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

MekedeTech 8-Core 8+256G

MekedeTech Android Car Radio Stereo GPS Navigation System User Manual

Model: 8-Core 8+256G | Compatible with Subaru Outback 3 & Legacy 4 (2003-2009)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MekedeTech Android Car Radio Stereo GPS Navigation System. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the device.



Figure 1.1: MekedeTech Android Car Radio Stereo GPS Navigation System. This image displays the front view of the head unit, showcasing its 9-inch touchscreen interface with various applications and a map displayed.

2. Product Overview

The MekedeTech Android Car Radio Stereo is designed to upgrade your vehicle's infotainment system. It features a high-resolution touchscreen, advanced processing capabilities, and extensive connectivity options.

Key Features:

- Android 13 Operating System
- 8-Core A53 1.8GHz CPU with 8GB RAM and 256GB ROM
- 9-inch IPS Touch Screen with 1280x720 resolution
- Built-in Wireless CarPlay and Wired Android Auto
- Integrated 4G LTE and WiFi module
- Built-in GPS Navigation with pre-installed maps
- Support for original steering wheel controls
- DSP Sound System for enhanced audio quality
- Bluetooth 5.0 for hands-free calls and audio streaming

3. Setup and Installation

This unit is designed for a plug-and-play installation in Subaru Outback 3 and Legacy 4 models manufactured between 2003 and 2009. All necessary accessories for installation are included.

Included Accessories:

- Dash Kit
- Power Cable
- RCA Cable
- Reversing Camera Cable
- USB Cables

Installation Steps:

1. Carefully remove the original car radio and dashboard trim.
2. Connect the provided power cable, RCA cable, and other necessary wiring to the new head unit and the vehicle's harness.
3. Integrate the dash kit to ensure a seamless fit into your vehicle's dashboard.
4. Secure the new head unit in place.
5. Reconnect the vehicle's battery and test the unit's functionality.



Figure 3.1: Installation Comparison. This image shows a split view of a car's dashboard, illustrating the appearance before and after the installation of the MekedeTech Android Car Radio Stereo.

Cooling Fan Setup:

The unit includes a cooling fan to manage internal temperatures, especially during prolonged use or in warm environments. Ensure the cooling fan is properly connected during installation.

