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› [MekedeTech](#) /

› MekedeTech Android Car Radio Stereo GPS Navigation for Kia Sorento (4-Core 2+32G) - Instruction Manual

MekedeTech 4-Core 2+32G

MekedeTech Android Car Radio Stereo GPS Navigation for Kia Sorento (4-Core 2+32G) - Instruction Manual

Model: 4-Core 2+32G | Compatible with Kia Sorento 2014-2017

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your MekedeTech Android Car Radio Stereo GPS Navigation system. Designed specifically for Kia Sorento models from 2014 to 2017, this head unit offers a 9-inch touch screen with Android 13 OS, 4-Core A53 1.7GHz CPU, 2GB RAM, and 32GB ROM. Key features include built-in Wireless CarPlay/Android Auto, GPS navigation, steering wheel control support, WiFi, Bluetooth 5.0, and a 1024*600 high-resolution display. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

WHAT'S IN THE BOX

Your MekedeTech Android Car Radio package includes the following components:

- Vehicle-specific mounting hardware
- Wiring harness
- Backup camera
- GPS Antenna
- USB Cables (6-pin)
- RCA Cable Harness
- Canbus Cable (if applicable for your vehicle model)
- Rear View Adapters (two different model sizes may be included, choose based on your original car's condition)

SETUP AND INSTALLATION

Proper installation is crucial for the functionality and longevity of your car stereo. It is recommended that installation be performed by a qualified professional. Refer to the following steps and the provided video for guidance.

Your browser does not support the video tag.

Video: Sorento Car Stereo Wiring Guide. This video demonstrates the wiring process for the car stereo, including connecting various

cables and components.

Installation Steps:

1. **GPS Antenna Connection:** Insert the GPS antenna and tighten the screws. Tear off the paper backing and stick the GPS antenna under the front windshield for optimal signal reception.
2. **Camera Input Cable:** Insert the camera input cable into its designated port on the head unit.
3. **USB Cable Connection:** Insert the 6-pin USB cable into the corresponding USB port on the head unit.
4. **RCA Cable Harness:** Insert the RCA cable harness into its designated port.
5. **Power Cord and Canbus:** Connect the Canbus module to the main wiring harness. Then, plug the main power harness (black plug) into the head unit. Ensure all connections are secure.
6. **Amplifier and AUX Connections (if applicable):** If your original car has an AUX jack, plug the AUX L/R into the AUX IN L/R in the RCA harness. If your original car has an amplifier, plug the AUX IN L/R into the AUDIO OUT L/R in the RCA harness. Connect the blue amplifier control cable "AMP CTRL" to "AMP CONT" of the RCA Harness.
7. **Rear View Adapters:** Two different model sizes of rear view adapters may be included. Choose the adapter that matches the actual condition of your original car. Connect the yellow video signal cable from the chosen adapter to the "Reversing video input" line.



Image: Comparison of the Kia Sorento dashboard before and after the installation of the MekoTech Android Car Radio. The new 9-inch touch screen seamlessly integrates into the vehicle's interior.

Built-in Car-Play + Auto

car dvd player comes with car-play function, no need to purchase additional accessories.

