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MekedeTech 8-Core 4+32G

MekedeTech Android Car Radio Stereo GPS Navigation User Manual

For Audi A4 B6 B7 S4 B7 B6 RS4 (2000-2009) - Model: 8-Core 4+32G

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your MekedeTech Android Car Radio Stereo GPS Navigation system. This unit is specifically designed for Audi A4 B6 B7 S4 B7 B6 RS4 models manufactured between 2000 and 2009. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. Setup and Installation

The MekedeTech Android Car Radio Stereo is designed for a plug-and-play installation, integrating seamlessly with your vehicle's existing systems, including steering wheel controls. Professional installation is recommended for optimal results.

2.1 Package Contents

Verify that all components are present in the package:

- MekedeTech Android Head Unit (8-Core 4+32G)
- Vehicle-specific frame kit
- Plug-and-play wiring harness
- GPS antenna
- USB cables
- External microphone (if included)
- User Manual

2.2 Installation Steps

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical damage.
2. **Remove Original Unit:** Carefully remove the existing car radio and trim panels from your Audi A4/S4

dashboard. Refer to your vehicle's service manual for specific instructions on panel removal.

3. **Connect Wiring:** Connect the provided plug-and-play wiring harness to the vehicle's factory harness. Ensure all connections are secure. Connect the GPS antenna and any other external accessories (e.g., USB cables, external microphone).
4. **Install Head Unit:** Mount the MekedeTech head unit into the dashboard using the provided frame kit. Secure it firmly.
5. **Reconnect Battery:** Reconnect the vehicle's battery.
6. **Initial Power-On:** Turn on the vehicle's ignition and power on the head unit. Follow any on-screen prompts for initial setup.



Image: Comparison of the Audi A4 dashboard before and after the installation of the MekedeTech Android car stereo, showing the integrated display.

2.3 Cooling Fan Setup

The unit includes a cooling fan to manage internal temperatures during extended use. Ensure the cooling fan is properly connected and configured.

1. **Connect Fan:** Locate the cooling fan connector on the back of the head unit and ensure it is securely plugged

in.

2. **Software Configuration:** Access the device settings. Navigate to 'Device' > 'Sound' or 'Factory Settings' (password may be required, consult support if unknown) to ensure the cooling fan function is enabled.

