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- [Model RM](#)

AINAVITO RM

AINAVITO 9 Inch Car Stereo Navigation System Instruction Manual - Model RM

For Dodge Grand Caravan (2011-2020) & Chrysler Town & Country (2012-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVITO 9 Inch Car Stereo Navigation System, Model RM. This system is designed to enhance your driving experience with advanced features including 5G WiFi, Wireless CarPlay, Android Auto, GPS navigation, and a QLED HD display. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1x Car Stereo Radio with Frame
- 1x GPS Antenna
- 1x Frame Removal Tool
- 1x RCA Cable
- 1x Power Cable
- 1x Car Microphone
- 1x Rear View 1080P Camera
- 2x USB Cables
- 1x User Manual (this document)

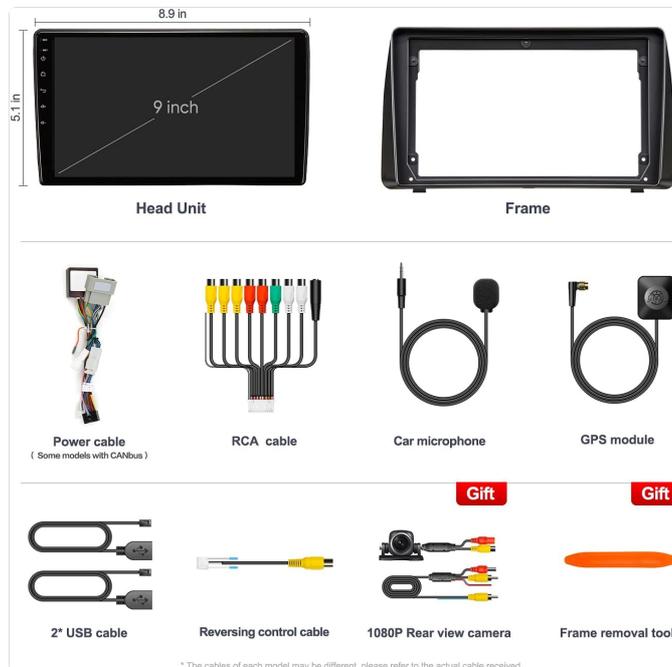


Image: AINAVITO 9 Inch Head Unit, custom frame, and various connection cables including RCA, power, microphone, GPS antenna, USB cables, and a 1080P rear view camera.

3. PRODUCT FEATURES

- **Compatibility:** Designed for Dodge Grand Caravan (2011-2020) and Chrysler Town & Country (2012-2016).
- **Operating System:** Android 12 with 2GB RAM and 64GB ROM for smooth performance.
- **Connectivity:** Supports wireless/wired CarPlay and Android Auto, 5G Wi-Fi, Bluetooth 5.0, AUX, AM/FM radio, and HDMI video play.
- **Display:** QLED 1280x720 HD screen with vibrant colors, clear visuals, and 178° viewing angles.
- **Audio:** Built-in 48-band EQ and DSP for customizable sound, compatible with power amplifiers and original car speakers.
- **Navigation:** Integrated GPS module with support for online maps and navigation apps.
- **Safety:** Includes a 1080P backup camera (IP69 waterproof, 170° wide-angle lens) for safer reversing.
- **Control:** Full Steering Wheel Control (SWC) support and customizable physical buttons.

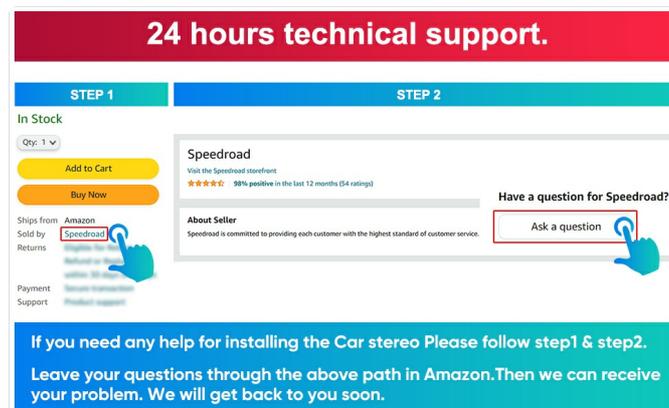


Image: Overview of AINAVITO car stereo features including CarPlay, FM/AM, SWC, Bluetooth 5.0, Android Auto, DSP, HDMI Video, GPS, and 2+64G memory.



