

Roinvou 9-inch Car Stereo

Roinvou 9-inch Car Stereo Instruction Manual for Kia Forte Cerato K3 (2013-2018)

Model: 9-inch Car Stereo

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou 9-inch car stereo system. This system is designed to enhance your driving experience with advanced features such as Wireless CarPlay, Android Auto, Bluetooth 5.0, GPS navigation, and a high-resolution touch screen. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. VEHICLE COMPATIBILITY

This Roinvou car stereo is specifically designed for:

- **Kia Forte Cerato K3** models manufactured between **2013 and 2018**.

The system is engineered for seamless replacement of the original dash panel, requiring no wiring modifications for compatible vehicles. If you are unsure about compatibility, please consult the manufacturer with your car's model, production year, and a picture of your car's dashboard.

For Kia Cerato K3 Forte 2013-2018



Image: Comparison of the car dashboard before and after installing the Roinvou 9-inch car stereo, showing the integrated fit.

3. WHAT'S IN THE BOX

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

- Roinvou Car Stereo Unit (for Kia Forte Cerato K3)
- Power Cable
- Radio Antenna
- RCA Harness
- GPS Antenna
- AHD Backup Camera
- External Microphone
- Rear Camera Input Cable
- 2 x USB Cables
- Installation Tool

Product Size & Package List



Image: Visual representation of the product size and all included accessories in the package.

4. SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation.

4.1. Wiring Connections

Connect the provided power cable, RCA harness, USB cables, radio antenna, and GPS antenna to their respective ports on the back of the stereo unit and to the vehicle's wiring harness. Refer to the wiring diagram for correct connections.

How to Connect the Backup Camera?

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.

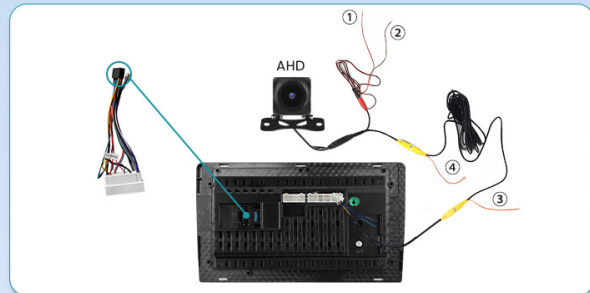


Image: Diagram illustrating the wiring ports on the back of the stereo unit and the corresponding vehicle harness connections.

4.2. Backup Camera Installation

The included AHD backup camera automatically displays an image when the vehicle is shifted into reverse gear. Connect the red cable (1) to the positive terminal of the car's reverse light cable and the black cable (2) to the negative terminal. The reverse input cable must be plugged into the stereo unit even if the camera is not used, as it affects Bluetooth and WiFi signal reception.

Product Size & Package List



Image: Step-by-step wiring instructions for the backup camera, detailing connections to the reverse light cables.

4.3. Steering Wheel Control (SWC) Setup

The stereo supports most factory multi-function steering wheel buttons (volume, skip tracks, etc.).

- **Without CANBUS Decoder:** Connect the Key1/Key2 steering wheel control wires in the power cable to the corresponding port or wire of your original car. Then, navigate to "SteeringWheel Key" in the stereo's settings to manually match and activate the button functions.
- **With CANBUS Decoder:** Connect the CANBUS decoder before powering on the machine. Then, go to *Apps > Settings > Factory Settings (password: 8888/8317) > Vehicle > Automotive type* Select the brand of the CANBUS decoder and the matching model and year according to your vehicle's specifications.

Wiring Port



Image: Instructions for configuring steering wheel controls, including options for vehicles with and without a CANBUS decoder.

5. OPERATING INSTRUCTIONS

5.1. Wireless CarPlay & Android Auto

Connect your iPhone or Android phone wirelessly to access navigation, music, calls, and other apps directly on the stereo's screen. Use voice assistants like Siri or Google Voice for hands-free operation, promoting safer driving.

Bluetooth 5.1

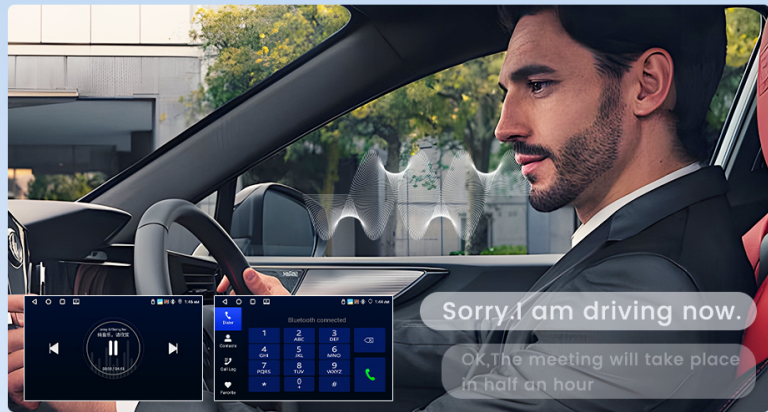


Image: Display of the Wireless CarPlay and Android Auto interface, highlighting voice control, hands-free calling, online music, and map features.

