

Surakey Car Stereo for Dodge Grand Caravan 2008-2010

Surakey Android 15 Car Stereo User Manual

For Dodge Grand Caravan 2008-2010 (4GB RAM + 64GB ROM)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Surakey Android 15 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. This unit is designed for Dodge Grand Caravan models from 2008 to 2010.

PRODUCT OVERVIEW

The Surakey Android 15 Car Stereo is an advanced multimedia receiver featuring a 7-inch IPS touchscreen. It integrates modern connectivity and navigation capabilities to enhance your driving experience.

- **Operating System:** Android 15 with 4GB RAM and 64GB ROM.
- **Display:** 7-inch IPS HD touchscreen.
- **Connectivity:** Built-in WiFi, Bluetooth 4.0.
- **Smartphone Integration:** Supports Apple CarPlay and Wireless Android Auto (via wired USB or Bluetooth/WiFi).
- **Navigation:** Integrated GPS module for offline and online navigation.
- **Multimedia:** Supports various audio and video formats, FM/RDS radio.
- **Additional Features:** Mirror Link, Split Screen, Steering Wheel Control (SWC), Backup Camera support, external microphone.

SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

Vehicle Compatibility Check

Before installation, verify that your vehicle model (Dodge Grand Caravan 2008-2010) is compatible. If unsure, provide a complete image of the plugs on the back of your vehicle's center console and main unit

to customer support for confirmation.

Wiring Diagram Verification

Confirm the correct wiring diagram for your specific vehicle model. Incorrect wiring can damage the unit or vehicle electronics.

Power Cord Installation

Ensure you use the power cords and protocols specific to your vehicle model. Different vehicle models may require different power cords and protocols.

Backup Camera Setup

This unit supports OEM CVBS 720P backup cameras. 360-degree panoramic cameras are not supported. If your OEM camera is incompatible, use the included backup camera. Follow the steps below to configure the backup camera resolution:

1. Tap the settings icon to open the settings menu.
2. Select **Factory Settings**, then enter the password **8888**.
3. Navigate to **Protocol Parameter Settings**.
4. Select **Reverse video resolution settings**.
5. Choose the correct setting based on your camera type: for OEM cameras, select NTSC/PAL; for the included camera, keep the default AHD/25.



Image: Steps for configuring backup camera resolution settings.

OPERATING INSTRUCTIONS

CarPlay and Android Auto

Connect your iOS or Android smartphone via a wired USB cable or wirelessly via Bluetooth and WiFi. This allows access to phone functions like navigation, music, calls, and messages through the car stereo's interface, with voice control support.

Carplay & Android Auto



Image: Display showing Apple CarPlay and Android Auto interfaces.

Mirror Link Function

Mirror your smartphone screen (iOS or Android) to the car stereo display using a USB data cable or WiFi connection. This feature allows you to view your phone's content directly on the larger screen.

Mirror Link

Through the USB data cable/WIFI connection, you can achieve mirroring the mobile phone screen to the car player



Image: Illustration of Mirror Link connecting a smartphone screen to the car stereo.

WiFi Connection

Connect the car stereo to a WiFi network for high-speed internet access. This enables application downloads, online video streaming, and music playback, providing rich entertainment options.

WiFi Connection

High-speed internet access, application download, online video watching, music playing... Rich entertainment gets you out of a tiring drive



Image: Screen displaying WiFi connection status and available online applications.

Bluetooth Connectivity

Utilize Bluetooth 4.0 for hands-free calling and wireless audio streaming. This feature enhances safety by allowing you to manage calls and music without diverting attention from the road.

Bluetooth

Through BT, we can listen to music or answer hands-free calls while navigating, which greatly reduces driving risks



Image: Bluetooth interface showing music playback and call management.

GPS Navigation

The integrated GPS module supports both offline and online navigation. Connect the included GPS module for offline use or download navigation apps via WiFi for online routing. This provides real-time road conditions and accurate positioning.

GPS Navigation

Real -Time road condition, avoid traffic congestion, accurate positioning of satellites, travel without being lost