Image: Illustration of the HDMI Sync Screen feature, showing the car stereo display mirrored onto an external monitor.

4. SETUP & INSTALLATION

This section guides you through the installation process. The system is designed for plug-and-play installation, but professional guidance is recommended if you are unsure.

4.1. Pre-Installation Check

- Ensure your vehicle is compatible: Dodge Grand Caravan (2011-2020) or Chrysler Town & Country (2012-2016).
- Verify all package contents are present.
- Disconnect the vehicle's battery before starting installation to prevent electrical damage.

4.2. Removing the Original Radio

Carefully remove the original car radio and trim. Use the provided pry tool to avoid damaging plastic components.

Video: Detailed installation method for Dodge Grand Caravan 2011-2020, showing removal of the original radio and trim.

Video: Step-by-step guide on how to install the Dodge Caravan car radio.

4.3. Wiring Connections

Connect the provided wiring harness to the new head unit and the vehicle's existing wiring. Ensure all connections are secure. The system is designed for plug-and-play, minimizing the need for wire tapping.

Video: Demonstrates how to install the car stereo using the plug-and-play method.

4.4. Backup Camera Installation

Install the 1080P backup camera according to your vehicle's specifications. Route the camera cable to the head unit and connect it to the designated input.

Video: Instructions on how to install the backup camera.

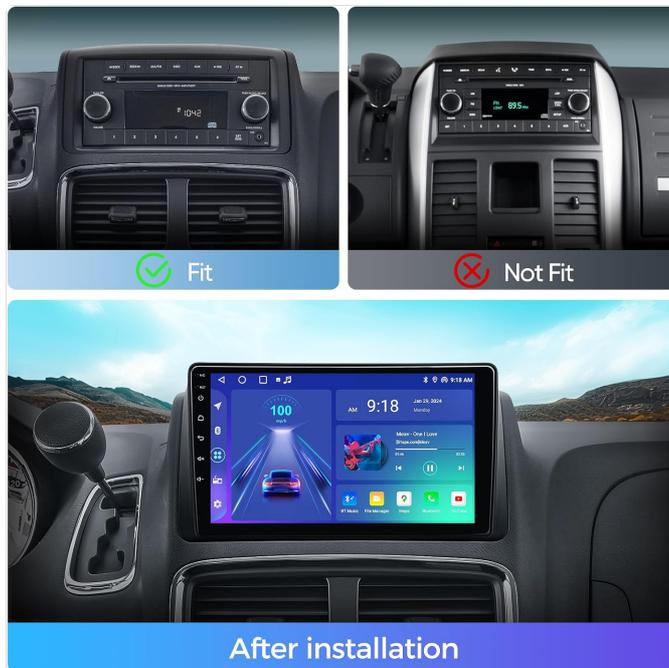


Image: Before and after installation comparison, showing the seamless integration of the 9-inch car stereo into the dashboard.

5. OPERATING INSTRUCTIONS

5.1. Wireless CarPlay & Android Auto

Connect your smartphone via Bluetooth or USB for seamless integration. Access navigation, messages, music, and calls directly from the car stereo display.



Image: Demonstrates Wired & Wireless CarPlay for iPhone and Wired Android Auto for Android smartphones, showing navigation and media playback on the car stereo.



Image: Side-by-side comparison of Wireless/Wire CarPlay and Wireless/Wire Android Auto interfaces on the car stereo display.

5.2. GPS Navigation

Utilize the built-in GPS module for accurate navigation. Connect to 5G Wi-Fi to access online maps and real-time traffic updates.



Image: GPS Navigation interface showing a map with route information and various app icons like Apple Maps, Waze, Google Maps, and YouTube.

5.3. Bluetooth 5.0

Pair your phone via Bluetooth for hands-free calling, phonebook synchronization, and music streaming.



Image: Interface showing WiFi and Bluetooth connection options, with a phone call screen and music playback.

5.4. Split Screen Functionality

The split-screen feature allows you to run two applications simultaneously, such as navigation and media playback.

