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› MekedeTech Android Car Radio Stereo GPS Navigation System User Manual for Honda Acura MDX 2007-2013 (Model 4-Core 2+32G)

MekedeTech 4-Core 2+32G

MekedeTech Android Car Radio Stereo GPS Navigation System User Manual

Model: **4-Core 2+32G** | Brand: **MekedeTech**

1. 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 designed to upgrade the in-car entertainment and navigation experience for compatible vehicles.

2. VEHICLE COMPATIBILITY

This Android car radio stereo is specifically designed for **Honda Acura MDX models from 2007 to 2013**. It is a direct plug-and-play replacement for the original head unit.

Important Compatibility Note:

This head unit only works with Honda Acura MDX 2007-2013 vehicles that have an AUX button and an original big screen. If your vehicle has an HDD button or does not have a big screen, this unit will not fit.

For Honda Acura MDX 2007–2013



Image: Compatible and incompatible dashboard configurations for Honda Acura MDX 2007-2013. Green checkmarks indicate compatibility with AUX button and big screen. Red crosses indicate incompatibility with HDD button or lack of big screen.

3. PACKAGE CONTENTS

Please verify that all the following components are included in your package:

- Android Head Unit (9-inch Touch Screen)
- Dash Kit (for seamless integration)
- Power Cable
- RCA Cables
- Reversing Camera Cable
- USB Cables (2x)
- Microphone (MIC)
- GPS Antenna
- 4G Antenna (if applicable to your model)

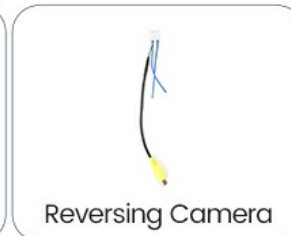


Image: Visual representation of the package contents, including the main unit, dash kit, power cable, RCA cables, reversing camera cable, USB cables, microphone, GPS antenna, and 4G antenna.

4. INSTALLATION GUIDE

The MekedeTech Android Car Radio is designed for a plug-and-play installation. However, professional installation is recommended to ensure proper wiring and functionality.

4.1 Pre-Installation Checks

1. Ensure your vehicle is compatible (Honda Acura MDX 2007-2013 with AUX and big screen).
2. Disconnect the vehicle's battery before starting installation to prevent electrical damage.
3. Familiarize yourself with your vehicle's dashboard removal process.

4.2 Installation Steps (General)

1. Carefully remove the original factory radio and dashboard trim.
2. Connect the provided power cable, RCA cables, reversing camera cable, and USB cables to the new Android head unit and the vehicle's wiring harness. Ensure all connections are secure.
3. Install the GPS antenna in a location with a clear view of the sky (e.g., on the dashboard).
4. Install the microphone for hands-free calling.
5. Mount the new Android head unit into the dashboard opening using the provided dash kit.
6. Reconnect the vehicle's battery.
7. Test all functions (power, audio, touch screen, GPS, Bluetooth, CarPlay/Android Auto, steering wheel controls, reverse camera).
8. Reassemble the dashboard trim.

NOTE: Note: The android car stereo will not affect the original XM radio player and CD player.



Image: A visual comparison showing the original Acura MDX dashboard before installation and the dashboard after the MekedeTech Android Car Radio has been installed, displaying the new touch screen.

5. OPERATING INSTRUCTIONS

5.1 Wireless CarPlay and Android Auto

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

- **For Wireless CarPlay (iOS System):**

- Connect your iPhone to the unit via Bluetooth.
- On the unit, select the 'CarLink' application.
- Wait for the connection to establish. CarPlay can also be connected via USB cable.

- **For Wireless Android Auto (Android System):**

- Connect your Android phone to the unit via Bluetooth.
- On the unit, select the 'CarLink' application.
- Wait for the connection to establish. Android Auto can also be connected via USB cable.

Built-in Car-Play + Auto

car dvd player comes with carplay function, no need to purchase additional accessories.



Image: A visual guide demonstrating the steps to connect both Wireless CarPlay (for iOS devices) and Wireless Android Auto (for Android devices) to the head unit.

5.2 GPS Navigation

The unit includes a built-in global positioning system (GPS) with support for various map applications. It provides omni-directional map display and real-time traffic conditions for accurate positioning.