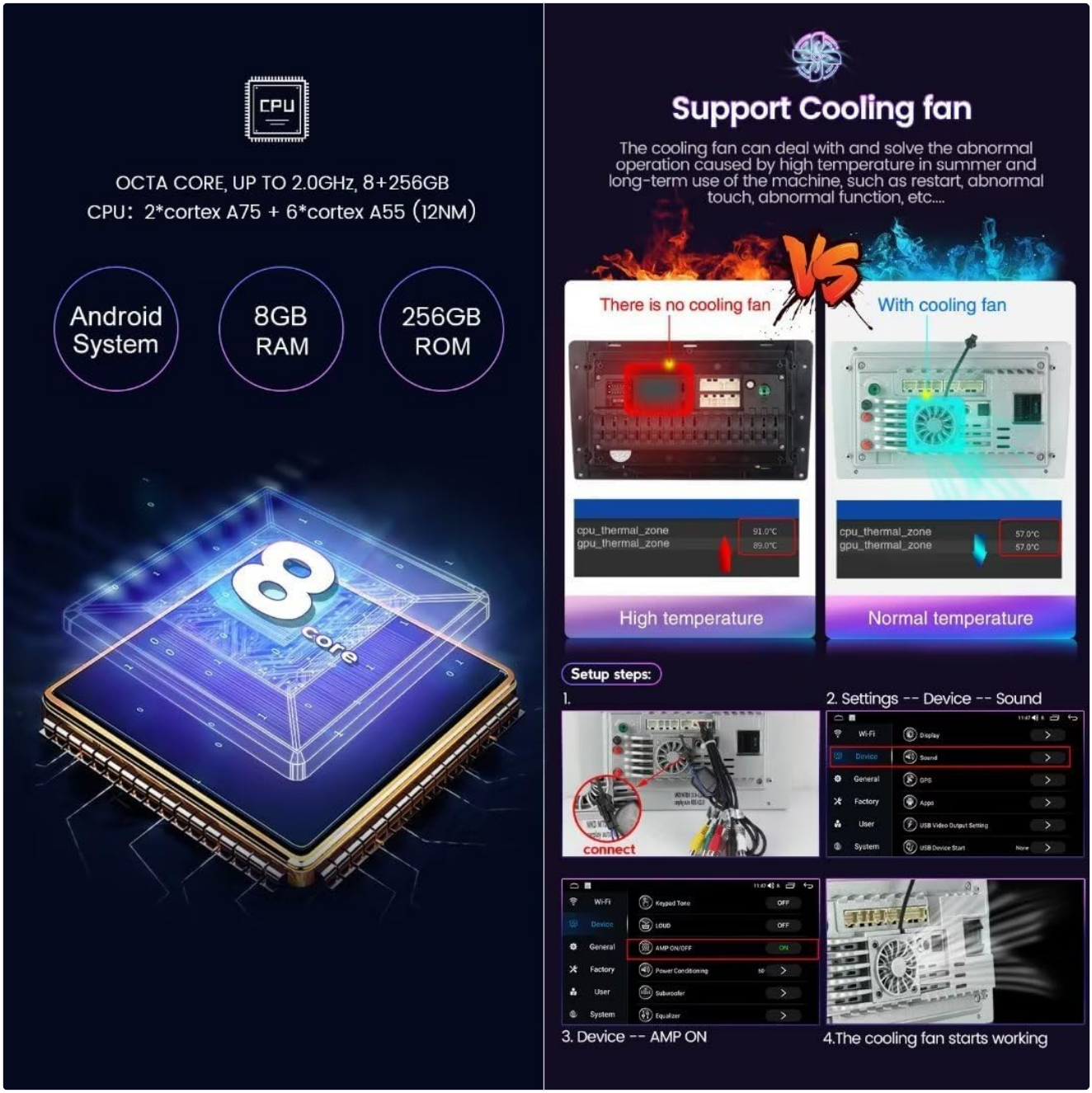


Figure 3.2: Cooling Fan and System Settings. This image illustrates the internal components of the head unit, highlighting the cooling fan, and provides a visual guide to accessing system settings for fan control.

4. Operating Instructions

The MekedeTech head unit operates on Android 13, providing a familiar and intuitive user interface.

Touch Screen Operation:

Navigate the system using the responsive 9-inch IPS touch screen. Tap icons to open applications, swipe to scroll, and use pinch-to-zoom gestures where applicable.

Steering Wheel Controls:

The unit supports your vehicle's original steering wheel controls. This allows you to adjust volume, change tracks, and manage calls without removing your hands from the steering wheel, enhancing safety and convenience.

DSP Sound System:

The built-in Digital Signal Processor (DSP) enhances audio output, providing a customizable and high-quality sound experience. Access audio settings through the system menu to adjust equalizer presets and sound profiles.

5. Connectivity

5.1. 4G LTE and WiFi

The head unit features built-in 4G LTE and WiFi capabilities. Insert a 4G SIM card into the designated slot for mobile data access, or connect to a WiFi hotspot for internet connectivity.



Figure 5.1: 4G LTE and WiFi Connectivity. This image displays the internal components of the head unit, highlighting the 4G SIM card slot and the DSP processor, illustrating the unit's connectivity and audio processing capabilities.

5.2. Bluetooth 5.0

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

5.3. Wireless CarPlay and Android Auto

Enjoy seamless integration with your smartphone using Wireless CarPlay (for iOS devices) and Wired Android Auto (for Android devices). This allows access to navigation, music, messages, and other apps directly from the head unit's screen.

Wireless CarPlay (iOS System) Connection Steps:

1. Enable Bluetooth on your iPhone and the head unit.
2. Connect to the head unit's Bluetooth.
3. Open the 'Car Link' application on the head unit and wait for connection.

Wireless Android Auto (Android System) Connection Steps:

1. Enable Bluetooth on your Android phone and the head unit.
2. Connect to the head unit's Bluetooth.
3. Open the 'Car Link' application on the head unit and wait for connection. (Android Auto can also be connected via USB cable).