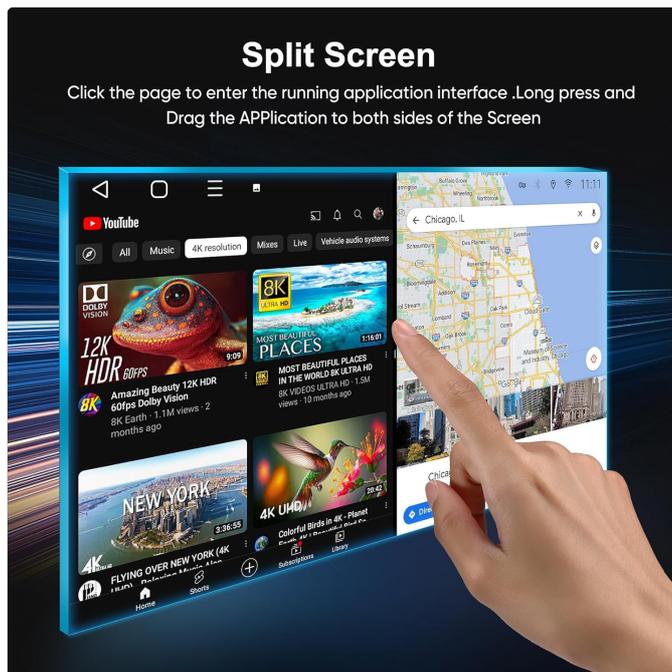


Image: Split Screen functionality demonstrating YouTube video playback alongside a map application.

5.5. Displaying Car Information (Door/AC)

The system can display original car door and AC information. This feature may require specific settings adjustments in the factory menu.

Video: Instructions on how to display door and AC information on the car stereo.

6. AUDIO SETTINGS

The AINAVITO system features a built-in 48-band Equalizer (EQ) and Digital Sound Processor (DSP) for advanced audio

customization. Adjust frequency bands, balance, fader, and subwoofer settings to optimize your sound experience.

7. CUSTOMIZATION

7.1. Customizing Side Button Functions

The physical buttons on the side of the unit can be programmed to perform various functions according to your preference. This is done through the factory settings menu.

Video: Guide on how to customize the single keybutton shortcut function on the car stereo.

7.2. Steering Wheel Control (SWC) Setup

Program your vehicle's steering wheel controls to interact with the car stereo, allowing for safe and convenient operation while driving.

Video: Instructions on how to set up steering wheel controls and side buttons.

8. TROUBLESHOOTING

- **No Power:** Check all power cable connections and vehicle fuses. Ensure the battery is properly reconnected.
- **No Sound:** Verify speaker connections. Check audio settings (EQ, balance, fader) and ensure mute is off.
- **Bluetooth/CarPlay/Android Auto Disconnection:** Ensure your phone's Bluetooth is on and paired. For wired connections, check the USB cable. Restarting both the phone and the car stereo can often resolve connectivity issues.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check settings for online map access if using Wi-Fi.
- **Volume Resets:** Some units may reset volume settings upon vehicle shutdown. Check for firmware updates or specific settings in the factory menu if this persists.
- **Screen Scratches Easily:** Consider applying a screen protector to prevent damage.

9. SPECIFICATIONS

Feature	Specification
Item Weight	3.61 pounds
Package Dimensions	13.98 x 9.41 x 5.28 inches
Display Size	9 Inches
Model Name	RM
Screen Resolution	QLED 1280*720
Operating System	Android 12
RAM	2GB
ROM	64GB

Connectivity Technology	5G Wi-Fi, Bluetooth 5.0, HDMI Video Play, FM/AM/AUX, Wireless/Wire CarPlay & Android Auto, Mirroring + Airplay
Special Features	48-Band EQ, Professional DSP, GPS Navigation, Split Screen, Secondary Video Window, Dual USB (6PIN+4PIN)
Audio Output Mode	Surround/Bass Boost/Bass Filter/Sound Field
Mounting Type	Dashboard Mount

10. WARRANTY & SUPPORT

Your AINAVITO car stereo comes with a **12-month warranty** from the date of purchase.

AINAVITO is committed to providing professional engineer guidance and 24-hour after-sale service. If you have any questions related to product use, settings, or installation, please contact customer support through the Amazon platform by clicking on the store name ("Sold By ----Speedroad") and finding the "ASK a Question" button. Our engineers will reply to you within 24 hours.



Image: Information on how to contact AINAVITO for 24-hour technical support via Amazon.