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> MAHVEC 4G+64G Car Radio Stereo User Manual for Honda Fit (2008-2013) - 10.1 Inch Android 15 with Wireless CarPlay & Android Auto

## MAHVEC 4Core 4G+64G

# MAHVEC 4G+64G Car Radio Stereo User Manual

For Honda Fit (2008-2013) - Model: 4Core 4G+64G

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MAHVEC 4G+64G Car Radio Stereo. This unit is specifically designed for Honda Fit models manufactured between 2008 and 2013, featuring a 10.1-inch HD In-Cell Touch Screen, Android 15 operating system, Wireless CarPlay, Android Auto, GPS navigation, 5Ghz WiFi, Bluetooth 5.0, FM/RDS radio, Steering Wheel Control (SWC) compatibility, and an AHD Backup Camera.

**Important Note: Before purchasing or installing, please verify your car's model year and dashboard shape to ensure compatibility. If uncertain, consult MAHVEC support.**



Image 1.1: Comparison of the Honda Fit dashboard before and after installing the MAHVEC Car Radio Stereo.

## 2. PACKAGE CONTENTS

Please check the box for the following items:

- MAHVEC 4G+64G Car Radio Stereo Unit
- AHD Backup Camera
- External Microphone
- Power Cable (Plug and Play)
- RCA Cables
- USB Cables (4-pin and 6-pin)
- GPS Antenna
- Radio Antenna Adapter
- Installation Tools
- User Manual (this document)

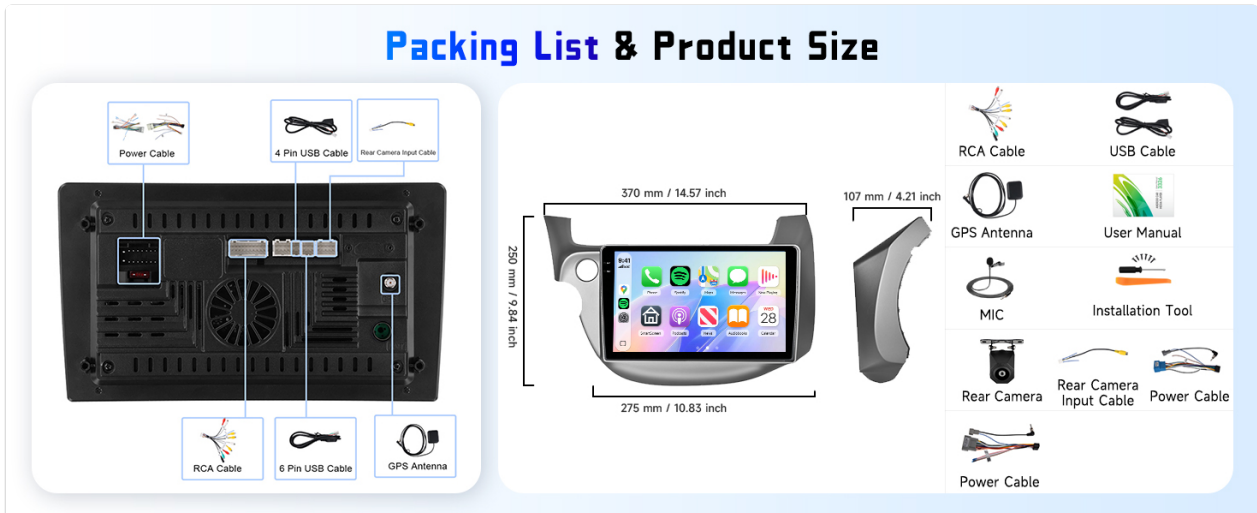


Image 2.1: Overview of the MAHVEC Car Radio Stereo unit and its included accessories.

### 3. PRODUCT OVERVIEW AND KEY FEATURES

The MAHVEC Car Radio Stereo offers a range of advanced features for an enhanced in-car experience:

- **10.1-inch HD In-Cell Touch Screen:** Features a 1280×720P resolution, integrating touch sensors directly into the panel for a thinner, lighter design with over 95% light transmittance and 20-30% faster touch response.
- **Upgraded Android 15 OS:** Provides a smooth and reliable operating experience with 4GB RAM and 64GB ROM for efficient multitasking and storage.
- **Wireless CarPlay & Android Auto:** Seamlessly connect your smartphone for navigation, music, calls, and messages, activating Siri or Google Assistant for hands-free control.
- **Online + Offline GPS & 5Ghz WiFi:** Built-in GPS chip supports offline navigation, while 5Ghz WiFi connectivity allows for online map updates and access to entertainment applications.
- **DSP 32EQ & Bluetooth 5.0:** Integrated Digital Signal Processor (DSP) with a 32-band equalizer for customizable, high-quality audio. Bluetooth 5.0 ensures faster pairing, stable connectivity, and precise positioning for hands-free calls and music streaming.
- **Additional Functions:** Includes multi EQ settings, built-in FM/RDS radio, compatibility with steering wheel controls, and an AHD backup camera (170° wide-angle, IP69 waterproof, night vision).



