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› AWESAFE 13.1 inch Car Radio Stereo Android 12 User Manual for Jeep Wrangler JK and Dodge Ram

AWESAFE B0D4LPZJ2J

AWESAFE 13.1 inch Car Radio Stereo Android 12 User Manual

Model: B0D4LPZJ2J

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AWESAFE 13.1 inch 8 Core Car Radio Stereo with Android 12. This unit is designed to enhance your driving experience with advanced features like CarPlay, Android Auto, GPS navigation, and a large touchscreen display. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Applicable Car Models

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

- Jeep Wrangler/Unlimited: 2007-2018
- Jeep Compass: 2009-2016
- Jeep Patriot: 2009-2016
- Jeep Grand Cherokee: 2005-2011
- Jeep Liberty: 2008-2011
- Jeep Commander: 2008-2011
- Dodge Ram Pickup 1500/2500/3500: 2009-2012
- Chrysler Sebring: 2007-2010
- Town&Country: 2007-2010
- Dodge Grand Caravan: 2011-2014
- Dodge Charger: 2008-2010



This image illustrates the various car models compatible with the AWESAFE 13.1 inch car radio, including Jeep Wrangler, Jeep Compass, Jeep Patriot, Jeep Grand Cherokee, Jeep Liberty, Jeep Commander, Dodge Ram Pickup, Chrysler Sebring, Town&Country, Dodge Grand Caravan, and Dodge Charger.

SETUP AND INSTALLATION

What's in the Box

Before beginning installation, please verify that all components are present:

- 13.1 inch Car Radio Stereo Unit
- Power Cable
- RCA Cable
- Reversing Line (for backup camera)
- Installation Tool (Crowbar, Screwdriver)
- Antenna Adapter Cable
- USB Cable (x2)
- Frame
- 4G-Model (if applicable)
- Microphone
- Speaker
- CanBus Decoder
- Backup Camera

Packing List

				
		Power Cable	RCA cable	
				
Reversing line	Tool	Antenna adapter cable	USB Cable	Frame
				
USB Cable *2	4G-Model	Microphone	Speaker	CanBus

This image displays the complete packing list, including the 13.1-inch display, power cables, RCA cables, reversing line, installation tools, antenna adapter, USB cables, frame, 4G module, microphone, speaker, CanBus, and backup camera.

Packing List

A detailed view of the components included in the package, such as the main unit, power cable, antenna adapter cable, RCA cable, reversing line, USB cables, camera, screwdriver, crowbar, speaker, microphone, and CanBus.

Installation Steps

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected before starting.
2. **Remove Existing Unit:** Carefully remove the factory car radio and trim panels using the provided tools. Refer to your vehicle's specific service manual for detailed removal instructions.
3. **Connect Wiring:**
 - Connect the main power harness to the vehicle's wiring.
 - Connect the RCA cables for audio output and input.
 - Attach the antenna adapter cable.
 - Connect the reversing line for the backup camera.
 - Connect the USB cables for external devices.
 - Integrate the CanBus decoder as per your vehicle's requirements to retain steering wheel controls and other factory features.
4. **Install Backup Camera (Optional):** If installing the backup camera, route the camera cable from the rear of the vehicle to the head unit and connect the reversing line.
5. **Mount the Unit:** Secure the AWESAFE 13.1 inch unit into the dashboard opening using the provided frame and mounting hardware.
6. **Reconnect Battery:** Reconnect the vehicle's battery.
7. **Initial Power-On:** Turn on the vehicle's ignition and power on the car radio. Follow any on-screen prompts for initial setup.
8. **Test Functions:** Verify all functions, including audio, touchscreen response, steering wheel controls, GPS, Bluetooth, CarPlay/Android Auto, and backup camera (if installed).

Note: Professional installation is recommended if you are unfamiliar with car audio system wiring.

OPERATING INSTRUCTIONS

13.1 inch Grand Display

The large 13.1-inch display provides a clear and expansive interface for all functions. Its high resolution (2000*1200) ensures sharp visuals for navigation, media, and applications. The touchscreen is capacitive, offering responsive and accurate input.

