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iCarSEPTON dodge avenger touch screen radio

iCarSEPTON Car Radio Instruction Manual

Model: dodge avenger touch screen radio

1. Product Overview

This iCarSEPTON Android radio receiver is designed to upgrade your vehicle's entertainment system. It features a responsive touch screen, wireless CarPlay and Android Auto compatibility, GPS navigation, Bluetooth connectivity, and FM radio. The system is powered by a 1.8GHz quad-core processor with 2GB RAM and 32GB storage for smooth operation and ample space for apps and media.

2. Applicable Models

This Android radio receiver is compatible with the following models:

- Dodge Grand Caravan (2008-2020)
- Dodge Challenger (2008-2014)
- Dodge Avenger (2008-2014)
- Dodge Charger (2008-2010)
- Dodge Journey (2009-2010)
- Chrysler 200 (2011-2014)
- Chrysler 300/300C (2008-2010)
- Chrysler Town & Country (2008-2016)
- Chrysler Sebring (2008-2010)
- Jeep Liberty (2008-2012)

Please verify the year, dimensions, and shape of your vehicle's center console before installation.



Image: Compatibility chart for iCarSEPTON car radio across various Dodge and Chrysler models and years.

3. What's in the Box (Packing List)

The product package includes the following items:

- Chrysler Town & Country radio upgrade unit
- Back Camera
- Harness Cable
- Canbus Box
- Instructions and Installation Guide



Image: Detailed view of all components included in the iCarSEPTON car radio package.

4. Installation Guide

Proper installation is crucial for optimal performance. Follow these steps carefully:

1. **Remove the old radio:** Carefully pry off the trim around your existing car radio. Unscrew and remove the old radio unit.
2. **Connect the new unit:** Connect the provided harness cable and Canbus box to your vehicle's wiring. Attach the GPS antenna, radio antenna, and any other necessary cables (RCA, USB, camera input) to the new iCarSEPTON unit.
3. **Test connections:** Before fully securing the unit, power on your vehicle and test all functions of the new radio, including audio, touch screen, CarPlay/Android Auto, and steering wheel controls.
4. **Secure the unit:** Once all functions are verified, carefully slide the new radio unit into place and secure it with screws. Reattach the trim.



Image: Visual comparison of the dashboard before and after installing the iCarSEPTON car radio.

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Video: Detailed installation method for Dodge Grand Caravan 2011-2020 models.