Image 3.1: Details of the In-Cell Touch Screen technology.

## 4. INSTALLATION GUIDE

This section outlines the general steps for installing your car radio stereo. Professional installation is recommended if you are unfamiliar with car audio wiring.

### 4.1 Wiring Connections

Ensure all connections are secure before powering on the unit.

- Connect the main power cable harness to the designated port on the back of the unit.
- Connect the RCA cables for audio output and auxiliary input.
- Plug in the USB cables (4-pin and 6-pin) for data transfer and charging.
- Connect the GPS antenna to the GPS port.
- Connect the radio antenna adapter to the ANT port.
- Connect the external microphone to the MIC input for improved call quality.
- For the AHD backup camera, connect the camera's video output to the 'CAM IN' RCA input. The camera's power should be connected to the vehicle's reverse light circuit, and the reverse trigger wire (often labeled 'BACK' or 'REVERSE') from the unit's harness should be connected to the reverse light signal.

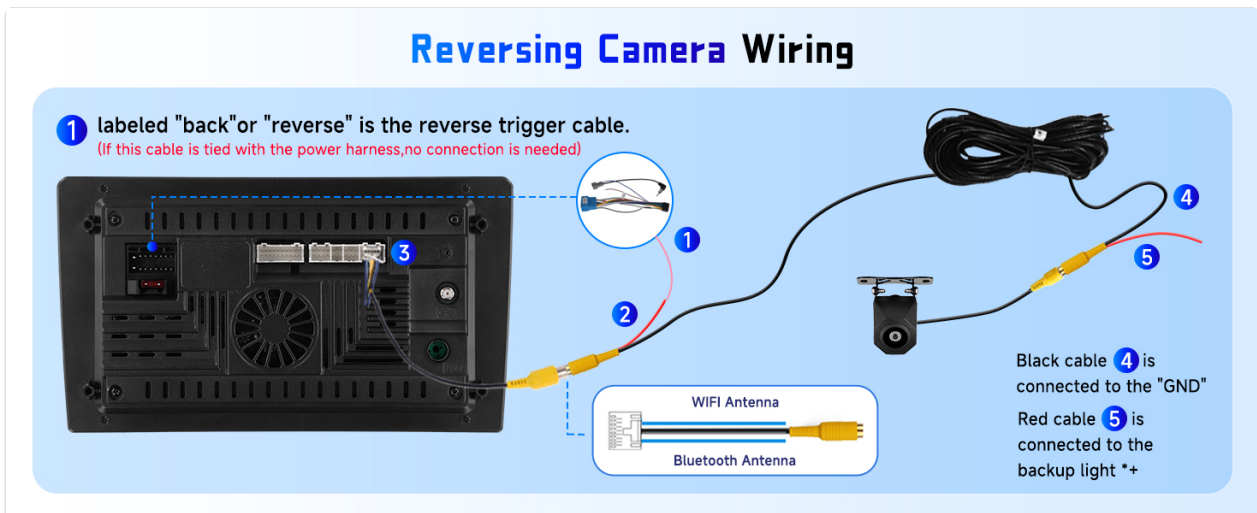


Image 4.1: Backup Camera Wiring Diagram.

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Video 4.1: This video demonstrates the rear panel wiring connections for the car radio, including USB, camera, and antenna connections.

## 5. OPERATING INSTRUCTIONS

### 5.1 Initial Setup and UI Navigation

Upon first power-on, the system will guide you through initial setup. The Android 15 interface is intuitive. You can customize desktop icons by long-pressing them and dragging to rearrange or remove. The system supports split-screen display for running multiple applications simultaneously.

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Video 5.1: This video showcases various features of the car radio, including Bluetooth connectivity, CarPlay, FM/RDS radio, hands-free calling, music playback, EQ settings, and split-screen functionality.

### 5.2 Wireless CarPlay and Android Auto

To use Wireless CarPlay or Android Auto, ensure your smartphone's Bluetooth and Wi-Fi are enabled. Pair your phone with the car stereo via Bluetooth. Once paired, the system will prompt you to activate CarPlay or Android Auto. This allows access to navigation, music, calls, and messaging directly from the car's display.



Image 5.2: Wireless CarPlay and Android Auto interface.

### 5.3 GPS Navigation and WiFi

The unit has a built-in GPS module for accurate positioning. You can use pre-installed offline maps or download online navigation apps via the 5Ghz WiFi connection. Connect to a mobile hotspot or home WiFi network to access online services and updates.



Image 5.3: GPS Navigation and WiFi features.

