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MekedeTech 8-Core 8+128G

MekedeTech Android Car Radio Stereo for Alfa Romeo 159 (Pre-2008) User Manual

Model: 8-Core 8+128G | Brand: MekedeTech

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your MekedeTech Android Car Radio Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is specifically designed for Alfa Romeo 159 models manufactured before 2008.

SETUP AND INSTALLATION

1. Package Contents and Compatibility

Verify that all accessories required for installation are included, such as the dash kit, power cable, RCA cable, reversing camera cable, and USB cables. This unit is a plug-and-play solution for compatible vehicles.

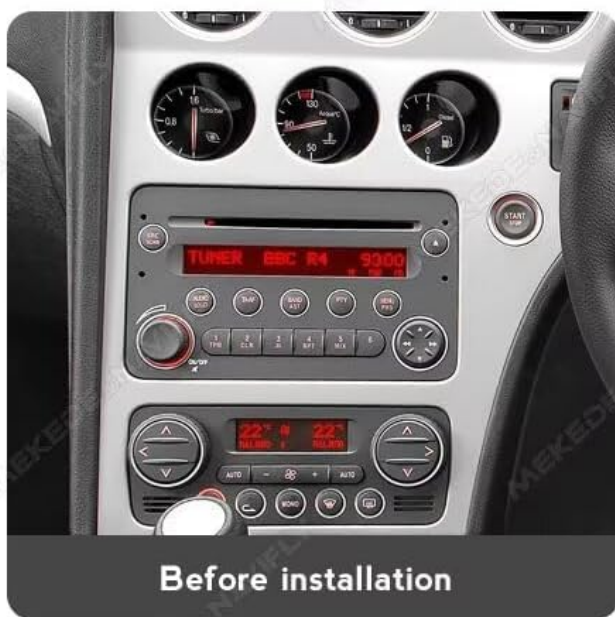


Image: Comparison of the car dashboard before and after the installation of the MektecTech Android Car Radio Stereo, showing the integrated display.

Before installation, confirm your vehicle's dashboard opening size matches the unit's dimensions: 193mm x 116mm. Incompatible dimensions may prevent proper fitment.

Note: when you do the order before, please confirm your dashboard size is same our unit 193mm*116mm, if not same this size, please don't buy.



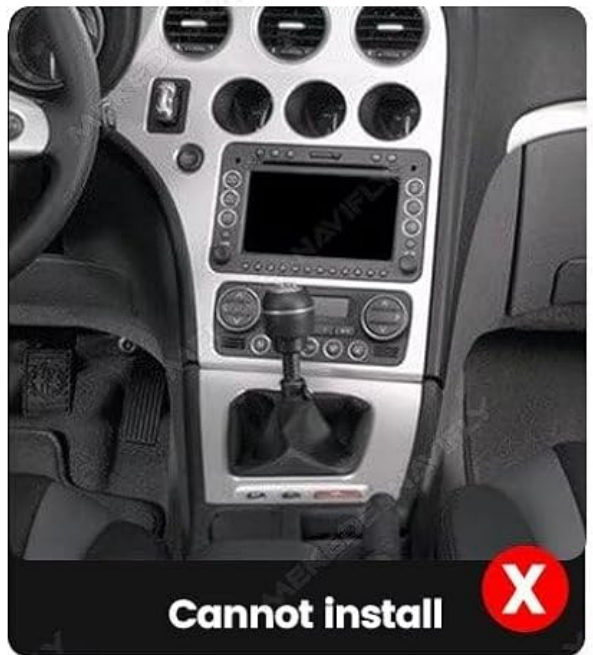


Image: Visual guide for checking dashboard dimensions (193mm x 116mm) and compatibility with various Alfa Romeo 159 models (159, Sportwagon, Spider). Examples of compatible and incompatible dashboard layouts are shown.

2. Cooling Fan Setup

The unit includes a cooling fan designed to manage high temperatures during extended use, preventing performance issues. Ensure the cooling fan is properly connected and functional during installation.