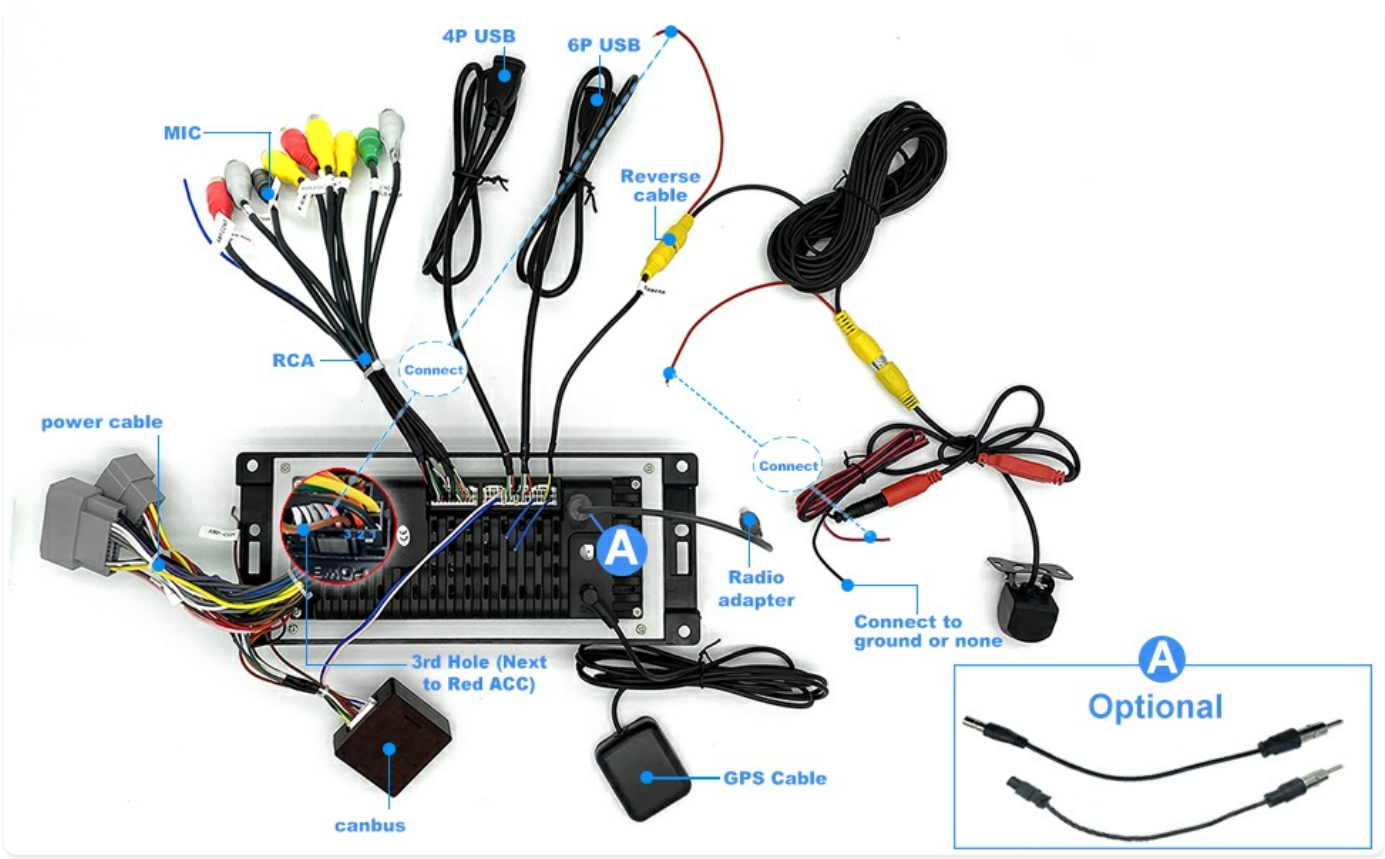


Image: Comprehensive wiring diagram for the car radio unit.

5. Setup Instructions

5.1. Wireless CarPlay & Android Auto

The iCarSEPTON radio supports both Wireless CarPlay and Android Auto, allowing seamless integration with your smartphone for navigation, calls, music, and apps via voice control (Apple Siri or Google Assistant).

1. Connect your smartphone to the radio via Bluetooth.
2. Open the Zlink app on the radio. It will automatically connect to CarPlay or Android Auto.
3. To manage CarPlay settings on iPhone: Go to iPhone Settings > General > CarPlay > Zlink to enable or disable.



Image: Wireless CarPlay and Android Auto interface on the car radio.

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Video: Instructions on how to connect Wireless CarPlay.

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Video: Guide on connecting Bluetooth CarPlay and Wi-Fi.

5.2. Bluetooth & Wi-Fi Connectivity

The unit features Bluetooth for hands-free calls and music streaming, and Wi-Fi for online navigation, app downloads, and real-time traffic updates.

1. To connect Bluetooth: Go to "Car-BT" on the radio, enter password "0000" to connect. Delete previous connection records if needed.
2. To improve Bluetooth/Wi-Fi signals: Connect the reversing cable to the Bluetooth and Wi-Fi signal enhancer.
3. To connect Wi-Fi: Access the Wi-Fi settings on the radio and select your desired network.



Image: Bluetooth interface for calls and music.

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Video: Guide on connecting Bluetooth Android Auto and Wi-Fi.

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Video: Instructions for connecting Wireless Mirrorlink for iOS and Android devices.

5.3. Steering Wheel Control (SWC)

Manage essential functions without taking your hands off the wheel by configuring steering wheel controls.

1. Ensure the protocol serial port wire is correctly connected.
2. Access the Steering Wheel Control settings on the radio.
3. Follow the on-screen instructions to map your vehicle's steering wheel buttons to the desired radio functions.



Image: Steering Wheel Control learning interface.

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Video: Demonstrates how to customize single key button shortcut functions for steering wheel control.

5.4. UI Settings and EQ Adjustment

Customize the user interface and audio equalizer settings to your preference.

1. Navigate to the 'Settings' menu on the radio.
2. For UI customization, look for 'UI Style' or 'Home Launcher Selection' to change the theme or layout.
3. For audio settings, find the 'Equalizer' or 'EQ' option to adjust sound frequencies, bass, and other audio enhancements.