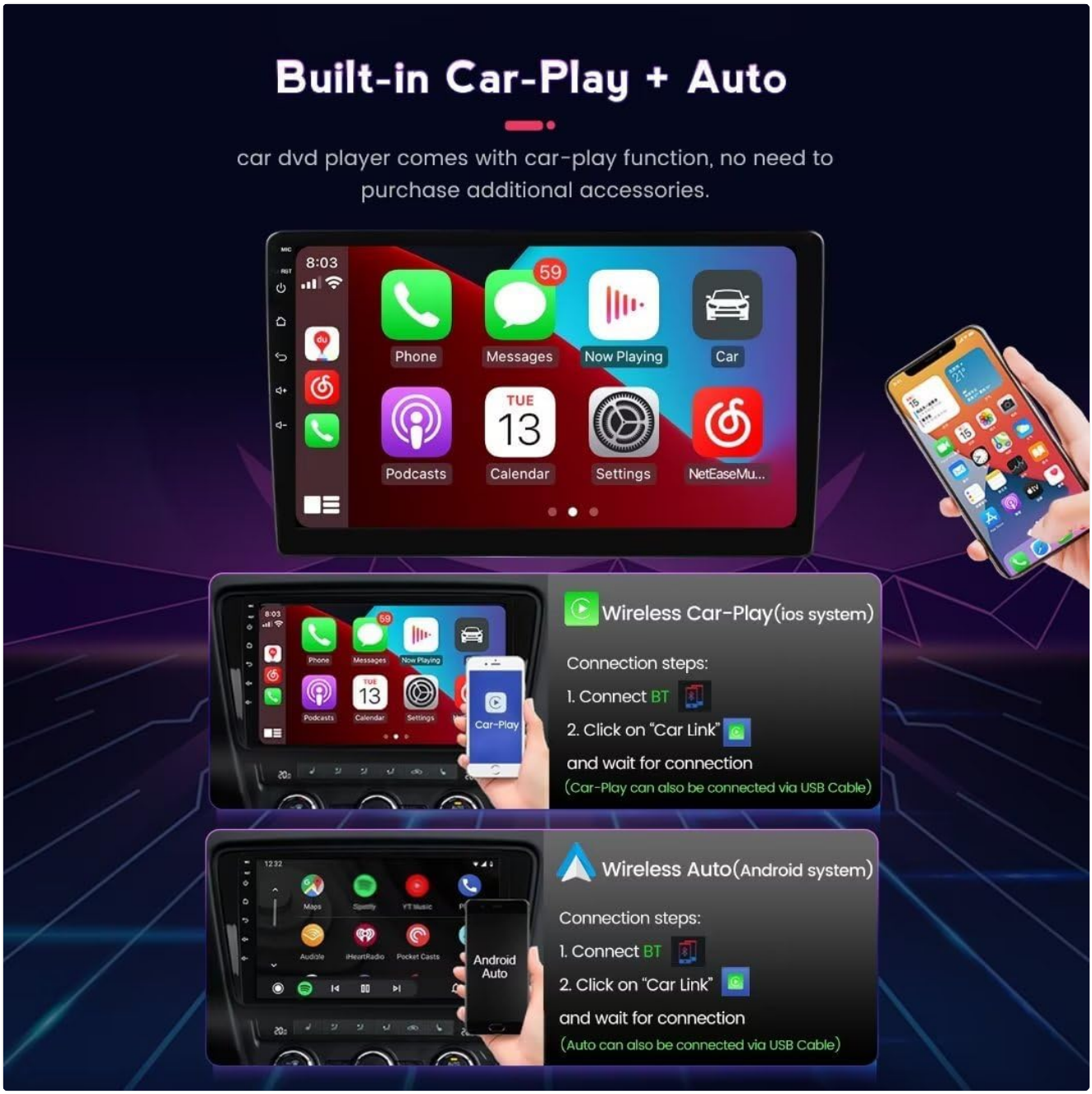


Image: Visual guide detailing the physical connection of the cooling fan and the corresponding software settings to activate it, illustrating temperature regulation.

3. Operating Instructions

This section covers the basic operation of your MekedeTech Android Car Radio Stereo.

3.1 Touch Screen Interface

The unit features a 9-inch 1280x720 IPS touch screen. Navigate through menus and applications by tapping, swiping, and pinching gestures, similar to a smartphone or tablet.



Image: The main display of the MekedeTech Android car stereo, featuring a split-screen view with GPS navigation on one side and media controls and application shortcuts on the other.

3.2 Wireless CarPlay and Android Auto

The unit supports wireless CarPlay for iOS devices and wired Android Auto for Android devices, allowing seamless integration of your smartphone's features.

1. **Wireless CarPlay (iOS):**
    - Enable Bluetooth on your iPhone and pair it with the head unit.
    - Open the 'Car Link' or 'CarPlay' application on the head unit.
    - Confirm the connection on your iPhone.
2. **Wired Android Auto (Android):**
    - Ensure Android Auto is installed on your Android phone.
    - Connect your Android phone to the head unit via a USB cable.
    - Follow the on-screen prompts to initiate Android Auto.

