UI Functions & Carplay and Android Auto & Navigation Video

Watch this video for a comprehensive overview of the user interface functions, CarPlay, Android Auto, and navigation features.

Your browser does not support the video tag.

Video: Demonstrates the various UI functions, seamless integration of CarPlay and Android Auto, and navigation capabilities of the Roinvou Android Radio.

5. SPECIFICATIONS

Feature	Detail
Model Name	Roinvou 8 Cores 4+64G Android Car Radio
Display Size	9 Inches
Resolution	720 x 1280
Operating System	Android
Processor	8 Cores CPU
Memory (RAM)	4GB
Storage (ROM)	64GB
Connectivity	Bluetooth 5.0, Wi-Fi, USB
Audio Output Mode	Stereo
Equalizer	32-band EQ
Voice Command	Touchscreen, Microphone
Vehicle Service Type	Car (Audi TT MK2 2006-2014)
Item Weight	3.52 pounds
Country of Origin	China

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **No Power:** Ensure all power cables are securely connected. Check the vehicle's fuse box for any blown fuses related to the stereo system. Verify the power cable port matches your original car's configuration.
- **No Audio Output:** Confirm the RCA wiring harness is correctly connected. For high-end models, a separate amplifier filter box might be required. Check speaker connections and audio settings on the unit.
- **Poor Fitment:** While designed for the Audi TT MK2, some minor adjustments or trimming might be necessary for a secure fit. Ensure all mounting tabs are properly aligned and secured.
- **Steering Wheel Controls Not Working:** If your car has a CANBUS system, ensure the CANBUS decoder is correctly connected and configured in the unit's factory settings (Apps > Settings > Factory Settings (1234) > CAN Settings). If no CANBUS, manually match the Key1/Key2 wires.
- **Bluetooth/WiFi Signal Issues:** Ensure the reverse input cable is plugged in, even if a reverse camera is not used, as it can affect signal reception. Check antenna connections.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.

If you encounter issues not covered here, please refer to the support section for further assistance.

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The Roinvou Android Radio comes with a **1-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.

7.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact Roinvou customer service:

Email: roinvouservices@163.com

Online: Visit the Roinvou Store on Amazon and click 'Ask a question'.

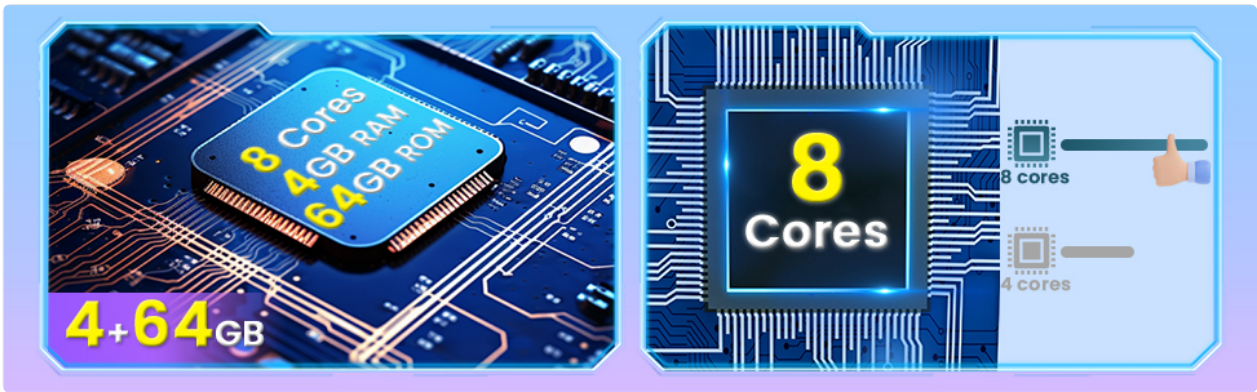


Image: Roinvou customer support details, including email and how to contact via Amazon.