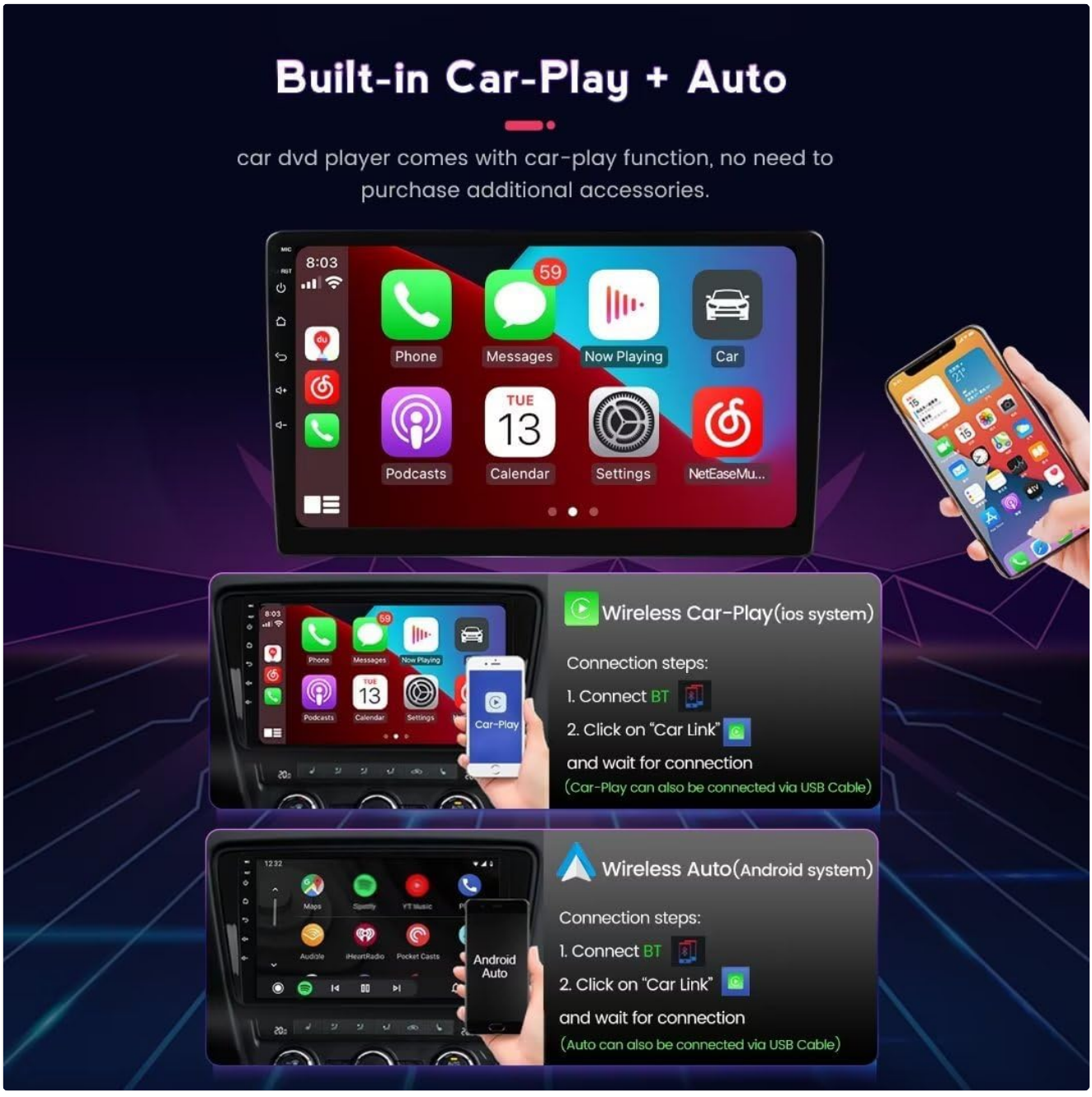


Figure 5.2: CarPlay and Android Auto Interface. This image displays the user interface for both Wireless CarPlay and Android Auto, along with visual steps for connecting iOS and Android devices.

6. Navigation

The unit comes with built-in GPS navigation and pre-installed maps, allowing for turn-by-turn directions and route planning without requiring a smartphone connection. Access the navigation application from the main menu.

7. Audio and Video Features

Supported Audio Formats:

- APE
- FLAC
- WAV
- MP3
- WMA

Supported Video Formats:

- MKV
- RMVB
- AVI
- MP4
- MDV

8. Maintenance

To ensure the longevity and optimal performance of your MekedeTech head unit, follow these general maintenance guidelines:

- Regularly clean the touchscreen with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the unit free from dust and debris.
- Ensure proper ventilation around the unit to prevent overheating.
- Periodically check for software updates to ensure the system runs efficiently and securely.

9. Troubleshooting

If you encounter issues with your MekedeTech head unit, consider the following basic troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and audio settings. Ensure the correct audio source is selected.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to system settings).
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Connectivity Problems (Bluetooth/WiFi/4G):** Check network settings, ensure devices are discoverable, and verify SIM card insertion for 4G.

For persistent issues, contact customer support.

10. Specifications

Feature	Specification
Operating System	Android 13
CPU	8-Core A53 1.8GHz
Memory	8GB RAM, 256GB ROM
Screen Size	9 Inches
Display Resolution	1280x720
Touch Screen Type	Capacitive
Power Output	4*50W
Connectivity	4G LTE, WiFi, Bluetooth 5.0, Wireless CarPlay, Wired Android Auto
Map Type	Worldwide
Human Interface Input	Buttons, Keyboard, Mouse, Touchscreen

11. Warranty and Support

Your MekedeTech Android Car Radio Stereo GPS Navigation System comes with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or further assistance, please refer to the contact information provided with your purchase or visit the official MekedeTech store online.

Manufacturer: Shenzhen Mekede Technology Co.,Ltd

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/B0CRDXR996

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