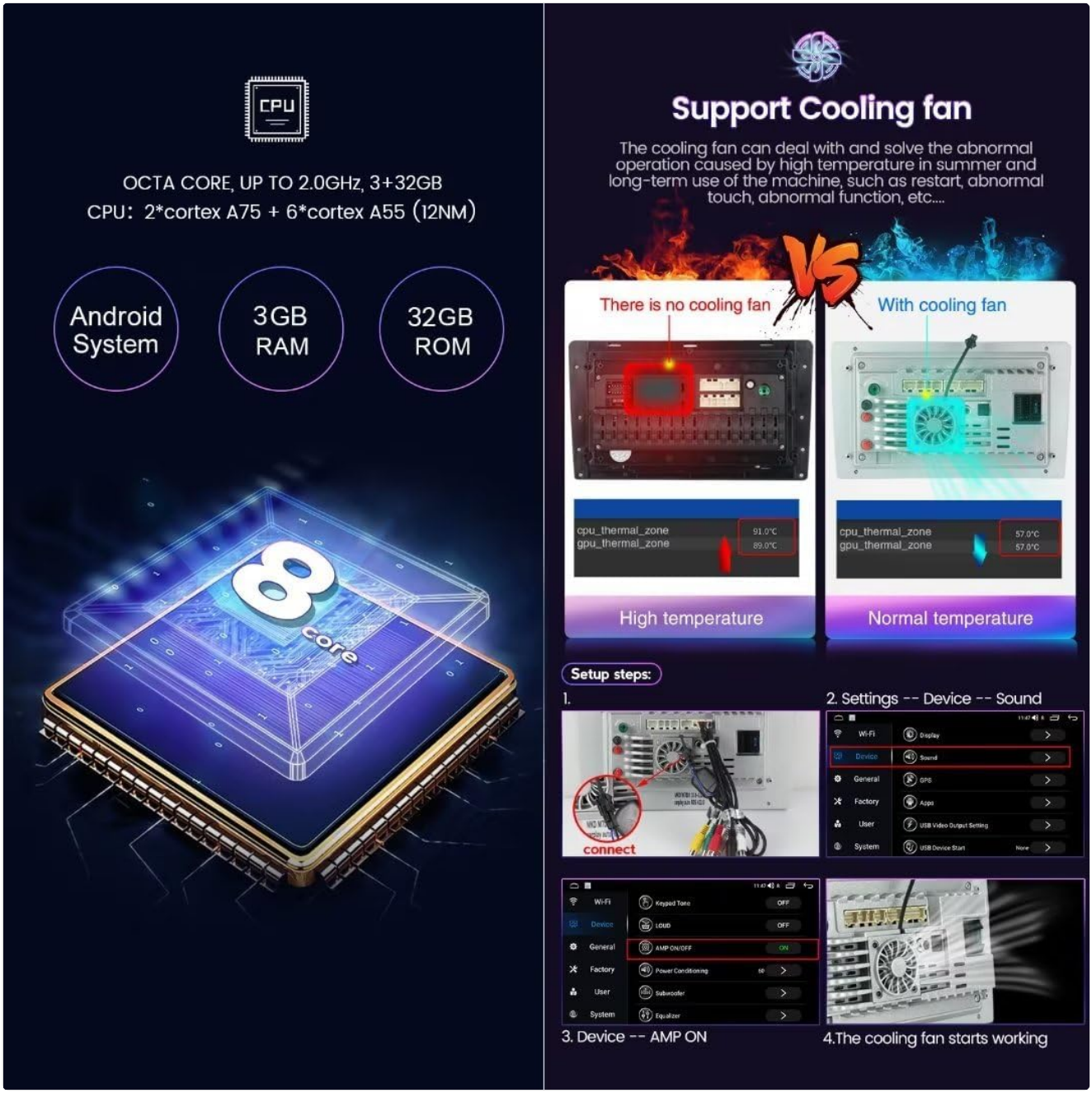


Image: A visual guide illustrating the connection steps for both Wireless CarPlay (iOS) and Wired Android Auto (Android) on the car stereo display, showing the respective interfaces.

3.3 GPS Navigation

The unit comes with built-in GPS navigation and supports various mapping applications. Ensure the GPS antenna is properly installed for accurate positioning.

3.4 4G LTE and Wi-Fi Connectivity

The head unit supports 4G LTE connectivity via a SIM card and Wi-Fi for internet access.

- **4G LTE:** Insert a compatible 4G SIM card into the designated slot. The unit will automatically connect to the cellular network.
- **Wi-Fi:** Navigate to 'Settings' > 'Network & Internet' > 'Wi-Fi' to connect to available Wi-Fi networks or use your phone's hotspot.



Image: An illustration highlighting the built-in 4G LTE functionality with a SIM card slot and the integrated DSP (Digital Signal Processor) for enhanced audio quality.

3.5 Steering Wheel Controls

The unit retains the original steering wheel control functions, allowing you to adjust volume, change tracks, and manage calls without taking your hands off the wheel.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with a screen cleaner (not abrasive chemicals) to clean the touch screen.
- **Software Updates:** Periodically check for software updates through the unit's settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Cooling System:** Ensure the cooling fan is free from obstructions to maintain proper airflow and prevent overheating.

5. Troubleshooting

This section addresses common issues you might encounter with your MekedeTech car stereo.

5.1 No Power

- Check all power connections and fuses.
- Ensure the vehicle's battery is properly connected and charged.

5.2 No Sound

- Verify volume settings are not muted or set too low.
- Check speaker connections.
- Ensure the correct audio source is selected.

5.3 GPS Signal Issues

- Ensure the GPS antenna is properly installed and has a clear view of the sky.
- Check GPS settings within the unit to ensure it is enabled.

5.4 Connectivity Problems (Wi-Fi/4G/Bluetooth)

- **Wi-Fi:** Verify Wi-Fi is enabled and you are connecting to the correct network with the correct password.
- **4G LTE:** Ensure the SIM card is correctly inserted and active with a data plan. Check network coverage in your area.
- **Bluetooth:** Ensure Bluetooth is enabled on both the head unit and your device, and that they are paired correctly.

5.5 Touch Screen Unresponsive

- Perform a soft reset by pressing the reset button (if available) or by turning the vehicle's ignition off and on.
- Ensure the screen is clean and free from debris.

6. Specifications

Key technical specifications for the MekedeTech Android Car Radio Stereo (Model: 8-Core 4+32G):

Feature	Specification
Operating System	Android 13 OS
CPU	8-Core A53 1.8GHz
Memory	4GB RAM + 32GB ROM
Display Size	9 Inches
Display Resolution	1280x720 IPS
Touch Screen Type	Capacitive
Power Output	4*50W

Feature	Specification
Connectivity	4G LTE, Wi-Fi, Bluetooth 5.0
Special Features	Wireless CarPlay, Wired Android Auto, Built-in GPS, DSP Sound System
Audio Formats	APE/FLAC/WAV/MP3/WMA etc.
Video Formats	MKV/RMVB/AVI/MP4/MDV etc.
Picture Formats	PNG/JPEG/JPG/GIF/WBMP/BNP etc.

7. Warranty Information

This MekedeTech product comes with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.
Please retain your proof of purchase for warranty claims.

8. Support

For further assistance, technical support, or warranty inquiries, please contact MekedeTech customer service through the retailer where the product was purchased or visit the official MekedeTech website for contact information and support resources.

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.

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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.

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