## 5.4 Bluetooth 5.0 Functionality

Bluetooth 5.0 enables hands-free calling and wireless music streaming. Pair your device in the Bluetooth settings. The system supports importing contacts and displaying call history. For music, select Bluetooth Audio as the source and control playback from the stereo or your paired device.

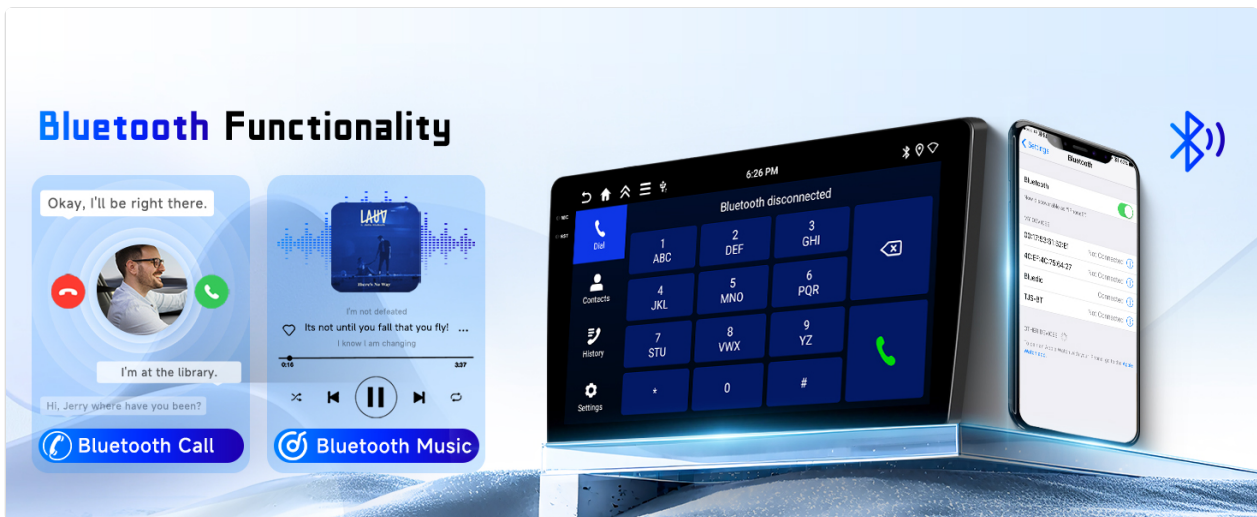


Image 5.4: Bluetooth Call and Music interface.

## 5.5 FM/RDS Radio and Audio Equalizer (EQ)

Access the FM/RDS radio application to tune into your favorite stations. The RDS (Radio Data System) displays station information where available. Utilize the built-in DSP with a 32-band EQ to customize your audio experience. Adjust frequency bands, subwoofer levels, and sound field settings to optimize sound quality.

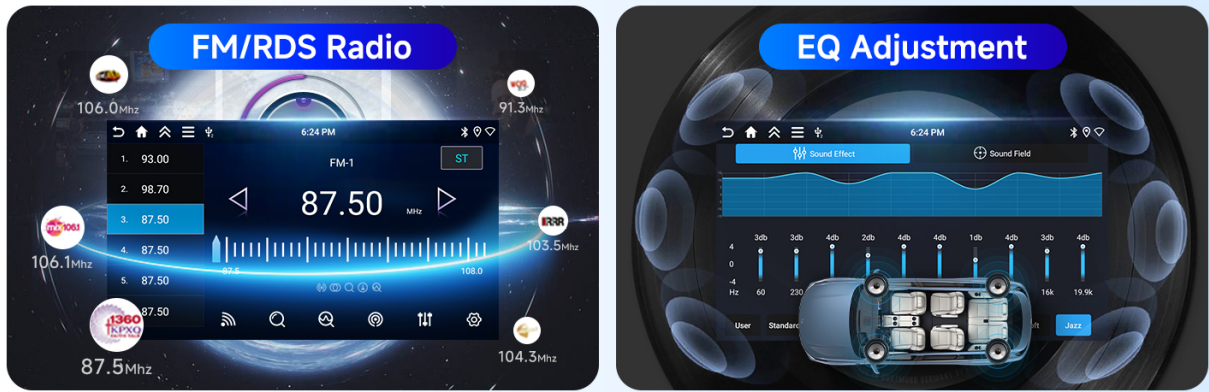


Image 5.5: FM/RDS Radio and EQ Adjustment screens.

## 5.6 Steering Wheel Control (SWC)

The unit supports your vehicle's existing steering wheel controls. This allows you to manage volume, tracks, and calls without taking your hands off the wheel. Refer to the system settings for SWC configuration and mapping.



Image 5.6: Steering Wheel Control setup.

