MekedeTech 8-Core 8+128G

MekedeTech Android Car Radio Stereo User Manual

For Honda City (2008-2013) - Model: 8-Core 8+128G

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MekedeTech Android Car Radio Stereo. This unit is specifically designed for Honda City models manufactured between 2008 and 2013. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Key Features:

- Android 12 Operating System
- 8-Core A53 1.8GHz CPU
- 8GB RAM + 128GB ROM
- 9-inch IPS Touch Screen (1280x720 resolution)
- Built-in Wireless CarPlay and Wired Android Auto
- Integrated 4G LTE and WiFi Module
- Built-in GPS Navigation
- DSP Sound System
- Bluetooth 5.0
- Steering Wheel Control Support

2. Package Contents

Before beginning installation, please verify that all components listed below are present in your package. If any items are missing or damaged, contact customer support.

- MekedeTech Android Head Unit
- Power Cable
- Microphone (MIC)
- GPS Antenna
- RCA Cable Set

- Reversing Camera Cable
- USB Cables (x3)
- 4G Antenna
- Audio Out Cable

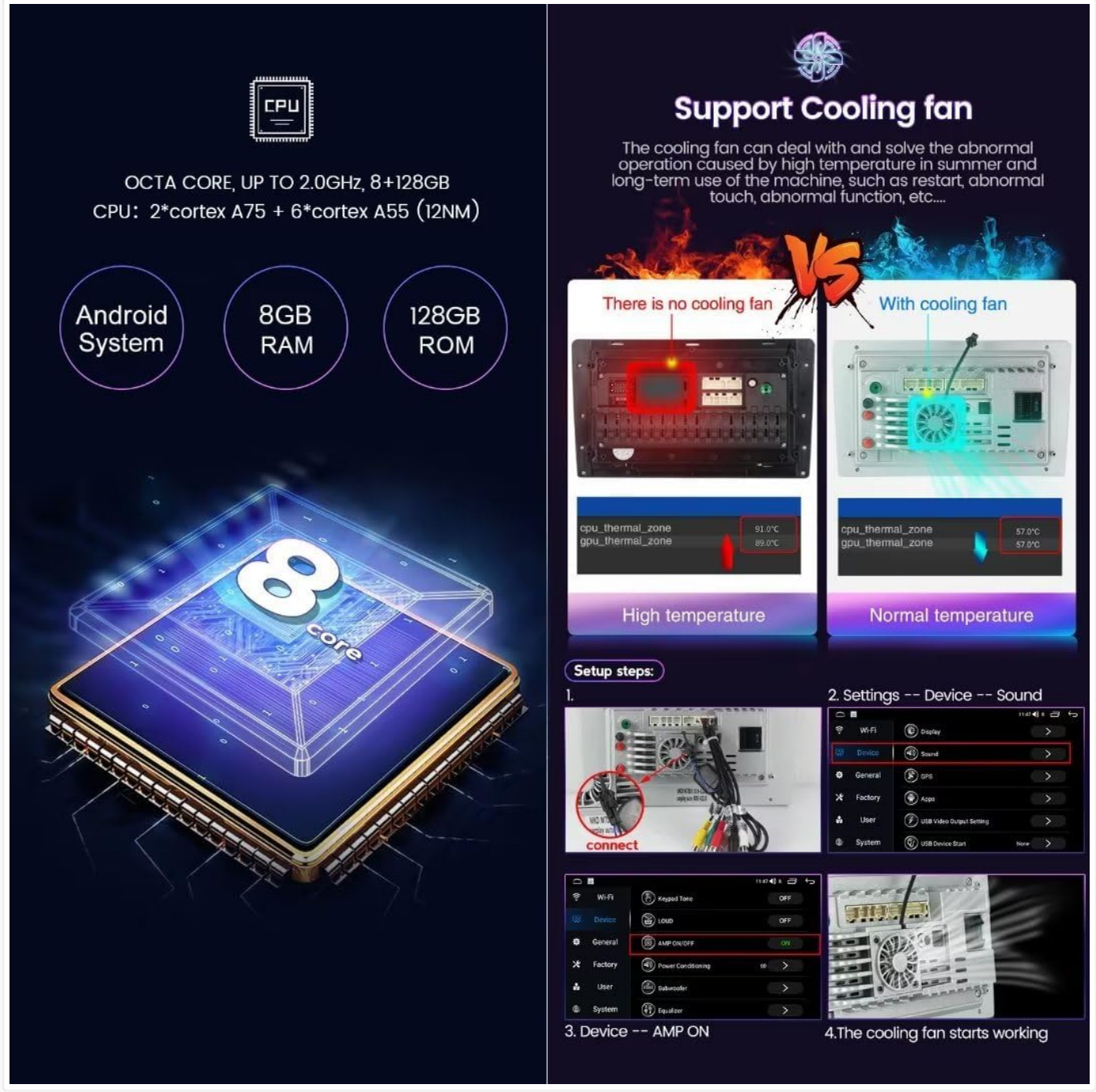


Figure 2.1: Package Contents. This image displays the main head unit, power cable, microphone, GPS antenna, RCA cables, reversing camera cable, three USB cables, 4G antenna, and audio out cable.

3. Installation Guide

The MekedeTech Android Car Radio Stereo is designed for plug-and-play installation in Honda City models from 2008 to 2013. Professional installation is recommended, but if you choose to install it yourself, follow these steps carefully.

3.1 Pre-Installation

1. Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shorts.

2. Carefully remove the existing car radio and dashboard trim. Refer to your vehicle's service manual for specific instructions on trim removal.



Figure 3.1: Before and After Installation. This image illustrates the visual transformation of the Honda City dashboard with the new MekedeTech head unit installed, replacing the original radio.

3.2 Connecting the Unit

1. Connect the main power cable harness from the new unit to the vehicle's wiring harness.