- Supported map applications include iGO, Yandex, and Google Maps.
- Ensure the GPS antenna is properly installed for optimal signal reception.

5.3 Bluetooth 5.0

Connect your smartphone via Bluetooth 5.0 for hands-free calling and wireless music streaming.

- Pair your device through the Bluetooth settings menu on the head unit.
- Enjoy clear audio for calls and playback of your favorite music.

5.4 Wi-Fi Connectivity

The built-in 5G Wi-Fi module allows you to access the internet anytime, anywhere, by connecting to a mobile hotspot or available Wi-Fi networks.

5.5 Split Screen Function

The split-screen feature allows two applications to be displayed simultaneously on the screen, enhancing convenience and multitasking capabilities.

- Drag an app icon to one side of the screen to activate split-screen mode.
- Select another app to occupy the remaining screen space.

Support split screen

Support for two applications to be displayed on the screen at the same time, which makes the operation more convenient and faster

Built-in GPS navigation

Built-in global positioning system, omni-directional map display, synchronous display real-time traffic conditions, rapid and accurate positioning.



Image: The head unit display showing the split-screen function, with one application on the left and another on the right, alongside a demonstration of the built-in GPS navigation system.

5.6 Steering Wheel Control

Maintain the functionality of your original steering wheel controls. This allows for easy adjustment of volume, changing tracks, and switching channels without taking your hands off the steering wheel, promoting safer driving.

5.7 FM Radio

Access your favorite FM radio stations. The unit supports standard FM radio frequencies.

6. MAINTENANCE

6.1 Cleaning the Screen

Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.

6.2 Software Updates

Periodically check for software updates from the manufacturer to ensure optimal performance, security, and access to new features. Follow the instructions provided with the update package carefully.

6.3 General Care

Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure all cables are securely connected and not pinched.

7. TROUBLESHOOTING

If you encounter issues with your MekedeTech Android Car Radio, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Power / Unit Does Not Turn On	Check power cable connections. Ensure the vehicle's battery is properly connected and charged. Check relevant fuses in the vehicle's fuse box.
No Audio or Low Volume	Verify speaker wire connections. Check volume settings on the unit and ensure the vehicle's amplifier (if present) is functioning. Ensure RCA audio output cables are correctly connected.
Steering Wheel Controls Not Working	Ensure the steering wheel control wires are correctly connected and configured in the unit's settings. Some vehicles may require additional adapters.
GPS Signal Lost or Inaccurate	Ensure the GPS antenna is installed in a location with a clear view of the sky and is securely connected.
Wireless CarPlay/Android Auto Connection Issues	Ensure Bluetooth is enabled on both the unit and your smartphone. Restart both devices. Check for software updates on the unit and your phone. Try a wired connection if wireless fails.
Touch Screen Unresponsive	Restart the unit. Ensure the screen is clean and free of debris. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
Left/Right Speakers Not Working	Check the specific speaker wire connections for the affected side. Verify balance/fader settings in the audio menu. Ensure no short circuits in the wiring.

8. SPECIFICATIONS

Feature	Detail
Brand	MekedeTech
Model	4-Core 2+32G
Operating System	Android
Screen Size	9 Inches
Resolution	1024 x 600
Touch Screen Type	Capacitive

Feature	Detail
Memory (RAM)	2 GB
Storage (ROM)	32 GB
Connectivity Technology	Wireless
Connectivity Protocols	Bluetooth 5.0, Wi-Fi (5G), Ethernet
Special Features	Bluetooth, Touchscreen, Wireless Android Auto, Wireless CarPlay, Split Screen, FM Radio, Rear USB Port Input, Rear View Camera Input
Supported Navigation System	GPS (Worldwide Map Type)
Audio Output Mode	Stereo
Video Playback	1080P Support
Mounting Type	Dashboard Mount
Included Components	Dash kit, power cable, RCA cables, reversing camera cable, USB cables

9. WARRANTY AND SUPPORT

9.1 Warranty Information

For specific warranty details, please refer to the documentation included with your purchase or contact MekedeTech customer support directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

9.2 Customer Support

If you require technical assistance, have questions about installation, or need to report a defect, please contact MekedeTech customer support. Refer to your purchase documentation for contact information or visit the official MekedeTech website.