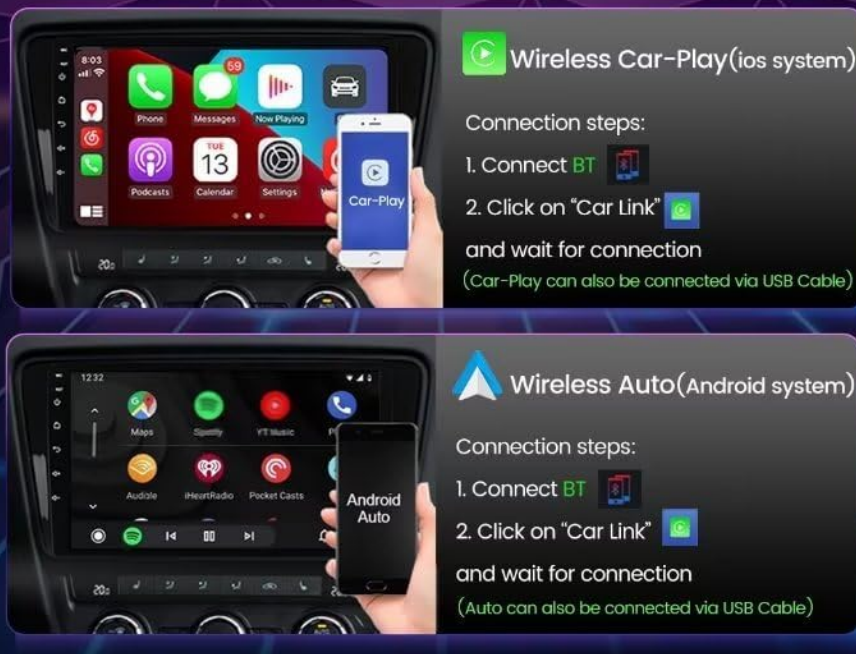


Image: Detailed view of the MekedeTech car stereo's internal components, highlighting the 4-Core CPU, 2GB RAM, and 32GB ROM. It also illustrates the cooling fan system and initial setup steps for sound and amplifier control.

OPERATING INSTRUCTIONS

Your MekedeTech car stereo offers a range of features for an enhanced driving experience.

Wireless CarPlay and Android Auto:

Enjoy seamless integration with your smartphone. The unit supports both wireless CarPlay (for iOS devices) and wired Android Auto (for Android devices). Connect your phone via Bluetooth and then select "Car Link" on the stereo to initiate the connection. This allows you to access navigation, music, messages, and calls directly from the car's display.



QUAD CORE, 2+32GB

Android
System

2GB
RAM

32GB
ROM



4 core

Support Cooling fan

The cooling fan can deal with and solve the abnormal operation caused by high temperature in summer and long-term use of the machine, such as restart, abnormal touch, abnormal function, etc....

There is no cooling fan



cpu_thermal_zone 91.0°C

gpu_thermal_zone 89.0°C

High temperature

With cooling fan



cpu_thermal_zone 57.0°C

gpu_thermal_zone 57.0°C

Normal temperature

Setup steps:

1.



connect

2. Settings -- Device -- Sound



3. Device -- AMP ON



4. The cooling fan starts working

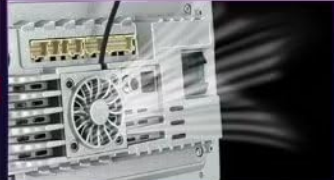


Image: The MekedeTech car stereo screen showcasing the user interfaces for Wireless CarPlay (iOS system) and Wireless Android Auto (Android system), along with connection steps.

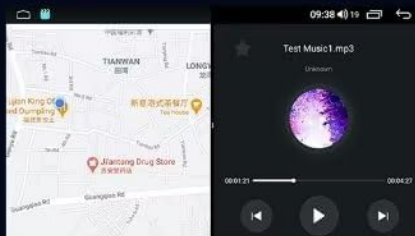
GPS Navigation:

The built-in GPS navigation system supports various map types including iGo, Navitel, Yandex, and Google Maps. It provides real-time traffic conditions and accurate positioning. Ensure the GPS antenna is properly installed for optimal performance.

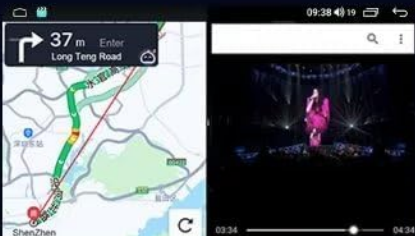
Support split screen

Support for two applications to be displayed on the screen at the same time, which makes the operation more convenient and faster

FM/AM Radio +MAP



MAP + Music



MAP + Online video

GPS NAVIGATION

Built-in global positioning system, omni-directional map display, synchronous display real-time traffic conditions, rapid and accurate positioning