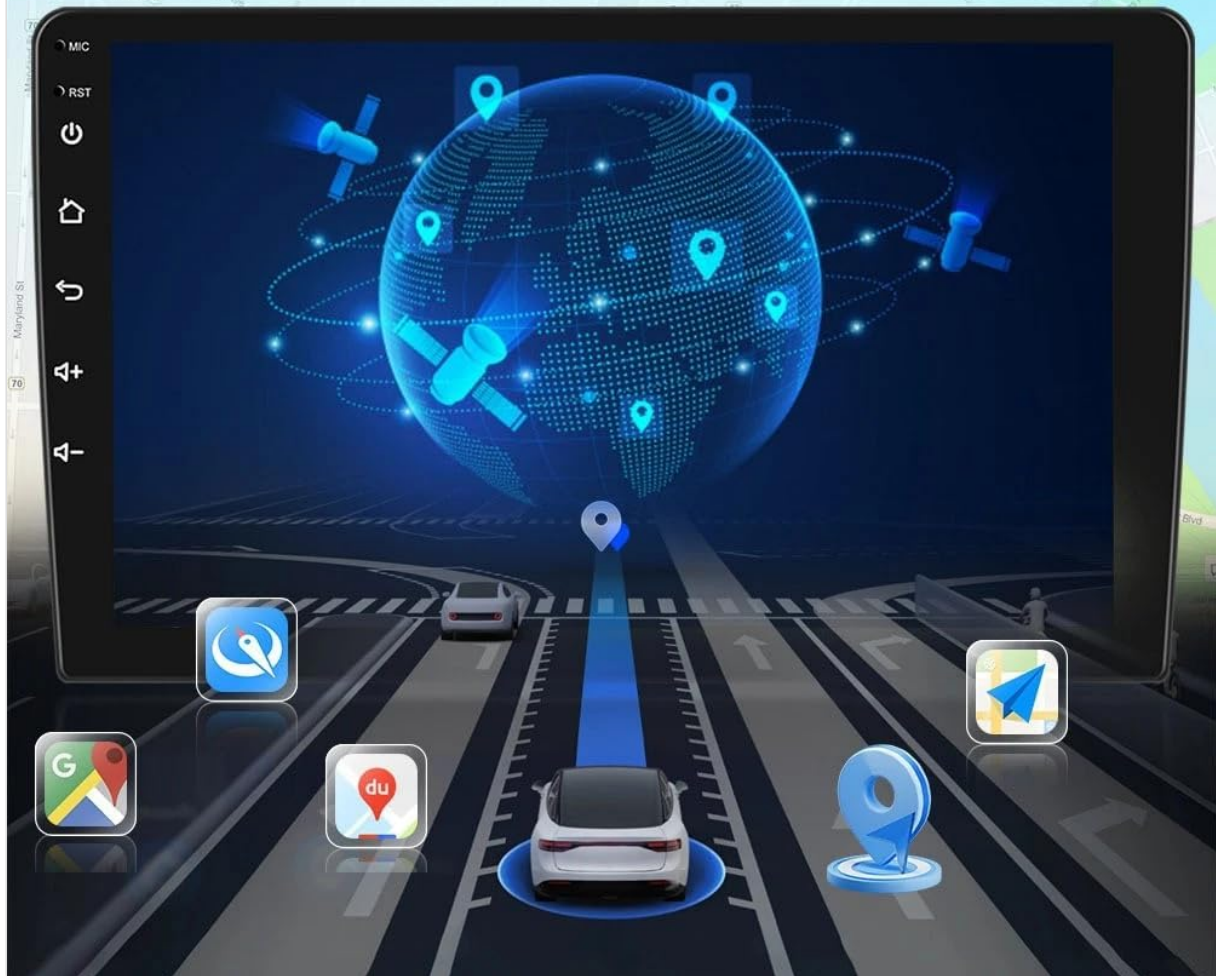


Image: GPS navigation screen displaying a map with route guidance.

FM Radio

The car stereo includes an FM radio tuner with 18 preset stations. Enjoy your favorite radio broadcasts with clear audio quality.

FM Radio

Online music you can transfer the music to the car stereo by FM to enjoy the original car stereo sound, with 18 preset stations

