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MekedeTech 8-Core 8+128G

MekedeTech Android Car Radio Stereo GPS Navigation System for Toyota Verso (2009-2018) - User Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech Android Car Radio Stereo GPS Navigation system. This unit is specifically designed for Toyota Verso models manufactured between 2009 and 2018, offering an upgraded in-car entertainment and navigation experience. It features an Android 13 operating system, an 8-core CPU, 8GB RAM, 128GB ROM, a 9-inch 1280x720 IPS touch screen, built-in 4G LTE, Wireless CarPlay, and Android Auto.

1. Setup and Installation

The MekedeTech Android Car Radio is designed for a plug-and-play installation in compatible Toyota Verso vehicles (2009-2018). All necessary accessories for installation, including the dash kit, power cable, RCA cable, reversing camera cable, and USB cables, are included.

1.1 Package Contents

- MekedeTech Android Head Unit
- Vehicle-specific Dash Kit
- Power Cable Harness
- RCA Cables
- Reversing Camera Cable
- USB Cables
- GPS Antenna
- 4G LTE Antenna

1.2 Installation Overview

Before beginning installation, ensure the vehicle's battery is disconnected. Carefully remove the original car radio and dashboard trim. Connect the provided wiring harness to the vehicle's existing wiring and the new head unit. Secure the new unit in place using the dash kit.



Image 1.2.1: Visual comparison showing the car dashboard before and after the MekedeTech Android Car Radio installation. The 'Before installation' image displays the original car radio, while the 'After installation' image shows the new Android head unit seamlessly integrated into the dashboard, displaying a modern interface with various app icons.

1.3 Cooling Fan Integration

The unit includes a cooling fan designed to manage internal temperatures, especially during prolonged use or in warm environments. Proper installation of the cooling fan helps maintain optimal performance and longevity of the device.