GPS

BDS

GLONASS

The following maps are supported



For Navitel



For iGO



For Yandex



For Google

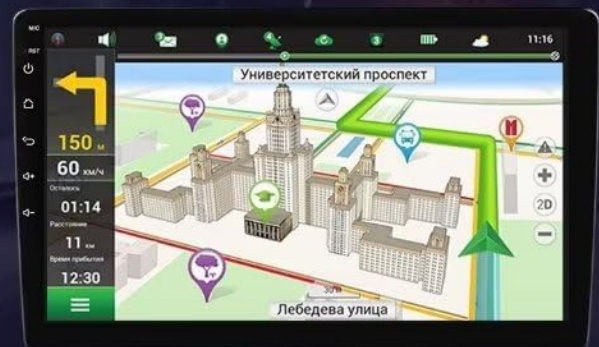


Image: The MekedeTech car stereo screen demonstrating the split-screen functionality, allowing two applications (e.g., FM radio and map, or map and music) to be displayed simultaneously. It also highlights the GPS navigation capabilities with support for various map services.

Steering Wheel Control:

The unit supports original steering wheel control functions, allowing you to easily switch songs, channels, and adjust volume without taking your hands off the steering wheel. This feature enhances convenience and driving safety.

Bluetooth 5.0:

Built-in Bluetooth 5.0 enables hands-free calls and Bluetooth music streaming, ensuring a safe and enjoyable audio experience.

WiFi Connectivity:

The built-in WiFi module allows you to connect to the internet via a WiFi hotspot, enabling online navigation, app downloads, and other internet-based features.

MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or harsh chemicals that could damage the display.
- **Software Updates:** Periodically check for software updates to ensure you have the latest features and bug fixes. Updates can typically be found through the system settings or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage. Loose connections can lead to intermittent issues.

TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting steps:

- **No Power:**
 - Check all power connections to ensure they are securely plugged in.
 - Verify the vehicle's fuse related to the car stereo is not blown.
- **No Sound:**
 - Ensure the volume is not muted or set to a very low level.
 - Check speaker wire connections.
 - If using an external amplifier, verify its power and connections.
- **GPS Signal Issues:**
 - Ensure the GPS antenna is properly installed and has a clear line of sight to the sky (e.g., under the front windshield).
 - Check the GPS antenna connection to the head unit.
- **CarPlay/Android Auto Connectivity Problems:**
 - Ensure Bluetooth is enabled on your phone and the car stereo.
 - For wired Android Auto, try a different USB cable.
 - Restart both your phone and the car stereo.
- **Touch Screen Unresponsive:**
 - Perform a soft reset of the unit (refer to the device's settings for a reset option, or turn off the car ignition and restart).
 - Ensure the screen is clean and free from debris.

If these steps do not resolve the issue, please contact customer support.

SPECIFICATIONS

Feature	Detail
System	Android 13 OS
CPU	4-Core A53 1.7GHz

Feature	Detail
Memory	2G RAM 32G ROM
Screen Resolution	9 inch IPS touch screen with 1024*600 resolution
Power Output	4*50W
Audio Format Support	APE/FLAC/WAV/MP3/WMA etc
Video Format Support	MKV/RMVB/AVI/MP4/MDV etc
Picture Format Support	PNG/JPEG/JPG/GIF/WBMP/BNP etc
Connectivity Technology	Wireless (WiFi, Bluetooth)
Special Features	Bluetooth, Touchscreen, Wireless Android Auto, Wireless CarPlay, GPS Navigation
Map Type	Worldwide (iGo, Navitel, Yandex, Google Maps supported)
Vehicle Service Type	Car (Kia Sorento 2014-2017)

WARRANTY INFORMATION

This MekedeTech Android Car Radio 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. The warranty does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or normal wear and tear.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact MekedeTech customer service. You can typically find contact information on the official MekedeTech website or through your purchase platform. Please have your product model number and purchase details ready when contacting support.

Online Resources: For additional information and FAQs, visit the [MekedeTech Store on Amazon](#).

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