Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

MekedeTech 8-Core 4+64G

MekedeTech Android Car Radio User Manual

Model: 8-Core 4+64G for KIA Carnival 2014-2020

Introduction



Image Description: This image displays the MekedeTech Android Car Radio head unit, featuring a 9-inch touch screen integrated into a custom bezel designed for KIA Carnival vehicles. The screen shows a user interface with a map application and various media and utility icons at the bottom.

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MekedeTech Android Car Radio. Designed specifically for KIA Carnival models from 2014 to 2020, this unit features an Android 13 OS, 8-Core CPU, 4GB RAM, and 64GB ROM, offering a 9-inch IPS touch screen with 1280x720 resolution. It integrates advanced features such as Wireless CarPlay, Android Auto, GPS navigation, WiFi, and AM/FM radio to enhance your driving experience.

Package Contents

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

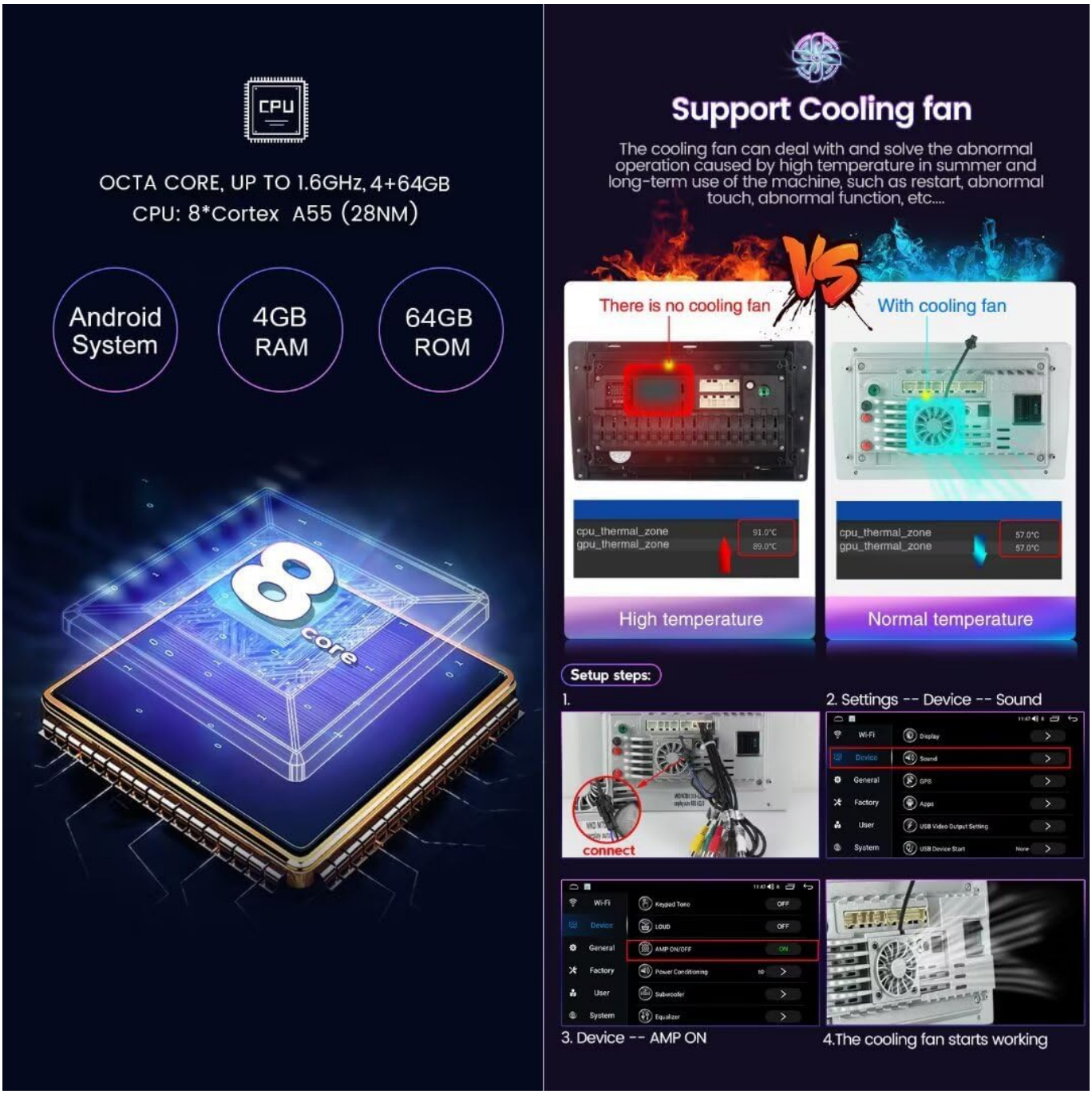


Image Description: This image displays the various components included in the product package. It shows the main head unit, power cables (two types), RCA cables, reversing camera, USB cables (two types), microphone, GPS antenna, 4G antenna, and audio out cables. Some accessories are noted as specific to certain models (e.g., M90S/95S without Cooling fan connector cable for RCA, M90S/95S without MIC for microphone).