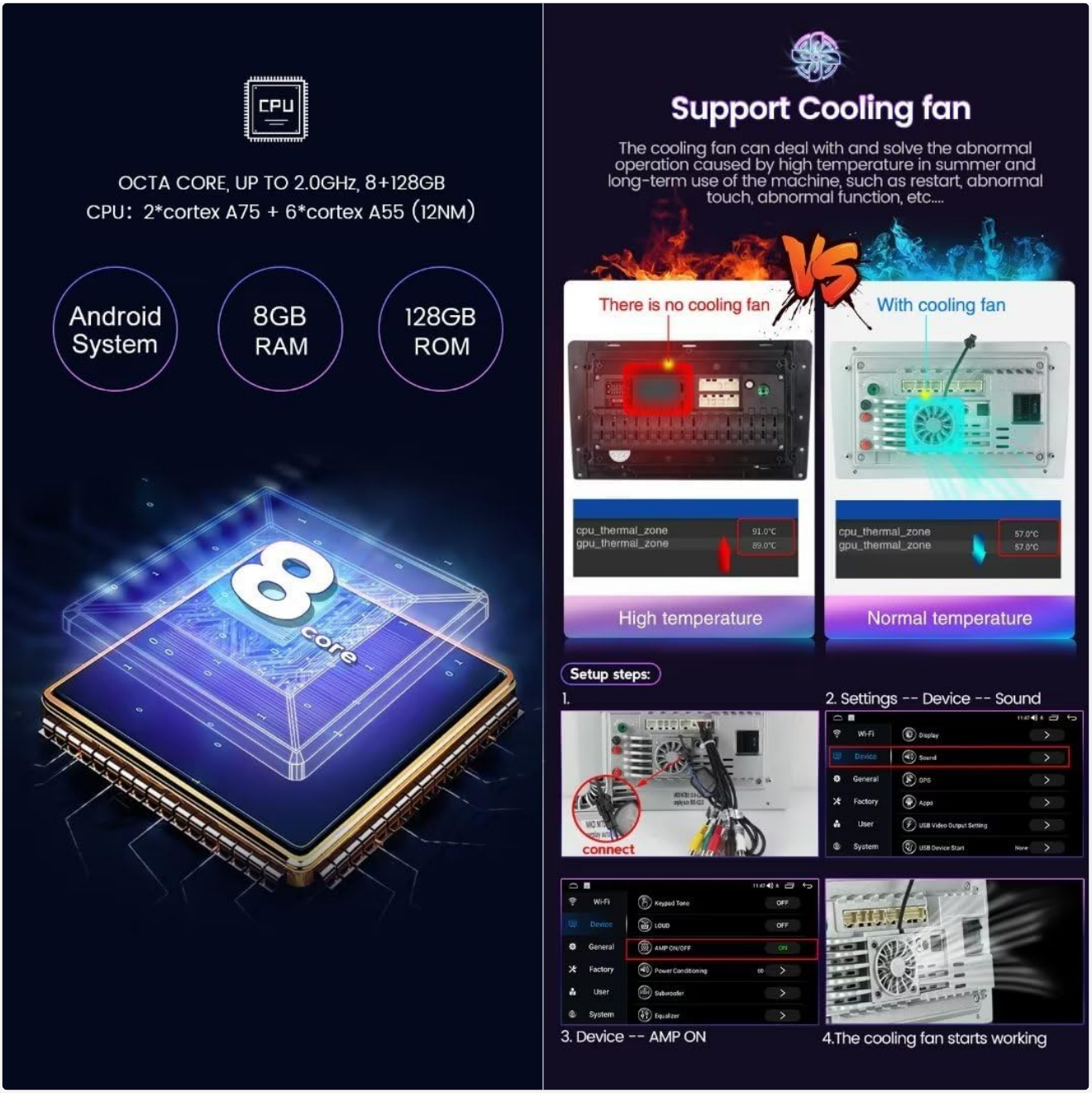


Image 1.3.1: This image details the internal components, including the Octa-Core CPU, 8GB RAM, and 128GB ROM. It also illustrates the cooling fan's function in preventing high temperatures and provides a four-step guide for connecting and activating the cooling fan within the system settings.

2. Operating Instructions

Once installed, power on the unit. The system will boot into the Android 13 operating system. The 9-inch IPS touch screen provides a responsive interface for all functions.

2.1 Wireless CarPlay and Android Auto

The unit supports both Wireless CarPlay (for iOS devices) and Wired/Wireless Android Auto (for Android devices), allowing seamless integration of your smartphone for navigation, music, calls, and messaging.

2.1.1 Wireless CarPlay (iOS System) Connection Steps:

1. Connect your iPhone to the head unit via **Bluetooth**.

2. On the head unit, click on the "Car Link" application.
3. Wait for the connection to establish. CarPlay can also be connected via a USB cable.

2.1.2 Wireless Android Auto (Android System) Connection Steps:

1. Connect your Android phone to the head unit via**Bluetooth**.
2. On the head unit, click on the "Car Link" application.
3. Wait for the connection to establish. Android Auto can also be connected via a USB cable.