Resolution 2000*1200

13.1"
Screen

2000*1200
Resolution

1080P
VideoPlayback



This image highlights the 13.1-inch screen size and its 2000x1200 resolution, supporting 1080P video playback for a superior visual experience.

QLED Screen

2000*1200P
High Resolution



Another view emphasizing the 13.1-inch QLED screen with 2000x1200 high resolution.

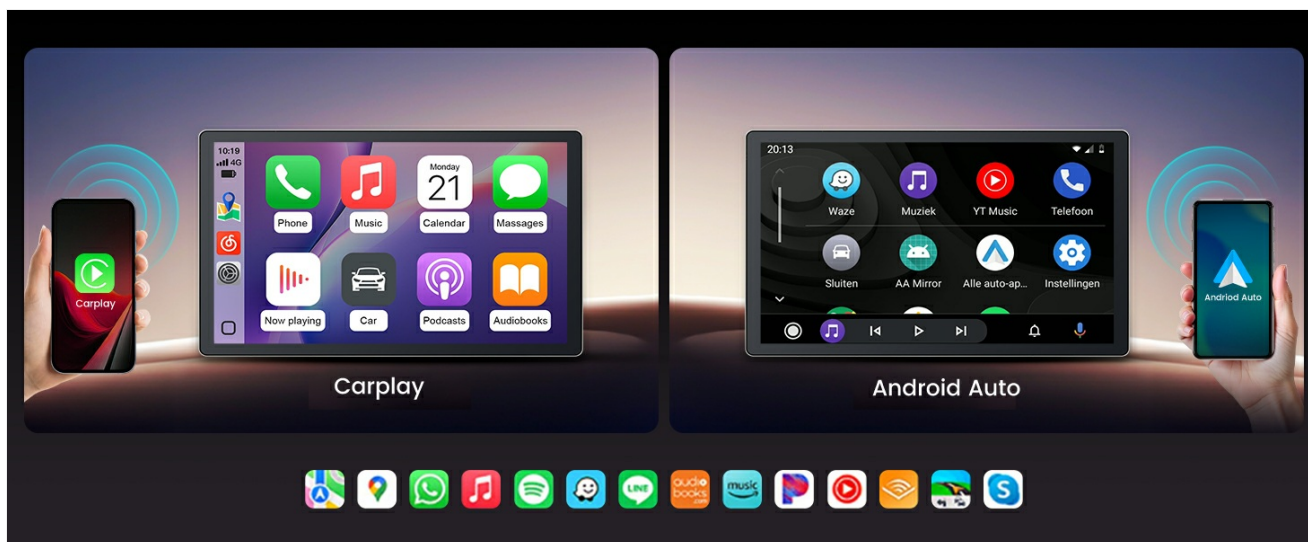
CarPlay & Android Auto

Connect your smartphone wirelessly or via USB to access CarPlay (for iPhone) or Android Auto (for Android phones). This allows for seamless integration of navigation, music, messaging, and calls directly on the car radio display.

- **Navigation:** Use your phone's map applications for real-time directions.
- **Music:** Stream music from your favorite apps.
- **Calls & Messages:** Make and receive calls, and send messages using voice commands or the touchscreen.



This image demonstrates the Wireless CarPlay and Android Auto functionalities, displaying phone calls, messages, navigation, music, and news applications on the large screen.



A visual comparison of the CarPlay and Android Auto interfaces, showing how they integrate with the car radio for navigation and media playback.

GPS Navigation

The unit features built-in GPS navigation with support for both online and offline maps. It provides accurate directions, real-time traffic updates, voice guidance, and customizable routes. Map types for North America are supported.



This image illustrates the GPS navigation capabilities, including 3D map views, 2D map views, and the option for offline maps, ensuring reliable navigation even without an internet connection.