5.2. Bluetooth 5.0 Connectivity

Pair your smartphone via Bluetooth 5.0 for dedicated music streaming and hands-free calls. This ensures a stable connection with minimal interference.



Image: Illustration of Bluetooth 5.1 features, including hands-free calling and music playback.

5.3. Mirror Link Function

Synchronize your Android or iOS smartphone screen to the stereo display. This allows you to view content like videos or games from your phone on the larger 9-inch screen.

Mirror Link Function

Mirror Links for Android and iOS smartphones, you can synchronize the phone screen to enjoy playing video on a larger screen.



For IOS: Bluetooth
For Android: Bluetooth

Image: Demonstration of the Mirror Link function, mirroring a smartphone's display onto the car stereo screen.

5.4. GPS Navigation & WiFi

The unit features built-in GPS navigation. You can download offline navigation maps directly from the Play Store. After connecting to WiFi, online maps can also be used for real-time traffic and updates.

GPS Navigation & WiFi

Built-in GPS navigation, you can download offline navigation directly from the Play Store. After connecting to WiFi, the online map can also be used perfectly.



Image: GPS navigation screen displaying a map, route, and various online application icons accessible via WiFi.

5.5. FM/RDS Radio

Access your favorite radio stations with the FM/RDS tuner. The system supports auto-syncing RDS radio information, displaying frequency and program names. Preset options allow for quick access to preferred channels.



Image: Display of the FM/RDS radio interface, showing frequency selection and preset station management.

5.6. 32-Band EQ Tuning

Customize your audio experience with the 32-band equalizer. This feature allows for fine-tuning of sound frequencies to achieve optimal lossless sound quality, compensating for original speaker characteristics. Preset modes (Rock, Pop, Classic) and customizable EQ settings are available.



Image: Screenshot of the 32-band EQ settings, showing detailed frequency adjustments and sound balance options.

5.7. Split Screen Functionality

The stereo supports split-screen display, allowing you to run two applications simultaneously. For example, you can view navigation on one side and control music playback on the other.

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 "SteeringWheel Key" 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(8888/8317) - Vehicle - Automotive type) 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: Example of the split-screen feature, displaying a multi-panel homepage and two applications running side-by-side.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates via the system's settings menu when connected to WiFi. Keeping the software updated ensures optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure all connections remain secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power / Unit Not Turning On	Loose power connection, blown fuse, incorrect wiring.	Check all power cable connections. Inspect vehicle fuses and the stereo's inline fuse. Verify wiring against the diagram.
No Sound	Volume too low, mute activated, loose speaker wires, incorrect audio settings.	Increase volume. Check if mute is active. Verify speaker wire connections. Adjust audio output settings in the EQ menu.
Bluetooth Connection Unreliable	Interference, incorrect pairing, software glitch.	Ensure no other devices are interfering. Re-pair the device. Restart both the stereo and the phone. Ensure the backup camera input cable is connected.
Microphone Clarity Issues (Hands-free calls)	Microphone placement, external noise, software settings.	Ensure the external microphone is properly installed and positioned away from vents or excessive noise. Check audio input settings if available.
Steering Wheel Controls Not Working	Incorrect wiring, improper software configuration.	Verify Key1/Key2 wiring. Reconfigure SWC settings as described in Section 4.3. Ensure CANBUS decoder is correctly installed and configured if applicable.
Screen Too Bright at Night / No Auto Brightness	Lack of automatic brightness sensor, manual setting required.	Manually adjust screen brightness through the display settings menu for night driving.
GPS Signal Loss / Inaccurate Navigation	GPS antenna placement, environmental interference.	Ensure the GPS antenna is mounted in a clear line of sight to the sky, away from metal obstructions.

If issues persist after attempting these solutions, please contact Roinvou customer support.

8. SPECIFICATIONS

Feature	Detail
Display Size	9 Inches
Resolution	1280 x 720 (HD)
Operating System	Android
RAM	4GB
Storage	64GB

Feature	Detail
Connectivity	Bluetooth 5.0, USB, Wi-Fi (5GHz), Wireless CarPlay, Wireless Android Auto
Special Features	Touchscreen, GPS Navigation, FM RDS Radio, Support Reverse Input, Split Screen, 32 EQ Setting, Steering Wheel Control (SWC), Mirror Link
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	3.21 pounds
Package Dimensions	11.65 x 11.06 x 3.86 inches

9. WARRANTY AND SUPPORT

Warranty: The Roinvou 9-inch Car Stereo 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.

Customer Support: For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Roinvou customer support through the retailer where the product was purchased or visit the official Roinvou website for contact information.

For additional resources and product information, you may visit the [Roinvou Store on Amazon](#).