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› Aonnav 8.4 Inch Android Car Radio User Manual

aonnav Dodge Charger/Challenger 2015-2019 Android Car Radio

Aonnav 8.4 Inch Android Car Radio User Manual

Model: Dodge Charger/Challenger 2015-2019 Android Car Radio

Brand: aonnav

1. PRODUCT OVERVIEW

The Aonnav 8.4 Inch Android Car Radio is designed as a stereo replacement and multimedia player upgrade for Dodge Charger and Challenger models from 2015 to 2019. It integrates advanced features such as GPS navigation, wireless CarPlay, WiFi, Bluetooth, AM/FM radio, and a touch screen head unit, enhancing the in-car entertainment and connectivity experience. This unit supports original car functions like seat heating, ventilation, steering wheel heating, and AC control.

1.1. Compatibility

This Android car radio is compatible with the following vehicle models:

- Dodge Charger (2015-2019)
- Dodge Challenger (2015-2019)

Compatible Car Model



Figure 1.1: Compatible Car Models

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 8.4 Inch Android Car Radio Screen
- Power Adapter
- USB1 Cable
- USB2 Cable
- External Microphone
- Screwdriver
- GPS Antenna
- Radio Antenna
- 4G Antenna

- RCA Cable with 4G SIM Card Slot
- Original USB Adapter
- Camera Video-in Adapter
- Plastic Warping Panel
- User Manual (this document)



Figure 2.1: Included Components

3. SETUP AND INSTALLATION

Professional installation is recommended. Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.

3.1. Installation Steps

1. Carefully remove the original car radio panel using the provided plastic warping tool.
2. Disconnect all cables from the original radio unit.

3. Connect the new Aonnav Android Car Radio to the vehicle's wiring harness, ensuring all connections are secure. Distinguish between high and low configuration audio plugs based on your original car's setup or if it comes with an amplifier.
4. Connect the GPS antenna, radio antenna, and other accessory cables as required.
5. Carefully slide the new Android car radio into the dashboard opening.
6. Reconnect the vehicle's battery and test the unit's functionality before fully reassembling the dashboard.
7. Reinstall the dashboard panel, ensuring all clips are securely fastened.

3.2. Installation Video Guide

Your browser does not support the video tag.

Video 3.1: Official installation guide for the Aonnav Android Car Radio in Dodge Charger and Challenger models.



Figure 3.2: Before and After Installation Comparison

4. OPERATING INSTRUCTIONS

This section details the operation of the key features of your Aonnav Android Car Radio.

4.1. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth or Wi-Fi to access Apple CarPlay or Android Auto. This allows for voice control (SIRI), navigation, screen mirroring, music playback, and access to various compatible applications directly from the car radio's display.



Figure 4.1: Wireless CarPlay & Android Auto Interface

4.2. Bluetooth Connectivity

The unit features stable Bluetooth 5.0 for seamless connection with your mobile phone. This enables hands-free calling, phone book download, and wireless music streaming.



Figure 4.2: Bluetooth Music Playback

4.3. GPS Navigation

The built-in GPS system supports high-precision navigation with GPS + GLONASS. It is compatible with various online and offline map applications such as Apple Maps, Google Maps, and Waze, allowing you to navigate effectively.



Figure 4.3: GPS Navigation Interface

4.4. Rear View Camera Support

The system automatically displays the rear view camera feed when shifting into reverse gear, providing clear visibility and assisting with parking maneuvers by eliminating blind spots.



Figure 4.4: Rear View Camera Display

4.5. Radio Functionality

The unit includes a built-in AM/FM radio tuner. You can scan for stations, save presets, and enjoy clear audio quality.

4.6. User Interface Demonstration

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Video 4.5: Demonstration of the Aonnav Android Car Radio's user interface and key functions after replacement.

5. MAINTENANCE

To ensure optimal performance and longevity of your Aonnav Android Car Radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.

- **Software Updates:** Periodically check for software updates to ensure you have the latest features and performance improvements. Updates can typically be found via the unit's settings menu when connected to Wi-Fi.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and connections. Inspect vehicle fuses. Ensure car battery is charged.
No sound from speakers.	Incorrect audio wiring, volume too low, mute activated.	Verify speaker wiring connections. Increase volume. Check if mute function is active.
GPS signal is weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS antenna is mounted in a clear location with an unobstructed view of the sky. Check antenna connection.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi issues, phone compatibility, cable connection.	Ensure Bluetooth and Wi-Fi are enabled on both devices. Restart phone and unit. Try a different USB cable if using wired connection.
Rear view camera not displaying.	Incorrect camera wiring, camera malfunction.	Check the camera video-in adapter connection and ensure the camera is receiving power.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Operating System	Android 12
Display Size	8.4 Inches
Item Weight	4.09 pounds
Product Dimensions	8.4 x 8.4 x 8.4 inches
Connectivity Technology	Wireless Carplay, Bluetooth, Auxiliary, Wi-Fi, USB
Special Features	Touchscreen, Android Auto, Apple Carplay, WIFI
Map Type Support	South America, Worldwide, North America
Audio Output Mode	AUX
Mounting Type	Dashboard Mount
Manufacturer	oonav
Country of Origin	China

8. WARRANTY AND CUSTOMER SUPPORT

Aonnav is committed to providing professional technical support and high-quality customer service. We value the voice of every customer and continuously improve our products and services.

8.1. Warranty Information

This product comes with a **one-year warranty** from the date of purchase. We also offer **30-day money-back** and **12-month replacement** policies.

8.2. Technical Support

We provide **lifetime technical support** for this product. If you have any questions regarding installation, operation, or any other issues, please do not hesitate to contact us. Our team aims to reply within 24 hours to assist you.



Figure 8.1: Aonav Customer Service Commitments

8.3. Contact Information

You can reach our customer service team via Amazon or directly by email:

Email: autostereo@163.com

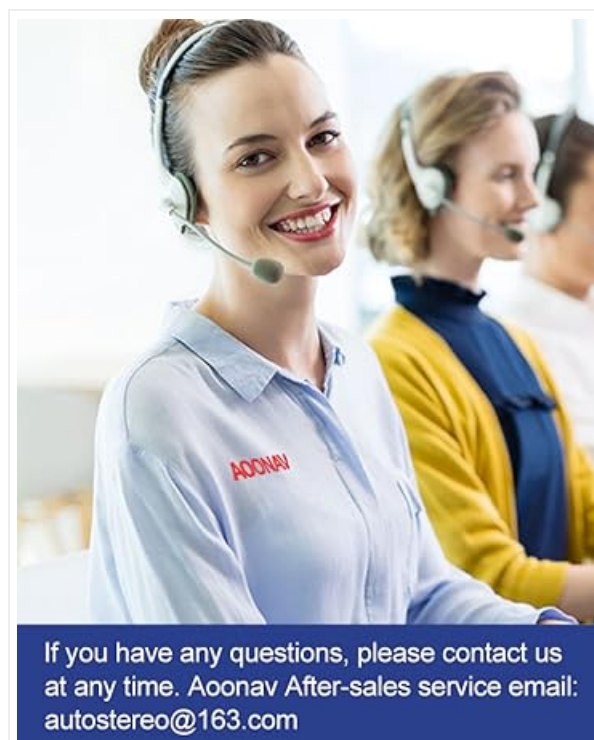


Figure 8.2: Contact Aonav After-Sales Service

