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› AWESAFE Android 13 Car Stereo User Manual

AWESAFE d93a9c8c-d5a1-4674-8496-7d761e788f44

AWESAFE Android 13 Car Stereo User Manual

Model: d93a9c8c-d5a1-4674-8496-7d761e788f44

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AWESAFE Android 13 Car Stereo. This head unit is designed as a replacement for Dodge Charger and Challenger models from 2015 to 2019, offering an upgraded infotainment experience with modern features.

2. SAFETY INFORMATION

- Always disconnect the car battery before beginning any installation or maintenance procedures to prevent electrical shock or damage.
- Ensure all connections are secure and properly insulated to avoid short circuits.
- Do not operate the device in a manner that distracts you from driving. Prioritize road safety.
- Consult a professional if you are unsure about any installation steps.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Head Unit
- Power Cable
- RCA Cable
- Factory USB Cable
- Radio Antenna
- Crowbar (Pry Tool)
- Reverse Cable
- Screwdriver
- USB Cable * 2
- 4G Antenna
- Reversing Line
- Can Bus
- GPS Module

			
<p>Note: this product retained the factory frame</p>		Power cable	RCA cable
			
Factory usb cable	Radio antenna	Crowbar	Reverse cable
			
Screwdriver	USB cable *2	4G antenna	Reversing line
			
Can Bus	GPS module	Can Bus	GPS module

Figure 3.1: Included components in the AWESAFE car stereo package.

4. SETUP AND INSTALLATION

The installation process typically takes 1-3 hours. Tools required include a screwdriver and a 10mm socket wrench. It is recommended to watch the provided installation video for a visual guide.

4.1. Disconnect Car Battery

Before starting any work, disconnect your car's battery to prevent electrical issues.



Figure 4.1: Location of the car battery, typically in the trunk, for disconnection.

4.2. Remove Dashboard Trim

Carefully use a pry tool to remove the dashboard trim surrounding the existing head unit. This will expose the old head unit and its connections.



Figure 4.2: Dashboard area of compatible Dodge Charger/Challenger models (2015-2019).

4.3. Remove Old Head Unit

Once the trim is removed, unscrew and carefully pull out the old head unit. Disconnect all cables attached to it.



Figure 4.3: Visual comparison of the car's interior before and after the stereo upgrade.

4.4. Harness Assembly and Wiring

Connect the provided wiring harness to the new head unit. Refer to the wiring diagram for correct connections. Pay special attention to the reverse camera connection and the modified USB-A connection. Note that the car's white and modified USB cables are used, while yellow and pink cables are not utilized. The stereo is not compatible with the stock microphone; an external microphone is provided.



Figure 4.4: Wiring diagram and connections on the rear of the head unit.

Your browser does not support the video tag.

Video 4.1: Step-by-step guide for installing the AWESAFE Android Car Stereo into a 2015 Challenger, including harness assembly and wiring clarifications.

4.5. Secure New Head Unit and Replace Dash

Once all connections are made and verified, carefully slide the new head unit into place and secure it with screws. Ensure all connections are fitting snugly. Finally, replace the dashboard trim, ensuring it snaps back into place correctly.

5. OPERATING INSTRUCTIONS

5.1. Android 13 Operating System

The head unit runs on Android 13, providing a fast and responsive user experience with 4GB RAM and an Octa-core CPU. The 64GB ROM allows for ample application storage.