- Main Head Unit (Machine)
- Power Cable (specific to vehicle model)
- RCA Cable
- Reversing Camera
- USB Cables (multiple types/quantities)
- Microphone (external)
- GPS Antenna
- 4G Antenna (if applicable)
- Audio Out Cable

Setup and Installation

This unit is designed for direct compatibility with KIA Carnival models from 2014-2020. No cutting or modification of original car wiring is typically required. Professional installation is recommended.

1. Pre-Installation Check

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Verify all package contents against the list above.

2. Physical Installation

1. Carefully remove the original car radio and dashboard trim. Refer to your vehicle's service manual for specific instructions.
2. Connect the provided power cable to the car's wiring harness. Ensure all connections are secure.
3. Connect the GPS antenna, WiFi antenna, and 4G antenna (if applicable) to their respective ports on the head unit. Position antennas for optimal signal reception.
4. Connect the RCA cables, USB cables, and external microphone as needed for additional functionalities (e.g., reversing camera, external storage, hands-free calls).
5. Mount the new Android Car Radio into the dashboard opening.
6. Reconnect the vehicle battery.

Package Contents



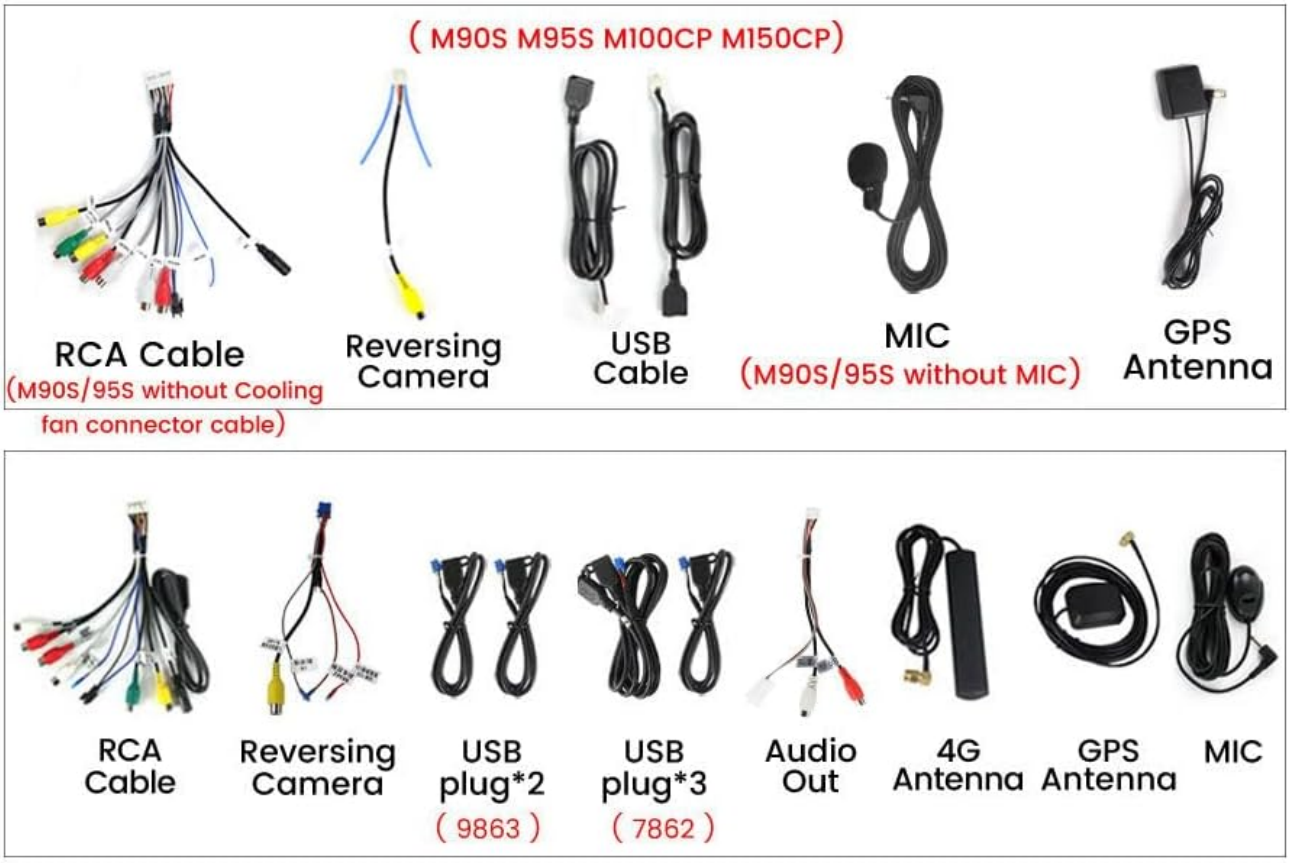


Image Description: This image shows a split view of a KIA Carnival dashboard. The left side depicts the dashboard with the original car radio installed, while the right side shows the same dashboard after the MekedeTech Android Car Radio has been successfully installed, demonstrating a seamless fit.