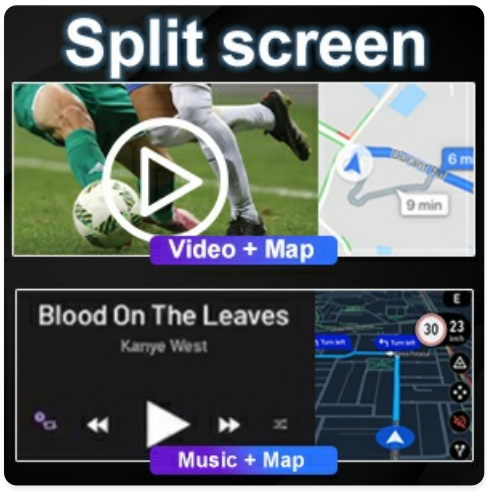


Image: Various UI styles available for the car radio.



Image: Audio Equalizer (EQ) settings interface.

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Video: Demonstrates UI and EQ settings on the 4Core Radio for Dodge Grand Caravan.

6. Operating Instructions

6.1. FM Radio

The built-in FM radio allows you to stay connected to your favorite stations with 18 preset options.

1. Select the 'Radio' app from the main menu.
2. Use the on-screen controls to scan for stations or select from presets.

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Video: Overview of the radio features for Dodge Grand Caravan, including FM radio functionality.

6.2. GPS Navigation

Utilize both online and offline maps to ensure you're never lost. Wi-Fi connectivity provides real-time navigation and traffic updates.

1. Select the 'Navigation' or 'Maps' app.
2. Enter your destination or select from saved locations.

3. Ensure Wi-Fi is connected for real-time updates.



Image: GPS Navigation interface.



Image: Available GPS map applications.

6.3. Split Screen Function

The split screen function allows you to run two applications simultaneously, such as navigation and music.

1. Open the first desired application.
2. Long-press the home button or a designated split-screen icon to activate split-screen mode.
3. Select the second application to display alongside the first.



Image: Split screen functionality showing music and maps simultaneously.



Image: Split screen display with video and navigation.

6.4. Rear View Camera

The included rear view camera provides a clear view of what's behind your car, making parking and reversing safer.

1. Ensure the camera wiring is connected correctly as shown in the installation pictures.
2. When reversing, the display will automatically switch to the camera feed.
3. Adjust camera settings (e.g., AHD/25 resolution) in Settings > Factory Settings (password 8888) > Protocol Parameter Settings > Reverse Video Resolution Settings.



Image: Rear view camera display on the car radio.



Image: Features of the included backup camera.

6.5. DVR Front View (Sold Separately)

If you have an optional DVR front view camera, you can access its feed through the radio interface for recording your drive.

7. Troubleshooting

- **Radio screen black or not starting:** Try pressing the small round RST hole with a toothpick. Check the blue/red fuse at the back to ensure it's not burnt out. Verify that the Canbus box is properly connected.
- **Touch screen unresponsive:** Use five fingers to re-calibrate the touch screen, following instructions in the instructional video.
- **No sound:** Check if the speaker cables are connected incorrectly or reversed. Make sure the Canbus box is properly connected.
- **Bluetooth not connecting or poor signal:** Connect the reversing cable to the Bluetooth and Wi-Fi signal enhancer. Go to "Car-BT", enter the password "0000" to connect. Delete previous connection records and try again if needed.
- **CarPlay connection issues:** Connect to Bluetooth, and Zlink will automatically connect to CarPlay. Close background apps by pressing the second button from the top right. Go to iPhone Settings > General > CarPlay > Zlink to enable or disable CarPlay.
- **Steering wheel control not working:** Check if the protocol serial port wire is reversed or missing. Ensure no plugs are disconnected. Verify that the correct protocol is selected.
- **Reversing camera not showing:** Check the wiring to ensure it's connected correctly. Go to Settings > Factory Settings (password 8888) > Protocol Parameter Settings > Reverse Video Resolution Settings, and select AHD/25.

8. Specifications

Feature	Detail
Item Weight	2.87 pounds
Package Dimensions	11.42 x 7.28 x 3.94 inches
Item Model Number	dodge avenger touch screen radio
Display Size	7 Inches
Voice Command	Touchscreen
Connectivity Technology	Bluetooth, USB, Wi-Fi
Map Type	Street
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

9. Warranty & Support

The iCarSEPTON car radio comes with a **12-month warranty**. For any technical support or questions regarding your Grand Caravan/Charger, Chrysler 200/300/300C/Sebring accessories, please feel free to contact us. We are committed to providing prompt assistance.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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