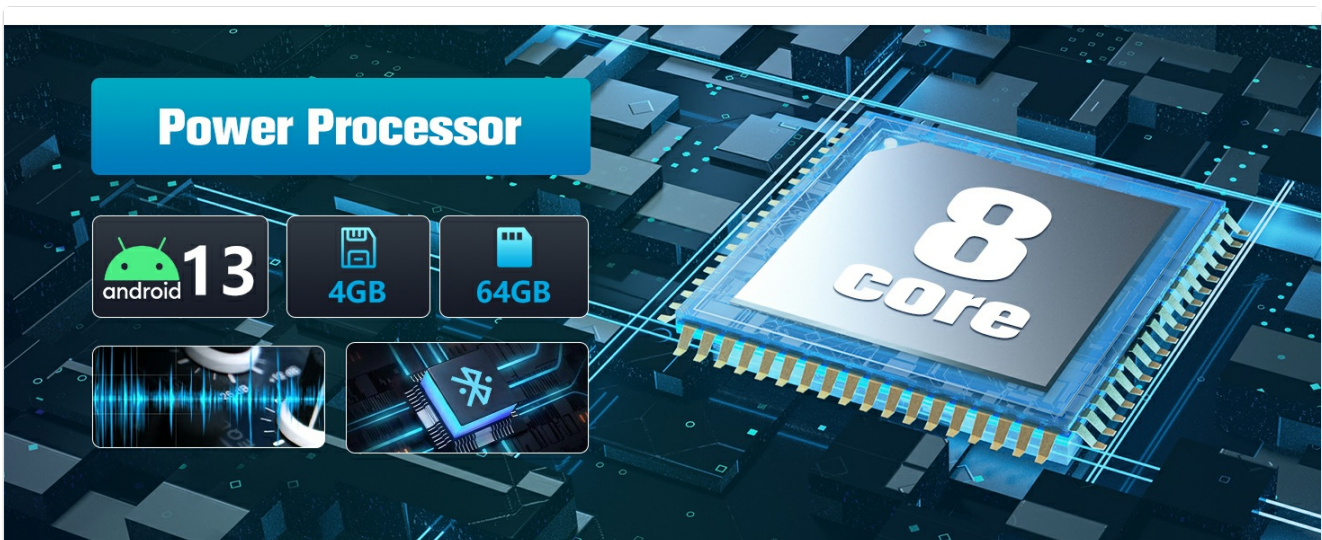


Figure 5.1: Overview of the Android 13 system and hardware specifications.

5.2. Wireless CarPlay & Android Auto

Connect your iPhone or Android phone wirelessly via Bluetooth to access CarPlay or Android Auto. This allows for

navigation, calls, messages, and music playback through the car stereo's display.

- **For CarPlay:** Enable Bluetooth on your iPhone and pair it with the car radio. Then, open the "TLINK" app.
- **For Android Auto:** Ensure the "Android Auto" app is installed on your phone. Connect your phone to the radio via Bluetooth or the original USB cable. Then, open the "TLINK" app.



Figure 5.2: Wireless CarPlay functionality.



Figure 5.3: Detailed instructions for connecting CarPlay and Android Auto.

5.3. GPS Navigation & WiFi Connection

The unit supports both offline and online maps. You can download global offline map data packs. For real-time traffic information and online map usage, connect the unit to a WiFi hotspot (e.g., from your smartphone).



Figure 5.4: GPS navigation and WiFi connectivity.



Figure 5.5: GPS features and online map access via mobile hotspot.



Figure 5.6: WiFi connectivity and access to Android applications.

5.4. Bluetooth Hands-Free Call/Music

Fast Bluetooth connection with a built-in microphone enables hands-free calling and audio streaming. Enjoy clear and stable music playback even in noisy environments.



Figure 5.7: Bluetooth 5.0 features for calls and music.

5.5. Built-in DSP & 48-Band EQ

The integrated Digital Sound Processor (DSP) and 48-band Equalizer (EQ) allow for precise audio customization, enhancing your listening experience.



Figure 5.8: DSP and 48-band EQ interface for sound customization.



Figure 5.9: Built-in DSP for optimized sound.

5.6. AM/FM Radio

Access your favorite radio stations with the integrated AM/FM tuner.



Figure 5.10: AM/FM Radio interface.

5.7. Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.



Figure 5.11: Split screen functionality for multitasking.

6. MAINTENANCE

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Regularly check for software updates to ensure optimal performance and access to new features.
- Ensure proper ventilation around the unit to prevent overheating.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, car battery disconnected.	Check power cable connections. Inspect car fuses. Ensure car battery is connected.
No sound output.	Incorrect audio wiring, volume too low, mute activated.	Verify RCA cable connections. Increase volume. Check mute settings.
CarPlay/Android Auto not connecting.	Bluetooth not paired, incorrect app selected, phone compatibility issue.	Ensure Bluetooth is on and paired. Open "TLINK" app. Check phone compatibility.
GPS signal weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS module is correctly connected and placed with a clear view of the sky.
External microphone not working.	Microphone not plugged in correctly.	Verify the external microphone is securely plugged into the designated port.

8. SPECIFICATIONS

- **Brand:** AWESAFE
- **Model Number:** d93a9c8c-d5a1-4674-8496-7d761e788f44
- **Operating System:** Android 13
- **RAM:** 4GB
- **ROM:** 64GB
- **Processor:** Octa 8 Core CPU TS18 chips
- **Screen Size:** 9" / 22 cm (Visible screen diagonal)

- **Connectivity Technology:** Wi-Fi, Bluetooth 5.0
- **Special Features:** Built-In Bluetooth, Apple CarPlay, Built-In Wi-Fi, DSP
- **Compatible Devices:** Apple iPhone, Android Auto
- **Connector Type:** 3.5mm Jack, USB
- **Audio Output Mode:** DSP
- **Surround Sound Channel Configuration:** 5.1
- **Item Weight:** 4.2 pounds
- **Package Dimensions:** 10.75 x 9.06 x 6.46 inches

9. WARRANTY AND SUPPORT

AWESAFE is committed to providing quality products and excellent customer service. For any issues or inquiries, please contact our support team.

- **Customer Support:** 24 Hours Online Service
- **Email:** us.support@awesafeinc.com



Figure 9.1: AWESAFE Customer Support.