## 5.7 Mirror Link

The Mirror Link function allows you to mirror your smartphone's screen onto the car stereo display. This feature supports both iOS and Android devices and can be connected via Bluetooth or USB, depending on your phone model and system compatibility.

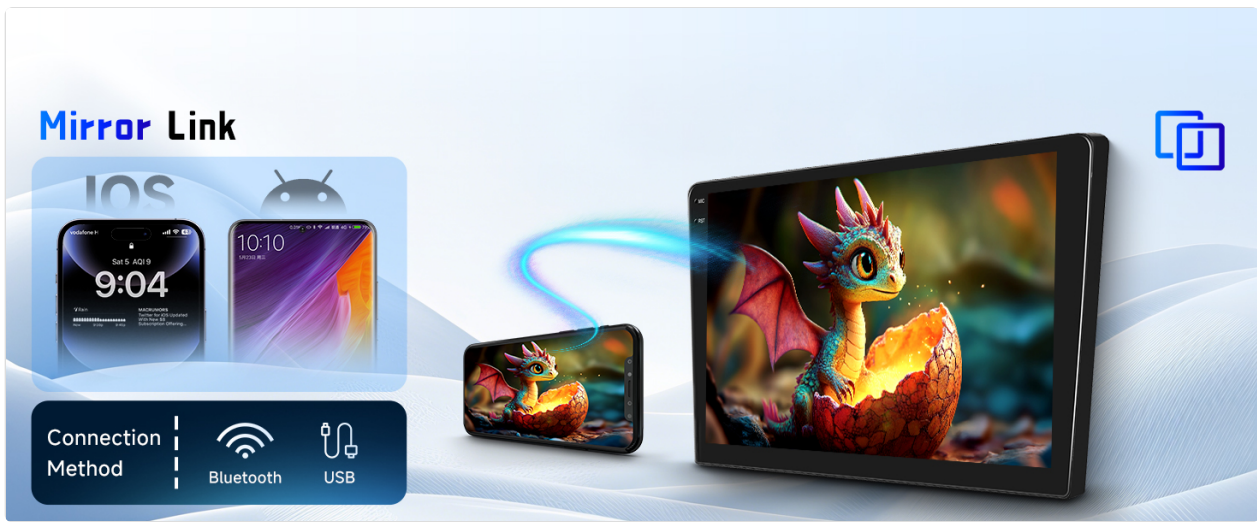


Image 5.7: Mirror Link functionality.

## 6. SPECIFICATIONS

Feature	Description
Brand	MAHVEC
Vehicle Service Type	Car
Screen Size	10.1 Inches
Special Feature	32 Band DSP, In-cell Touchscreen, Navigation, Wireless CarPlay/Android Auto
Connectivity Technology	Bluetooth, USB, Wi-Fi
Map Type	Worldwide
Included Components	AHD Backup Camera, External Microphone
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Operating System	Android
Memory Storage Capacity	64 GB
Touch Screen Type	Capacitive
Display Type	IPS
Human-Interface Input	Touchscreen
Compatible Devices	Smartphone
Control Method	Touch
Supported Satellite Navigation System	GPS

## 7. TROUBLESHOOTING

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If you encounter issues with your MAHVEC Car Radio Stereo, please refer to the following common troubleshooting tips:

- **No Power:** Check all power connections, including the main power cable and vehicle's fuse box. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, check volume levels, and ensure the correct audio source is selected. Check EQ settings for any extreme adjustments.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your smartphone. Try unpairing and re-pairing the devices. Clear Bluetooth cache on your phone if necessary.
- **CarPlay/Android Auto Not Connecting:** Confirm your phone is compatible and that Bluetooth is paired. Try connecting via USB if wireless fails. Ensure the CarPlay/Android Auto app is updated on your phone.
- **GPS Signal Loss:** Ensure the GPS antenna is securely connected and placed in an area with a clear view of the sky (e.g., on the dashboard).
- **Backup Camera Not Displaying:** Check the camera's video input and power connections. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light signal.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).

For persistent issues, contact MAHVEC customer support.

## 8. MAINTENANCE

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To ensure the longevity and optimal performance of your car radio stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates through the system settings or MAHVEC's official website to ensure you have the latest features and bug fixes.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures. While designed for automotive use, prolonged exposure to direct sunlight or freezing conditions can affect performance.
- **Cable Management:** Ensure all cables are neatly routed and secured to prevent damage from vibration or snagging.

## 9. WARRANTY AND SUPPORT

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Your MAHVEC Car Radio Stereo comes with a **2-Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

**Return Policy:** The product is eligible for a 30-day refund/replacement policy as per the retailer's terms.

For technical assistance, warranty claims, or any questions regarding your product, please contact MAHVEC customer support through the retailer's platform or visit the official MAHVEC store.

MAHVEC is committed to providing high-quality products and customer service.