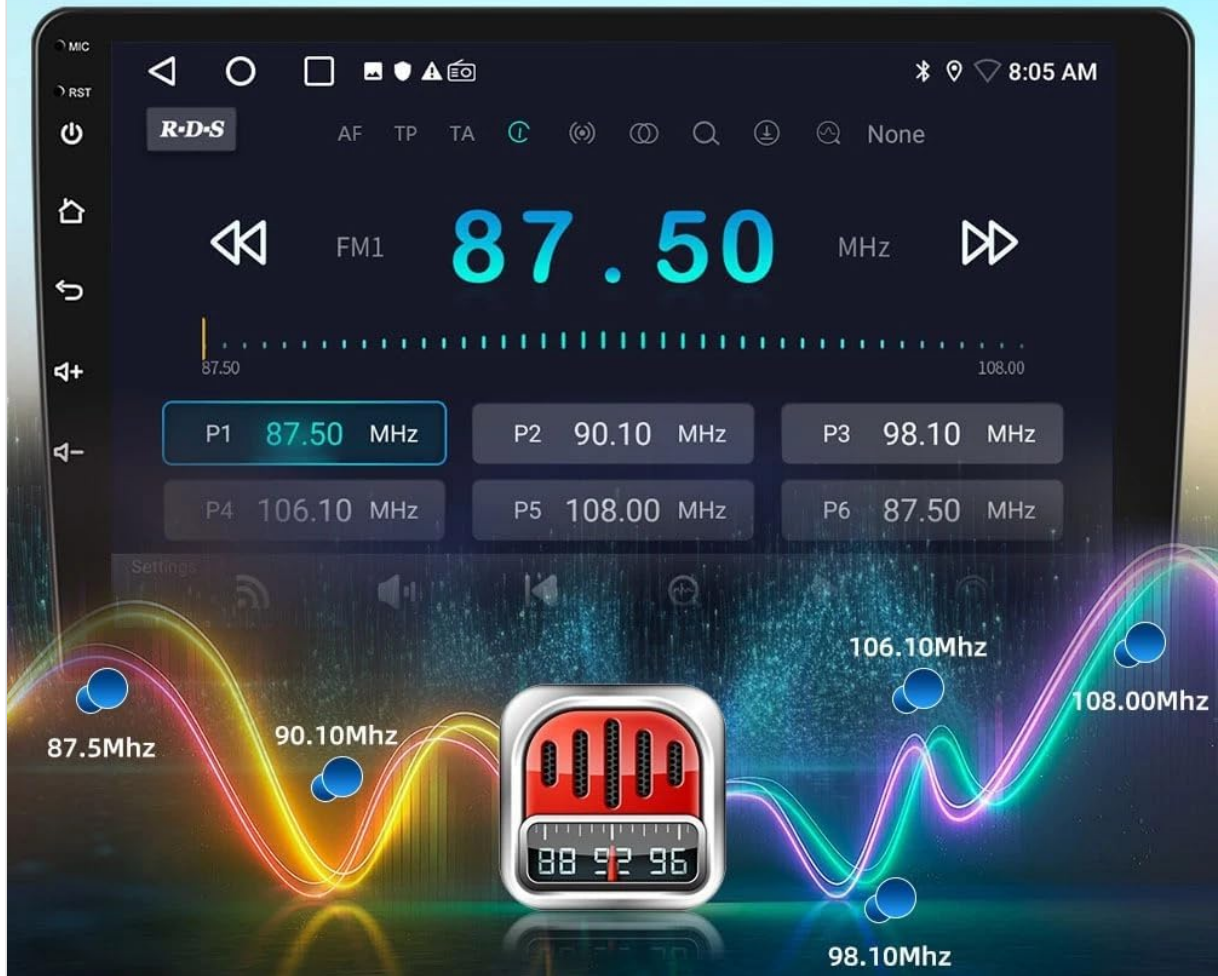


Image: FM radio interface showing frequency tuning and preset stations.

User Interface Overview

This video provides a brief overview of the car stereo's user interface, demonstrating navigation through various menus and features.

Your browser does not support the video tag.

Video: A short demonstration of the car stereo's main screen and navigation through its features.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and securely.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common problems and solutions:

- **Backup Camera Not Working:** Ensure your backup camera is an OEM CVBS 720P type. 360-degree panoramic cameras are not supported. If using the included camera, verify the resolution settings as described in the Setup section.
- **Installation Issues:** Double-check all wiring connections against the correct diagram for your vehicle. Ensure power cords and protocols match your specific car model.
- **No Power:** Verify all power connections are secure and that the vehicle's fuse for the stereo is intact.
- **No Sound:** Check speaker connections, volume levels, and audio source selection.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (consult customer support before performing a factory reset).

SPECIFICATIONS

Product Name	Car Navigation Player
Material	Metal and Plastic
Screen Size	7 inches
Memory	4GB (RAM) + 64GB (ROM)
System	Android 15
CPU	4 Core
Voltage	DC12V
GPS	Support
Internet	WIFI
Bluetooth	4.0
Audio Format	MP3/WMA/MP2/OGG/AAC/M4A/MA4/FLAC/APE/3GP/WAV
Video Format	Mpeg1/Mpeg2/Mpeg4/SP/ASP/GMC/XVID/H.263/H.264
Picture Format	BMP/JPG/GIF/PNG
Item Weight	1.6 ounces
Package Dimensions	1.97 x 1.18 x 1.18 inches

WARRANTY AND SUPPORT

For any product inquiries, technical assistance, or warranty claims, please contact Surakey customer support. Our team is available to provide assistance.

Customer Support Email: Fuyatongus@outlook.com



Image: Illustration of customer support representative with contact email.