Bluetooth Connectivity

Connect your phone via Bluetooth for hands-free calling and wireless audio streaming. The built-in microphone ensures clear communication during calls.

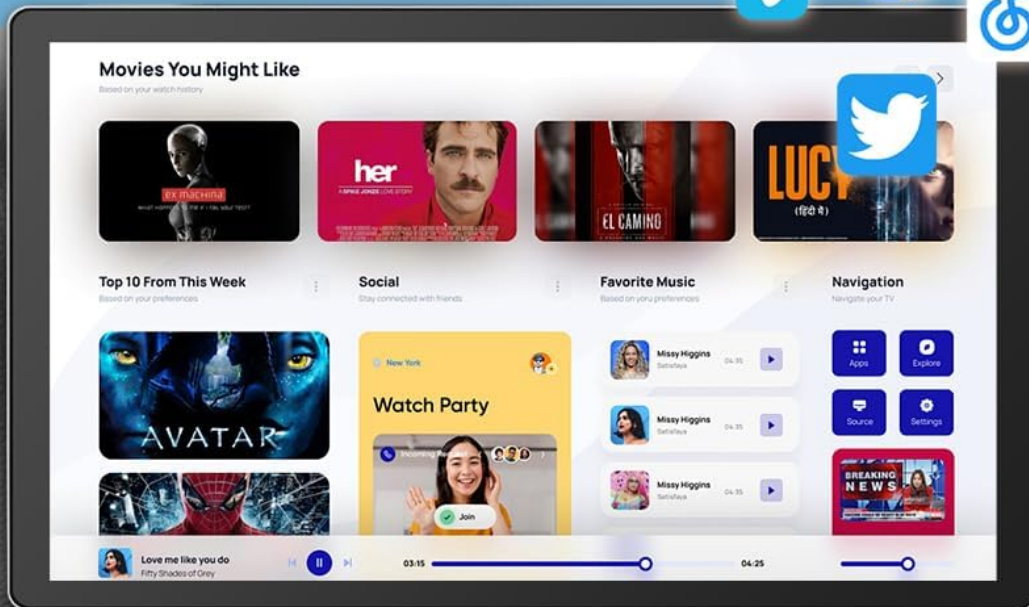
- **Hands-Free Calling:** Answer/make calls directly from the car radio.
- **Audio Streaming:** Play music from your phone wirelessly through the car's speakers.

5GHz WiFi

Equipped with 5GHz WiFi, the unit provides faster internet speeds when connected to a WiFi hotspot. This enables online navigation, streaming, and access to various applications.

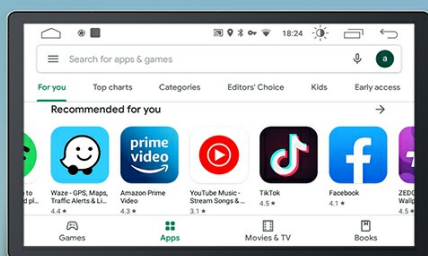
5GHz WiFi

Equipped with 5G Wifi to ensure faster speeds,after connected to WiFi,you can use GPS Navigation at anywhere.



This image highlights the 5GHz WiFi capability, allowing for faster data transfer and access to online applications such as YouTube, Google Maps, and social media platforms.