2. Connect the GPS antenna and position it in a location with a clear view of the sky (e.g., on the dashboard).
3. Connect the 4G antenna if you plan to use a SIM card for mobile data. Insert the 4G SIM card into the designated slot on the unit or via the external SIM card slot on the RCA cable.
4. Connect the microphone for hands-free calling.
5. Connect any additional accessories such as USB devices, reversing camera, or external amplifiers using the provided RCA and USB cables.
6. Ensure all connections are secure.



Figure 3.2: Installed Head Unit. This image shows the MekedeTech Android Car Radio Stereo seamlessly integrated into the Honda City dashboard after installation.

3.3 Cooling Fan Installation (If Applicable)

The unit supports an optional cooling fan to manage internal temperatures, especially during prolonged use or in hot climates. If your unit includes a cooling fan, follow these steps:

1. Connect the cooling fan cable to the designated port on the back of the head unit.
2. Access the unit's settings: **Settings > Device > Sound > AMP ON**
3. Ensure the AMP ON setting is enabled to activate the cooling fan.



Figure 3.3: Cooling Fan Setup. This diagram shows how to connect the cooling fan and activate it through the unit's settings (Settings > Device > Sound > AMP ON) to ensure optimal temperature regulation.

3.4 Final Steps

1. Carefully slide the head unit into the dashboard opening.
2. Reattach the dashboard trim.
3. Reconnect the vehicle battery.
4. Turn on the ignition and power on the unit to test its functionality.

4. Operating Instructions

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

4.1 Initial Power On and Setup

1. Upon first power-on, the unit will boot into the Android operating system.

2. Follow the on-screen prompts to set up language, time zone, and other initial preferences.



Figure 4.1: Android Interface. This image displays the main screen of the MekedeTech head unit, featuring the Android operating system with widgets for time, date, navigation, and quick access to applications like Netflix, Spotify, and YouTube.