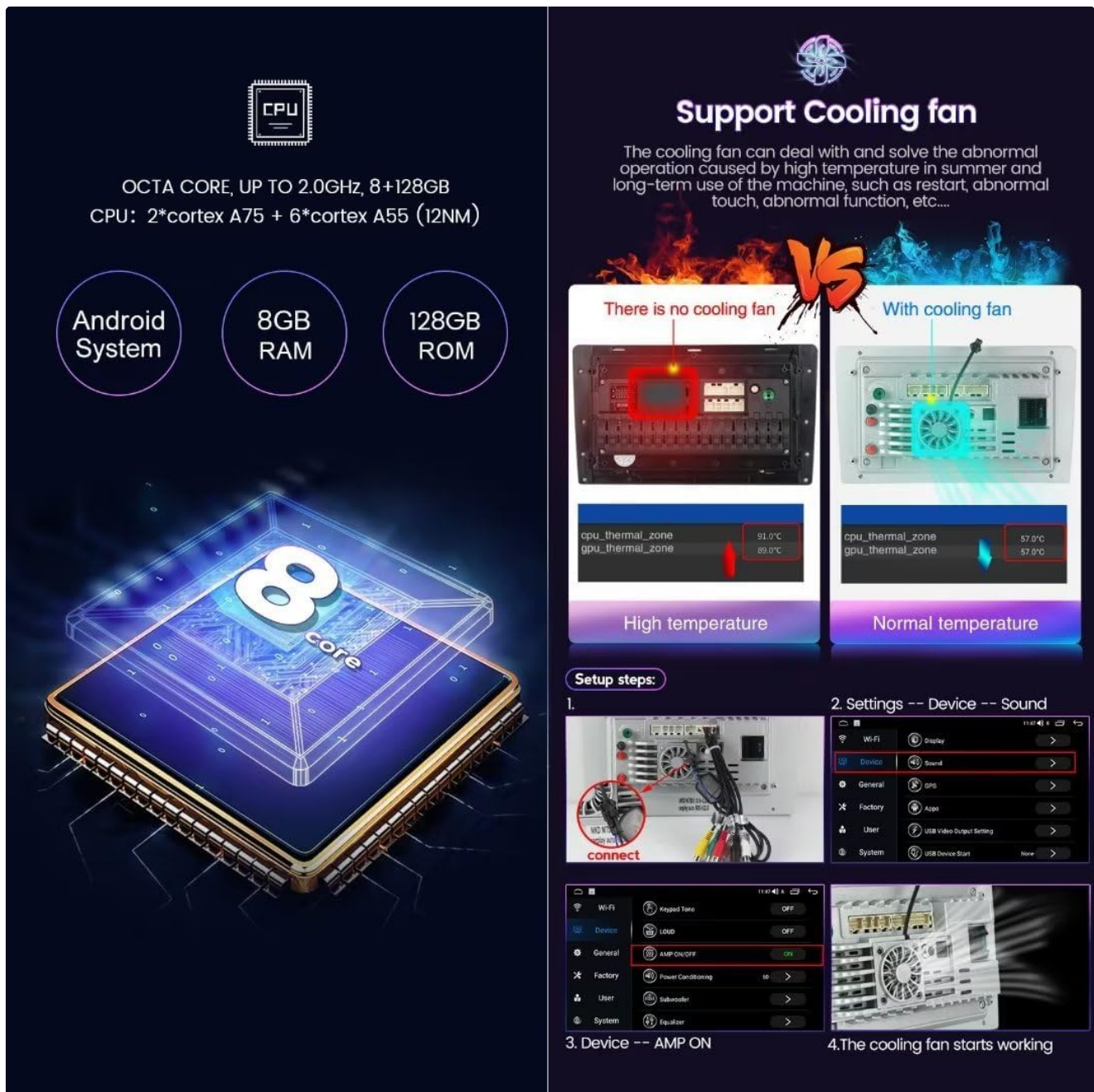


Image: An illustration detailing the unit's internal components (Octa-core CPU, 8GB RAM, 128GB ROM), the function of the cooling fan in temperature regulation, and a four-step setup process for activating the cooling fan.

Cooling Fan Activation Steps:

1. Connect the cooling fan cable.
2. Navigate to Settings > Device > Sound.
3. Select "Device" and ensure "AMP ON" is enabled.
4. The cooling fan will start automatically when needed.

3. 4G SIM Card Installation

The unit supports 4G LTE connectivity. Insert a 4G SIM card into the designated slot to access the internet without relying on a Wi-Fi hotspot.

Built-in 4G Lte and WIFI

The built-in 4G module allows you to connect to the cellular network almost anywhere, anytime. No need to open your cellular hotspot connection every time.