Image Description: This image provides a close-up view of the car dashboard after the MekedeTech Android Car Radio has been installed. The screen displays various application icons, indicating a functional and integrated system.

3. Initial Power-On and Basic Configuration

1. Turn on the vehicle ignition. The unit should power on automatically.
2. Follow the on-screen prompts for initial setup, including language selection and time zone.
3. **WiFi Connection:**
    - Navigate to **Settings** > **Network & Internet** > **Wi-Fi**.
    - Select your desired network and enter the password.
4. **4G LTE Connection (if applicable):**
    - Insert a 4G SIM card into the designated slot. The machine includes two SIM card slots: one on the back of the main unit and one on the RCA cable.
    - The unit should automatically detect and connect to the cellular network.

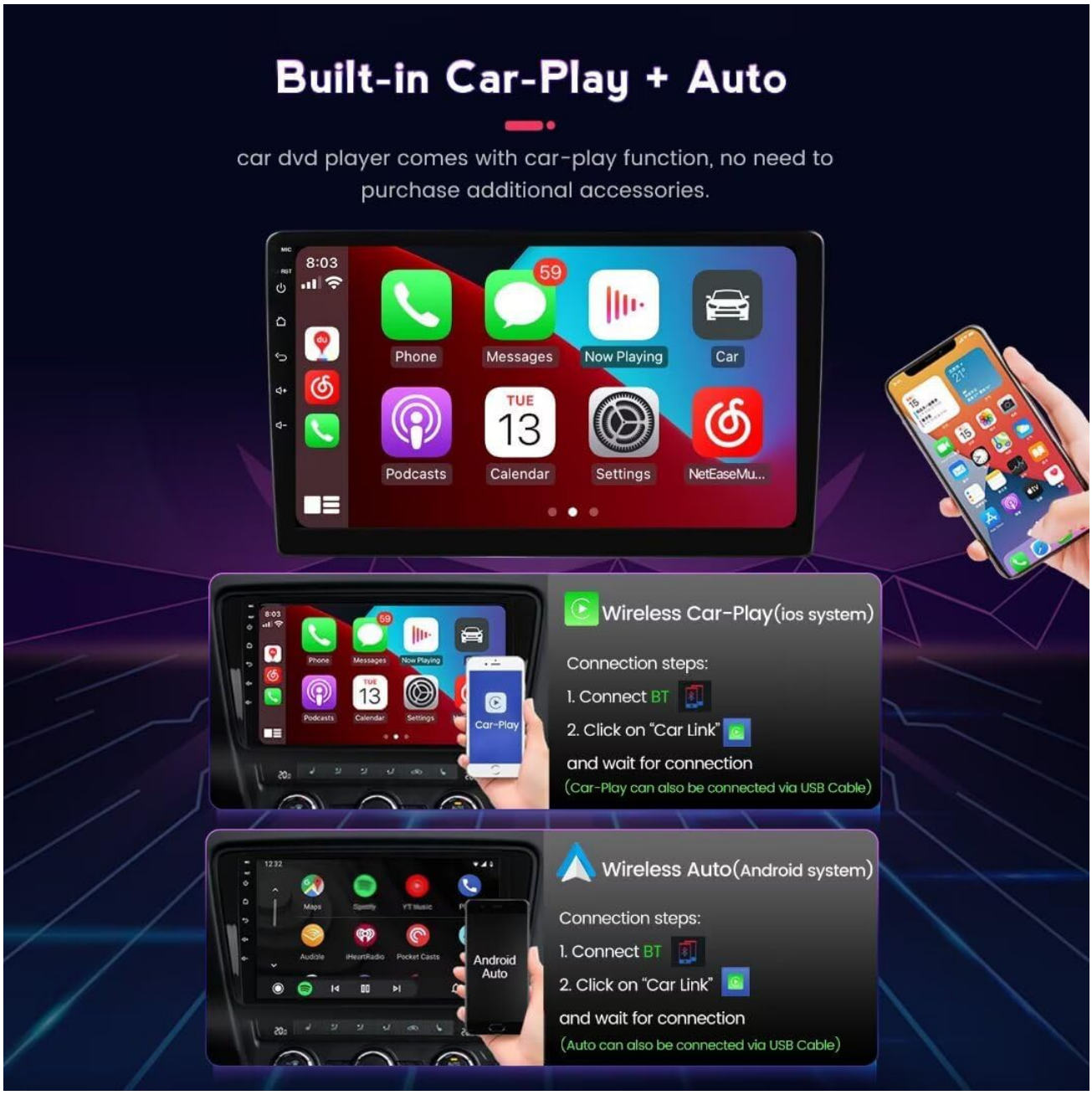


Image Description: This image highlights two key features: the built-in 4G LTE connectivity with a SIM card slot illustration, and the cooling fan system. The cooling fan section shows temperature comparisons (high vs. normal) and setup steps for activating the cooling fan, indicating improved thermal management.

5. **Steering Wheel Control:**
    - Access the **Steering Wheel Control** settings in the unit's menu.
    - Follow the on-screen instructions to map your vehicle's steering wheel buttons to the desired functions (e.g., volume, track skip, mode).

Operating Instructions

1. Wireless CarPlay / Android Auto

The unit supports wireless connection for both Apple CarPlay and Android Auto, allowing seamless integration with your smartphone.

1. **Connection Steps:**
    - Ensure Bluetooth is enabled on your smartphone and the car radio.

- On the car radio, navigate to the**CarPlay** or **Android Auto** application.
- Select **Connect BT**.
- On your phone, search for and connect to the car radio's Bluetooth device name.
- Once paired, select **Car Link** on the car radio and wait for the connection to establish.
- *Note: A wired connection via USB cable is also supported for both CarPlay and Android Auto.*



Image Description: This image illustrates the "Built-in Car-Play + Auto" feature. It shows the car radio display with the CarPlay interface, including phone, messages, music, and navigation apps. Below, it details the connection steps for both Wireless Car-Play (iOS system) and Wireless Auto (Android system), emphasizing Bluetooth pairing and selecting "Car Link."

2. GPS Navigation

The unit comes with built-in GPS navigation and supports both offline and online maps. Connect to WiFi or 4G for live traffic updates and online map services.

- Access the navigation application from the main menu.
- Enter your destination to begin route guidance.

- Download offline maps for navigation without an internet connection.

3. AM/FM Radio

Tune into your favorite radio stations with the built-in AM/FM radio tuner, featuring RDS support for enhanced information display.