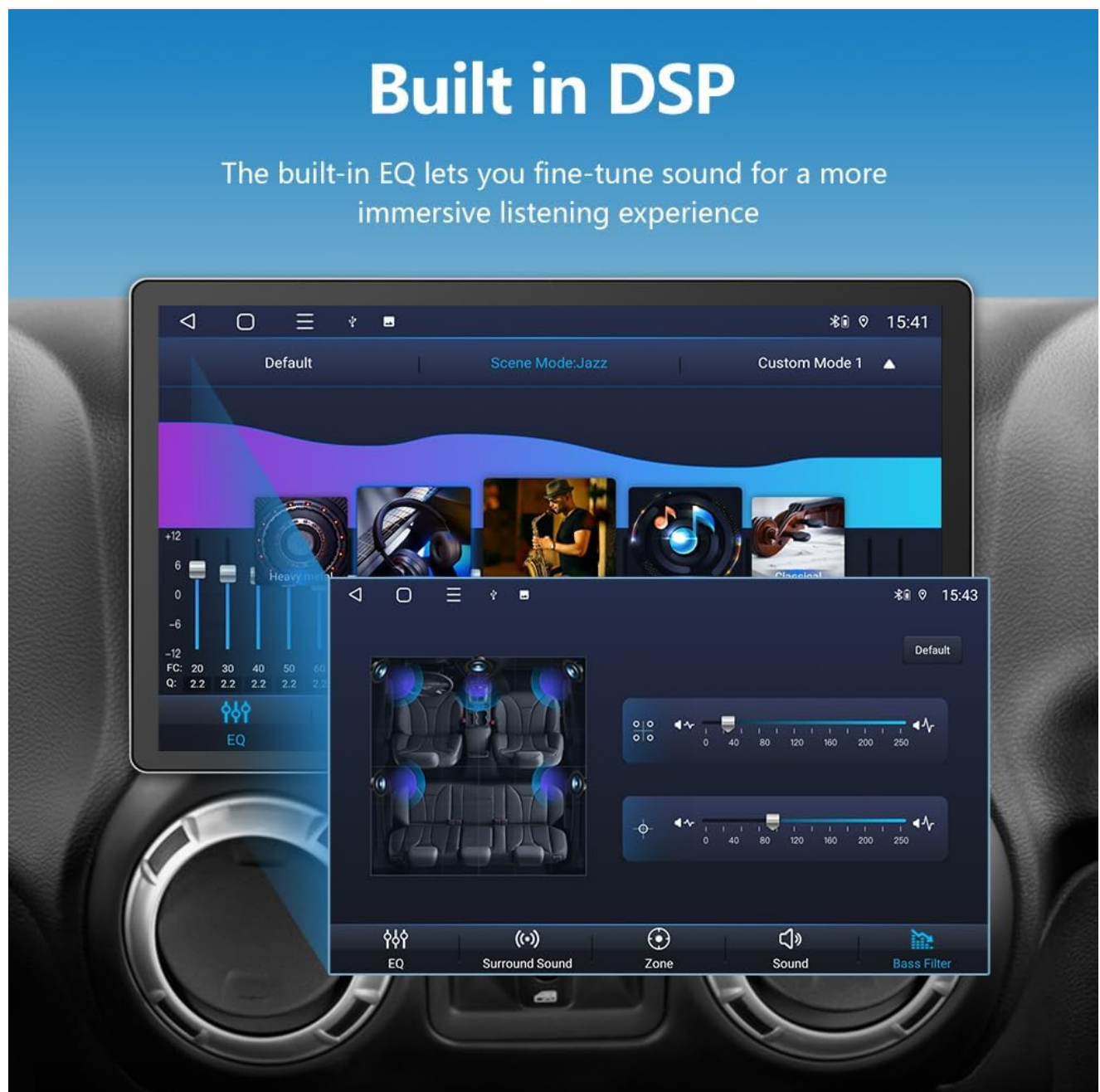
5GHz WiFi



Another illustration of the 5GHz WiFi feature, demonstrating access to a wide range of apps and media content for entertainment and utility.

Built-in DSP (Digital Signal Processor)

The integrated DSP allows for fine-tuning of audio settings, providing a customizable and immersive listening experience. Adjust equalizer settings, sound stage, and bass filters to match your preferences.



This image displays the user interface for the built-in Digital Signal Processor (DSP), allowing users to adjust equalizer settings, surround sound, zone audio, and bass filters for a personalized audio experience.

FM/AM Radio

Enjoy traditional FM/AM radio with real-time traffic, news, and weather updates. The unit supports RDS (Radio Data System) for enhanced information display.

FM/AM Radio

Enjoy FM/AM radio with real-time traffic, news, and weather updates.