4.2 Wireless CarPlay and Android Auto

The unit supports both Wireless CarPlay (for iOS devices) and Wireless Android Auto (for Android devices).

4.2.1 Wireless CarPlay (iOS System)

1. On the head unit, navigate to the Car-Play application.
2. On your iPhone, enable Bluetooth and connect to the head unit's Bluetooth signal.
3. Once connected via Bluetooth, select "Car Link" on the head unit.
4. Wait for the connection to establish. CarPlay can also be connected via a USB cable.

4.2.2 Wireless Android Auto (Android System)

1. On the head unit, navigate to the Android Auto application.
2. On your Android phone, enable Bluetooth and connect to the head unit's Bluetooth signal.
3. Once connected via Bluetooth, select "Car Link" on the head unit.

4. Wait for the connection to establish. Android Auto can also be connected via a USB cable.

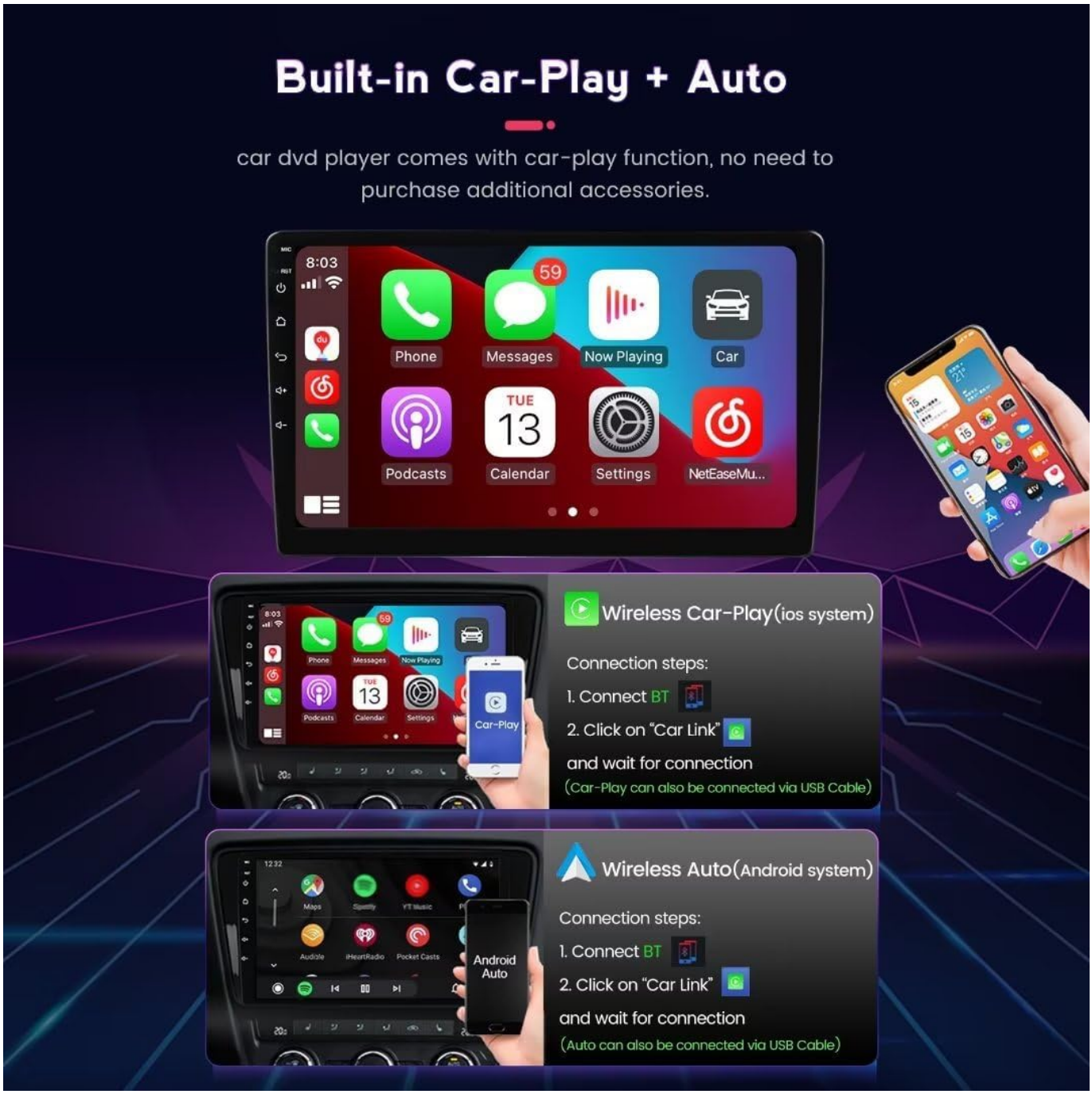


Figure 4.2: CarPlay and Android Auto Setup. This image illustrates the steps for connecting both iOS devices (Wireless CarPlay) and Android devices (Wireless Android Auto) to the head unit, primarily through Bluetooth and the 'Car Link' function.

4.3 Internet Connectivity (4G LTE & WiFi)

The unit offers flexible internet access options:

- **4G LTE:** Insert a compatible 4G SIM card into the designated slot (either on the unit itself or via the external slot on the RCA cable) to access mobile data directly.
- **WiFi:** Connect to a WiFi hotspot (e.g., from your smartphone or a portable hotspot) to access the internet.

4.4 GPS Navigation

The built-in GPS module and pre-installed maps allow for navigation without an internet connection. Ensure the GPS antenna is properly installed for optimal signal reception.

4.5 Bluetooth 5.0

Connect your smartphone via Bluetooth for hands-free calling and audio streaming. The Bluetooth 5.0 standard ensures stable connections and high-quality audio.

4.6 Steering Wheel Controls

The unit supports the original steering wheel control functions of your Honda City, allowing you to manage audio playback, volume, and calls without taking your hands off the wheel. This feature enhances safety and convenience.

5. Maintenance

To ensure the longevity and optimal performance of your MekedeTech Android Car Radio Stereo, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for software updates provided by MekedeTech to ensure you have the latest features and security patches.