4G SIM card slot

The machine includes two SIM card slots, one on the back of the main unit and one on the RCA cable.



External SIM card slot

Support DSP Processor

Increase DSP digital audio processing module multi-dimensional surround lossless sound effects, enjoy high-definition audio-visual feast!



Image: A visual representation of the built-in 4G LTE module and SIM card slot, indicating two SIM card slots (one on the back of the main unit, one on the RCA cable). Also highlights the DSP processor for enhanced audio quality.

The machine includes two SIM card slots: one on the back of the main unit and one on the RCA cable. Use the external SIM card slot for easier access.

OPERATING INSTRUCTIONS

1. Basic Operation

The unit runs on Android 12 OS, providing a familiar and intuitive touch screen interface. Navigate through menus and applications using the 9-inch IPS touch screen with 1280x720 resolution.

- **Power On/Off:** Press and hold the power button.
- **Volume Control:** Adjust using the physical buttons or on-screen controls.

- **Steering Wheel Control:** The unit supports original steering wheel control functions, allowing you to switch songs, channels, and adjust volume without removing your hands from the steering wheel.

2. Wireless CarPlay and Android Auto

The unit features built-in wireless CarPlay and wired Android Auto for seamless smartphone integration.

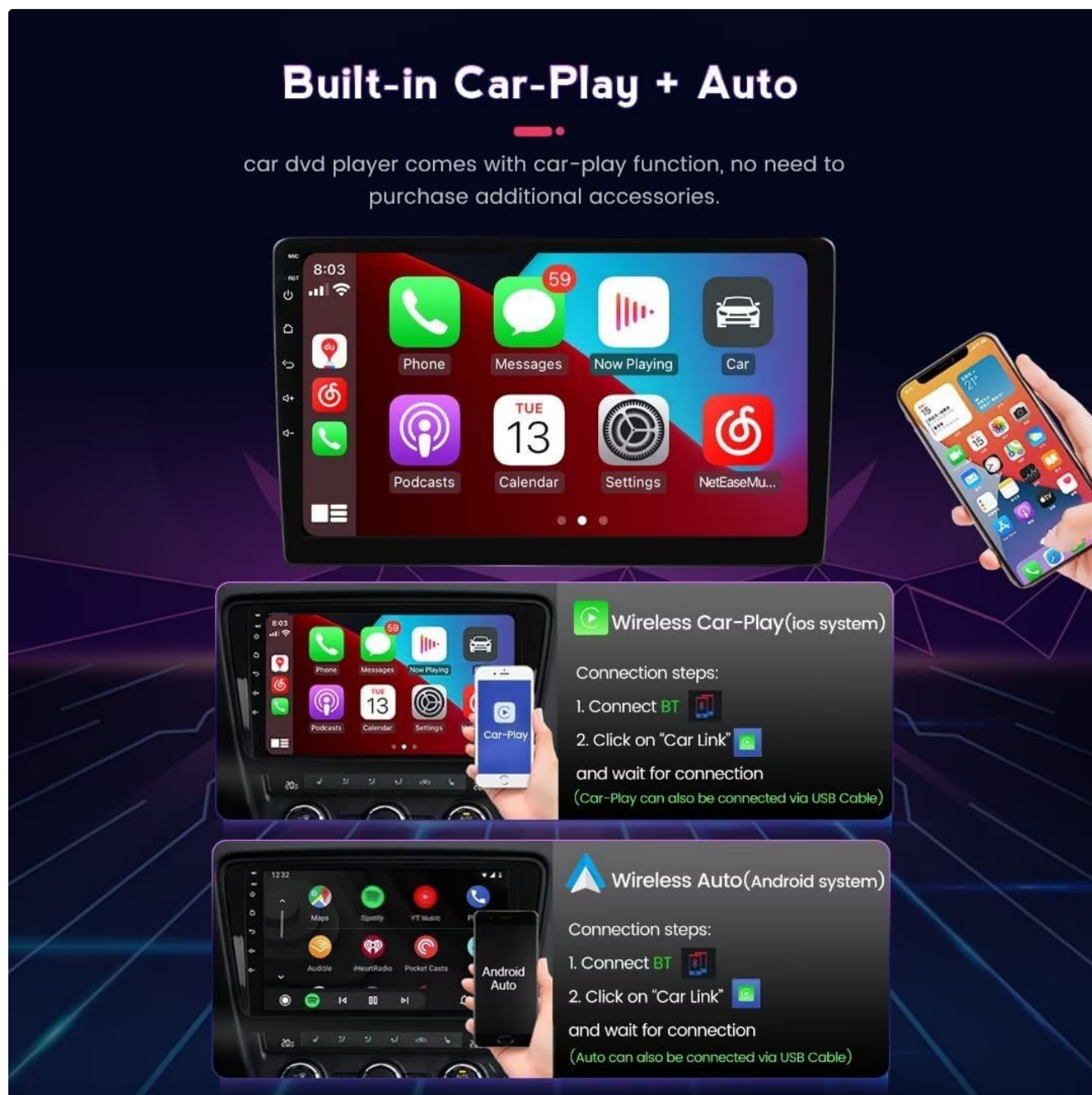


Image: Visual guide showing the user interface for CarPlay and Android Auto, along with step-by-step instructions for connecting both wireless CarPlay (iOS system) and wireless Android Auto (Android system) via Bluetooth and the "Car Link" application.

Wireless CarPlay (iOS System) Connection Steps:

1. Connect Bluetooth.
2. Click on "Car Link" application.
3. Wait for connection. (CarPlay can also be connected via USB Cable).

Wireless Android Auto (Android System) Connection Steps:

1. Connect Bluetooth.
2. Click on "Car Link" application.

3. Wait for connection. (Android Auto can also be connected via USB Cable).

3. Internet Connectivity (4G LTE & WiFi)

Access the internet using either a 4G SIM card or by connecting to a Wi-Fi hotspot.

- **4G LTE:** Insert a 4G SIM card into the designated slot. The unit will automatically connect to the cellular network.
- **Wi-Fi:** Go to Settings > Network & Internet > Wi-Fi, then select your desired network and enter the password.

4. GPS Navigation

The unit has built-in GPS navigation. Access pre-installed maps or download your preferred navigation applications from the Google Play Store.