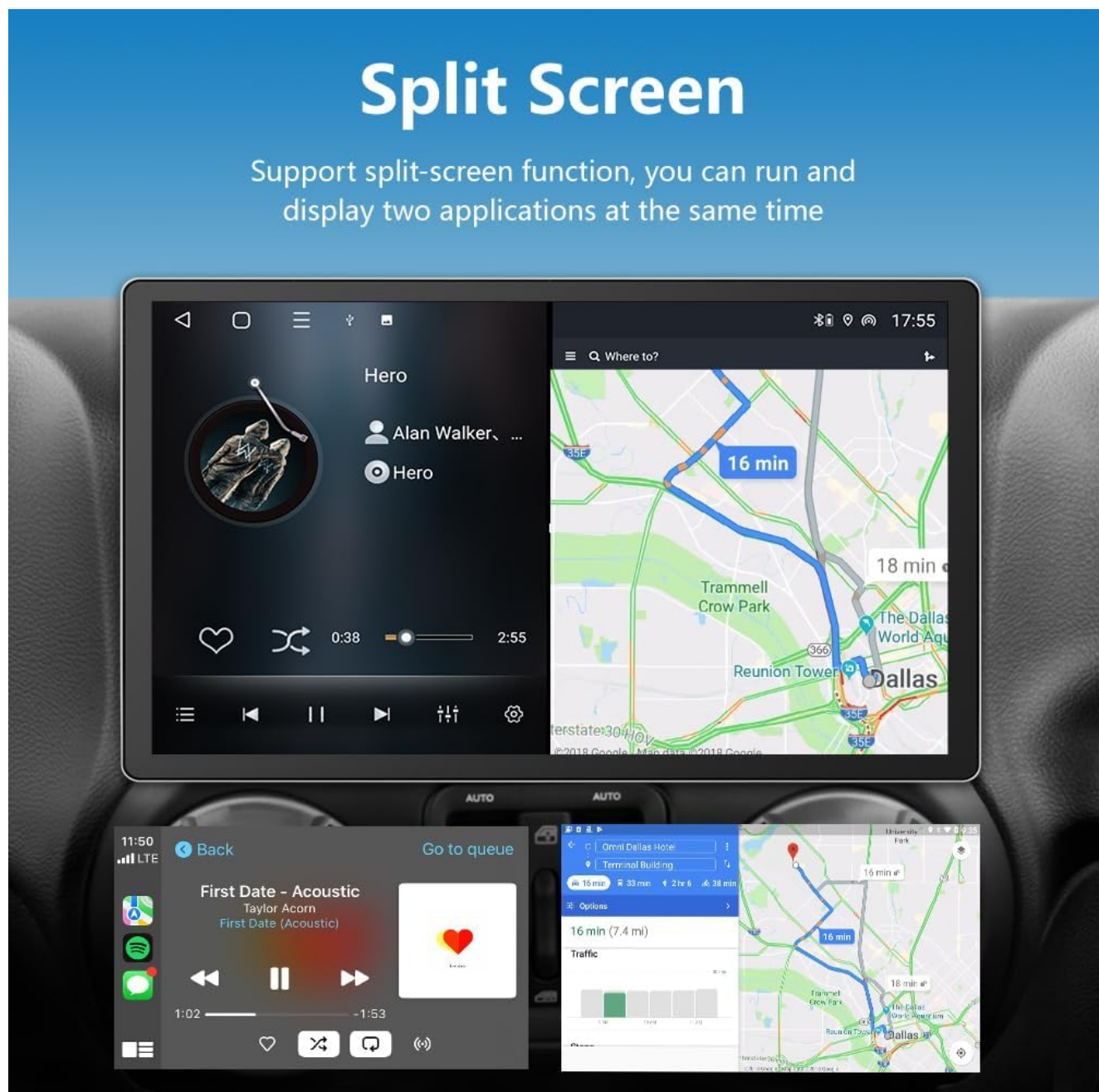
This image illustrates the FM/AM radio interface, showing frequency tuning, station presets, and the ability to receive real-time traffic and news updates.