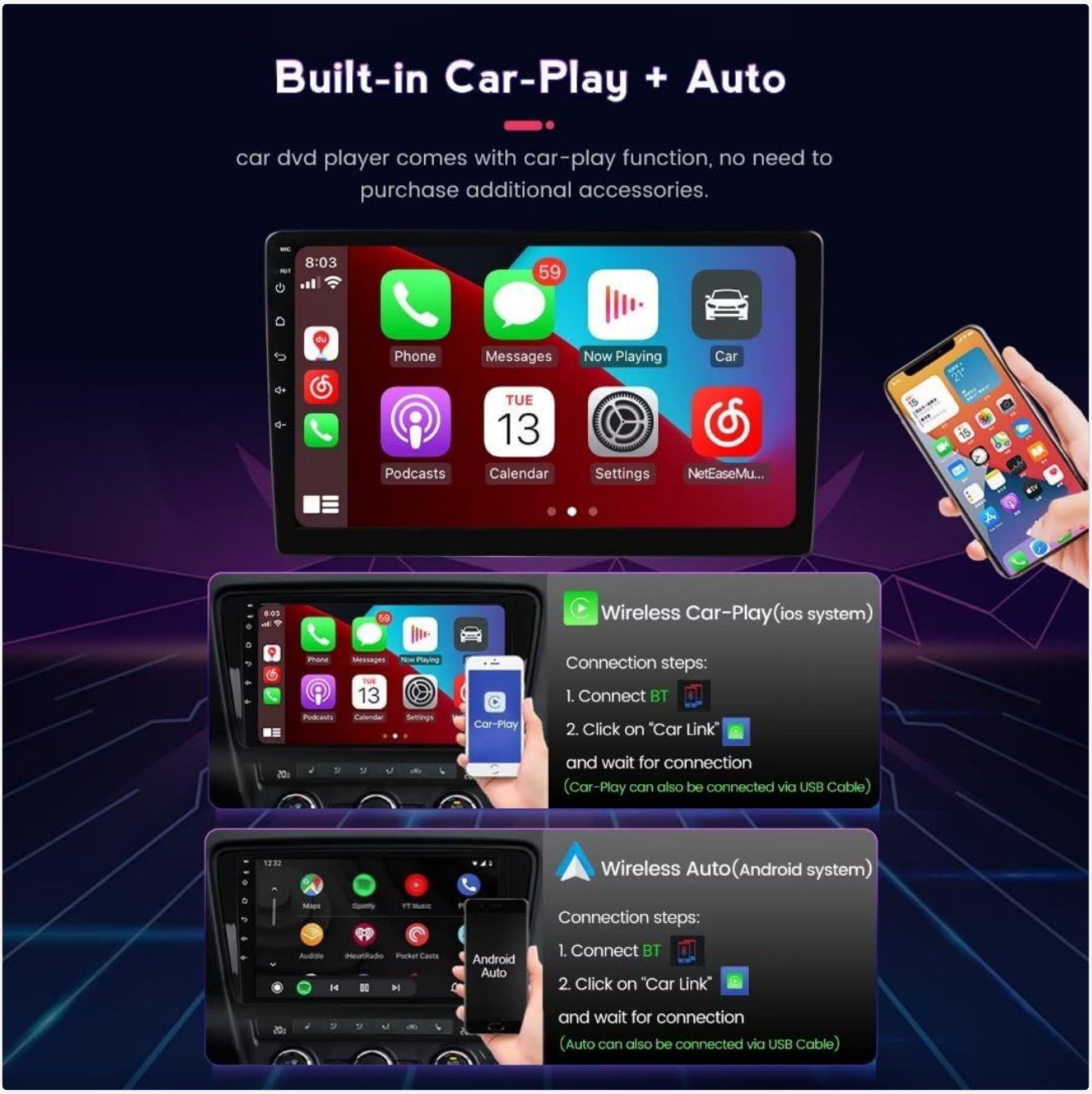


Image 2.1.3: This image displays the user interface for both Wireless CarPlay and Android Auto. It shows the main screen with various app icons and provides step-by-step instructions for connecting both iOS and Android devices to the head unit via Bluetooth and the 'Car Link' application.

2.2 Navigation and Connectivity

The unit features built-in GPS navigation with pre-installed maps. It also supports 4G LTE connectivity via a SIM card slot and Wi-Fi for internet access.

- **GPS Navigation:** Access navigation applications directly from the main screen.

- **4G LTE:** Insert a 4G SIM card into the designated slot to access mobile data. There are two SIM card slots: one on the back of the main unit and one on the RCA cable.
- **Wi-Fi:** Connect to available Wi-Fi networks or use your phone's hotspot for internet access.
- **Bluetooth 5.0:** Provides stable connections for hands-free calling and audio streaming.



Image 2.2.1: This image highlights the built-in 4G LTE and Wi-Fi capabilities, showing the location of the 4G SIM card slot. It also illustrates the Digital Sound Processor (DSP), emphasizing its role in providing multi-dimensional surround sound and high-definition audio-visual quality.

2.3 Audio and DSP

The integrated Digital Sound Processor (DSP) enhances audio quality, providing a multi-dimensional surround sound experience. The unit supports various audio formats including APE, FLAC, WAV, MP3, and WMA.

2.4 Steering Wheel Control

The unit retains original steering wheel control functionality, allowing you to easily switch songs, channels, and adjust volume without removing your hands from the steering wheel. This feature enhances convenience and driving safety.

3. Maintenance

Regular maintenance ensures the longevity and optimal performance of your car radio.

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system software updates to ensure you have the latest features and security patches. Updates can typically be found in the system settings menu.
- **Temperature Control:** The built-in cooling fan helps manage heat. Ensure proper ventilation around the unit.

4. Troubleshooting

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

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and audio output settings. Ensure the DSP is configured correctly.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **CarPlay/Android Auto Connection Issues:** Ensure Bluetooth is enabled on both the phone and the head unit. Try reconnecting or using a different USB cable for wired connections.
- **Slow Performance:** Close unnecessary background applications. Clear cache if available in system settings.

5. Specifications

Feature	Specification
System	Android 13 OS
CPU	8-Core A53 1.8GHz
Memory (RAM)	8GB
Storage (ROM)	128GB
Display Size	9 Inches
Display Resolution	1280x720 IPS Touch Screen
Power Output	4*50W
Connectivity	Built-in 4G LTE, Wi-Fi Module, Bluetooth 5.0
Navigation	Built-in GPS Navigation (Worldwide Map Type)
Smartphone Integration	Wireless CarPlay, Wired/Wireless Android Auto
Audio Features	Built-in DSP Sound System

Feature	Specification
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.
Human Interface Input	Buttons, Keyboard, Mouse, Touchscreen

6. Warranty Information

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

7. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact MekedeTech customer support. You may find contact information on the official MekedeTech website or through your original point of purchase.
Manufacturer: Shenzhen Mekede Technology Co.,Ltd

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