- **Temperature:** Avoid exposing the unit to extreme temperatures. The built-in cooling fan helps regulate internal temperature during operation.
- **Connections:** Ensure all cables and connections remain secure. Loose connections can lead to intermittent issues.

6. Troubleshooting

If you encounter issues with your unit, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's battery is properly connected. Verify fuses are intact.
- **No Sound:** Check speaker connections. Ensure the volume is not muted or set to zero. Verify audio output settings in the unit's menu.
- **GPS Signal Loss:** Ensure the GPS antenna has a clear view of the sky and is securely connected.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth is enabled on both the phone and the head unit. Try restarting both devices. For wired connections, ensure the USB cable is functional.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **Overheating:** Ensure the cooling fan (if installed) is functioning correctly and that there is adequate ventilation around the unit.

If these steps do not resolve the issue, please contact MekedeTech customer support.

7. Specifications

Feature	Specification
Operating System	Android 12
CPU	8-Core A53 1.8GHz
Memory (RAM)	8 GB

Feature	Specification
Storage (ROM)	128 GB
Display Size	9 Inches
Display Resolution	1280 x 720 (HD)
Display Type	IPS Touch Screen
Power Output	4*50W
Connectivity	4G LTE, WiFi, Bluetooth 5.0
Special Features	Wireless CarPlay, Wireless Android Auto, DSP Processor, GPS Navigation, Steering Wheel Control Support
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.
Vehicle Service Type	Car (Honda City 2008-2013)

8. Warranty Information

The MekedeTech Android Car Radio Stereo 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.

9. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact MekedeTech customer support through the following channels:

- Refer to the contact information provided with your purchase.
- Visit the official MekedeTech website for support resources and contact details.

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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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