Another view of the FM/AM radio interface, displaying various preset frequencies and the radio signal waves.

Split Screen Functionality

The split-screen feature allows you to run and display two applications simultaneously. For example, you can have navigation open on one side and music playback on the other.



This image demonstrates the split-screen function, allowing two applications, such as a navigation map and a music player, to be displayed and operated simultaneously on the 13.1-inch screen.

Steering Wheel Control (SWC)

The unit supports your vehicle's original steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. This feature requires proper CanBus integration during installation.



This image illustrates the Steering Wheel Control (SWC) functionality, showing how various buttons on the steering wheel can be programmed to control the car radio's functions like volume, track changes, and call management.

Backup Camera

The included backup camera provides a clear view of the area behind your vehicle when reversing, enhancing safety and assisting with parking maneuvers. The display automatically switches to the camera feed when the vehicle is in reverse gear.



This image displays the backup camera view on the car radio screen, complete with dynamic parking guidelines to assist with safe reversing and parking.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates through the unit's settings or the manufacturer's website to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure all connections remain secure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure vehicle battery is charged.

Problem	Possible Cause	Solution
No sound or distorted audio.	Incorrect wiring, speaker issues, volume too low, DSP settings.	Verify speaker wiring. Check volume levels and mute status. Adjust DSP equalizer settings.
Touchscreen unresponsive.	Software glitch, screen damage, calibration needed.	Restart the unit. If issue persists, perform a factory reset (refer to settings menu). Contact support if physical damage is suspected.
GPS not acquiring signal or inaccurate.	Poor satellite reception, outdated maps, software issue.	Ensure the GPS antenna has a clear view of the sky. Update map data. Check GPS settings.
CarPlay/Android Auto not connecting.	Incorrect cable, phone settings, software incompatibility.	Use a certified USB cable. Check phone's CarPlay/Android Auto settings. Ensure phone OS is up to date. Try restarting both phone and head unit.
Backup camera not displaying.	Loose connection, incorrect video format, camera malfunction.	Check the reversing line connection. Verify the video format setting (e.g., NTSC) in the unit's software. Ensure the camera is powered.

SPECIFICATIONS

Feature	Detail
Brand	AWESAFE
Model Name	13.1 inch 8 Core Car Radio Stereo
Screen Size	13.1 inches
Resolution	2000 x 1200 (or 1280 x 720, depending on specific model variant)
Operating System	Android 12
Processor	8 Core
Memory Storage Capacity	32 GB (Internal)
Connectivity Technology	Bluetooth, 5GHz WiFi
Special Features	Touchscreen, CarPlay, Android Auto, GPS Navigation, Built-in DSP, FM/AM Radio, Split Screen, Steering Wheel Control Support, Backup Camera Support
Map Type	North America
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Compatible Vehicle Types	SUV, Truck (Specific models listed in Introduction)
Item Dimensions L x W x H	13.1"L x 13.1"W x 13.1"H (Note: This likely refers to the screen diagonal and general dimensions, not a cube)

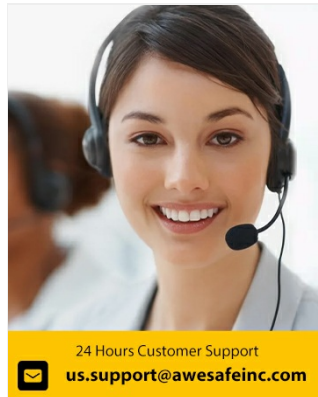
WARRANTY AND SUPPORT

AWESAFE products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official AWESAFE website.

For technical support, troubleshooting assistance, or any inquiries regarding your AWESAFE car radio stereo, please contact our customer support team:

Email: us.support@awesafeinc.com

Online Support: Visit the [AWESAFE Store on Amazon](#) for additional resources and contact options.



AWESAFE offers 24-hour customer support via email at us.support@awesafeinc.com.