5. Bluetooth 5.0

Connect your smartphone via Bluetooth 5.0 for hands-free calls and audio streaming. Pair your device through the Bluetooth settings menu on the head unit.

6. DSP Sound System

The built-in DSP (Digital Signal Processor) provides enhanced audio quality. Adjust sound settings, equalizer, and other audio parameters through the sound settings menu to customize your listening experience.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates in the settings menu to ensure optimal performance and access to new features.
- **Cooling System:** Ensure the cooling fan vents are not obstructed to maintain proper airflow and prevent overheating.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

TROUBLESHOOTING

If you encounter issues with your MekedeTech car stereo, refer to the following common solutions:

- **No Power:**
 - Check all power connections and fuses.
 - Ensure the car's ignition is on.
- **No Sound:**

- Verify volume levels are not muted or set too low.
 - Check speaker connections.
 - Ensure the "AMP ON" setting is enabled (refer to Cooling Fan Setup, step 3).
- **Touch Screen Unresponsive:**
 - Restart the unit.
 - Ensure the screen is clean and free of debris.
- **GPS Signal Loss:**
 - Ensure the GPS antenna is properly installed and has a clear view of the sky.
 - Check GPS settings in the system.
- **CarPlay/Android Auto Connection Issues:**
 - Ensure Bluetooth is enabled on both the unit and your smartphone.
 - Verify the "Car Link" app is running.
 - Try connecting via USB cable if wireless connection fails.
 - Restart both the head unit and your smartphone.
- **4G LTE Not Working:**
 - Ensure the 4G SIM card is correctly inserted.
 - Check your SIM card's data plan and activation status.
 - Verify network settings in the unit.

For persistent issues, contact MekedeTech customer support.

SPECIFICATIONS

System	Android 12 OS
CPU	8-Core A53 1.8GHz
Memory	8GB RAM, 128GB ROM
Display Size	9 Inches
Display Resolution	1280 x 720 (HD IPS Touch Screen)
Power Output	4 * 50W
Connectivity	Built-in 4G LTE, WiFi Module, Bluetooth 5.0
Special Features	Wireless CarPlay, Wired Android Auto, Built-in GPS Navigation, DSP Sound System, Steering Wheel Control Support
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.

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. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact MekedeTech customer support. You may also visit the official MekedeTech store on Amazon for additional resources and contact information.

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