- Open the **Radio** application.
- Use the scan function to find available stations or manually tune to a frequency.
- Save preferred stations as presets for quick access.

4. Bluetooth Hands-Free Calling

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

- Go to **Settings** > **Bluetooth** on the car radio.
- Enable Bluetooth and make the device discoverable.
- On your phone, search for the car radio's Bluetooth name and pair.
- Once connected, you can make and receive calls directly from the car radio interface.

5. Split Screen Display

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

- While an application is open, press and hold the recent apps button or drag an app to one side of the screen (method may vary slightly based on Android version).
- Select a second application to occupy the other half of the screen.

Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for system updates via the **Settings** menu to ensure optimal performance and access to new features. A stable internet connection is required for updates.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Speaker wires disconnected, volume too low, audio settings incorrect.	Verify speaker wire connections. Increase volume. Check audio output settings in the unit.
GPS signal is weak or inaccurate.	GPS antenna improperly placed or obstructed.	Ensure GPS antenna has a clear view of the sky, away from metal obstructions.

Problem	Possible Cause	Solution
CarPlay/Android Auto not connecting.	Bluetooth not paired, incorrect connection steps, phone compatibility.	Re-pair Bluetooth. Follow connection steps carefully. Ensure phone OS is compatible. Try a different USB cable for wired connection.
Touch screen unresponsive.	Temporary software glitch, screen calibration issue.	Restart the unit. If issue persists, perform a factory reset (note: this will erase all data).

Specifications

Feature	Detail
Operating System	Android 13 OS
CPU	8-Core A53 1.6GHz
Memory	4GB RAM, 64GB ROM
Display Size	9 inch IPS Touch Screen
Display Resolution	1280*720
Connectivity	Built-in WiFi, 4G LTE (SIM card support), Bluetooth
Navigation	Built-in GPS, supports offline/online maps
Car Integration	Wireless CarPlay, Wireless Android Auto, Steering Wheel Control
Audio	AM/FM Radio with RDS, DSP Processor support
Compatibility	KIA Carnival 2014-2020

Warranty and Support

This MekedeTech Android Car Radio comes with a**1-Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical assistance, troubleshooting, or warranty inquiries, please contact MekedeTech customer support through the retailer where the product was purchased or visit the official MekedeTech website for contact information.
When contacting support, please provide your product model number (8-Core 4+64G) and a detailed description of the issue.

© 2025 MekedeTech. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0FQ5VH16R

More documents and user manuals: **https://manuals.plus/**