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 - > j Junsun Android 12 Car Radio Stereo Instruction Manual for Dodge Ram 1500 2500 2009-2012 and Jeep Wrangler JK 2008-2018

j Junsun RM

j Junsun Android 12 Car Radio Stereo Instruction Manual

Model: RM | Brand: j Junsun

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your j Junsun Android 12 Car Radio Stereo. Please read this manual thoroughly before installation and use to ensure proper function and safety. This unit is designed to enhance your driving experience with advanced features such as Wireless CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, and Wi-Fi support.



Image: Junsun Android 12 Car Radio Stereo installed in a vehicle dashboard, displaying its main interface.

APPLICABLE CAR MODELS

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

- For Jeep Wrangler: 2007-2018
- For Jeep Compass: 2009-2016
- For Jeep Patriot: 2009-2016
- For Jeep Grand Cherokee: 2005-2011
- For Jeep Liberty: 2008-2011
- For Jeep Commander: 2008-2011
- For Chrysler Sebring: 2007-2010
- For Town&Country: 2007-2010
- For Dodge Grand Caravan: 2011-2014

- For Dodge Charger: 2008-2010
- For Dodge Ram Pickup 1500/2500/3500: 2009-2012



Image: Examples of the Junsun car radio installed in compatible vehicle dashboards.

WHAT'S IN THE BOX

The package includes the following components:

- Car Radio Unit (10-inch display)
- RCA Cable
- Microphone
- CanBus Decoder
- Crowbar (for trim removal)
- Screwdriver
- Reversing Line (for backup camera connection)
- Power Cable Harness
- USB Cables (x2)
- Radio Antenna
- GPS Module
- Dash Kit (specific to vehicle model)
- Antenna Adapter Cable



Image: All components included in the Junsun car radio package.

SETUP AND INSTALLATION

The j Junsun car radio is designed for plug-and-play installation, supporting steering wheel controls and factory backup cameras (additional adapter may be required for some factory cameras). Professional installation is recommended if you are unfamiliar with car audio systems.

General Installation Steps:

1. **Preparation:** Ensure the vehicle's ignition is off and the battery is disconnected.
2. **Remove Factory Radio:** Carefully remove the existing factory radio and trim using the provided crowbar and screwdriver.
3. **Connect Wiring Harness:** Connect the provided plug-and-play power harness to the vehicle's wiring. Refer to the wiring diagram for specific connections (RCA, GPS, Microphone, etc.).
4. **Install CanBus Decoder:** Connect the CanBus decoder as per the wiring diagram to ensure proper communication with vehicle systems (e.g., steering wheel controls).
5. **Connect Peripherals:** Attach the GPS module, microphone, USB cables, and radio antenna. If installing a backup camera, connect the reversing line.
6. **Test Functionality:** Before fully securing the unit, reconnect the battery and test basic functions: power on/off, audio, steering wheel controls, and any connected accessories.
7. **Secure Unit:** Once tested, mount the new car radio securely into the dashboard opening and reattach any removed trim pieces.

Before Installation



After Installation



Image: Before and after installation view of the Junsun car radio in a dashboard.

GPS Navigation

Built in offline map, support online and offline navigation application.

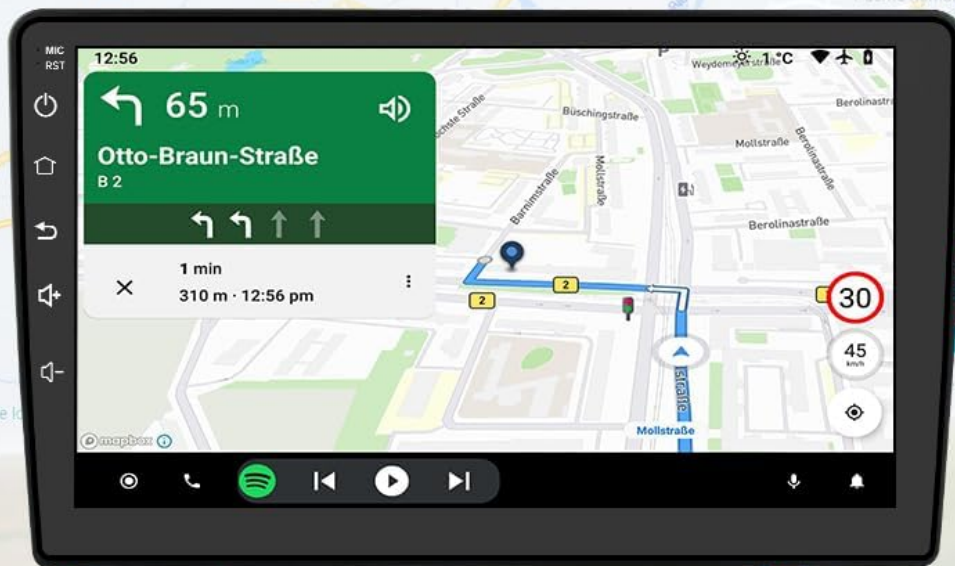


Image: Wiring diagram illustrating connections for the Junsun car radio.

OPERATING INSTRUCTIONS

Wireless CarPlay / Android Auto

The unit supports both Wireless CarPlay and Wireless Android Auto. Connect your smartphone via Bluetooth to enable these features. Once connected, you can access your phone's functions such as music, navigation, calls, and messages directly from the car radio display, often with voice control capabilities.

Wireless/Wired CarPlay



Wireless/Wired Android Auto



Image: Display showing Wireless CarPlay and Android Auto interfaces.

GPS Navigation

The built-in GPS module supports both online and offline navigation applications available from the Google Play app market. Download your preferred navigation app and maps for reliable guidance during your travels.



RCA Cable



Mircophon



CanBus



Crowbar



Screwdriver



Reversing line



Power Cable



USB Cable



USB Cable



Radio Antenna



GPS Module

Image: GPS navigation map displayed on the car radio screen.

Bluetooth Connectivity

Utilize the fast-matching Bluetooth connection for hands-free calling and audio streaming. The built-in microphone allows you to answer or make calls safely, keeping your hands on the steering wheel. Control music playback directly from the unit.

Bluetooth

Built-in bluetooth lets you make hands-free calling and listen to the music.

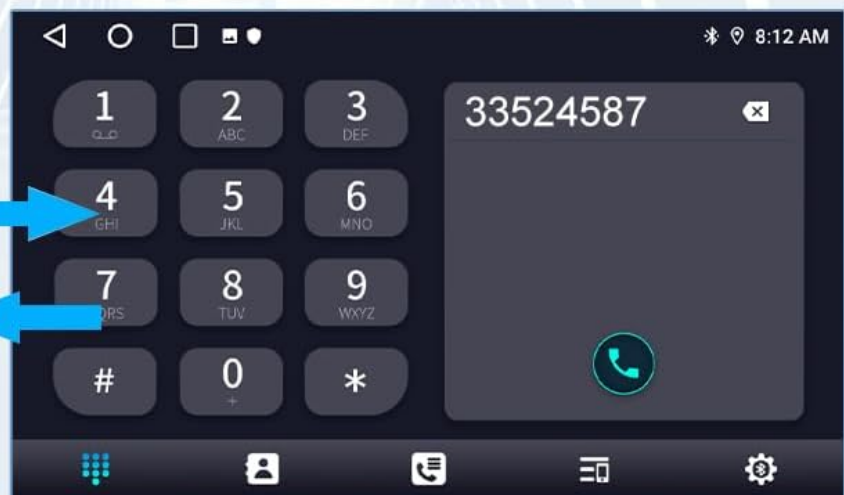
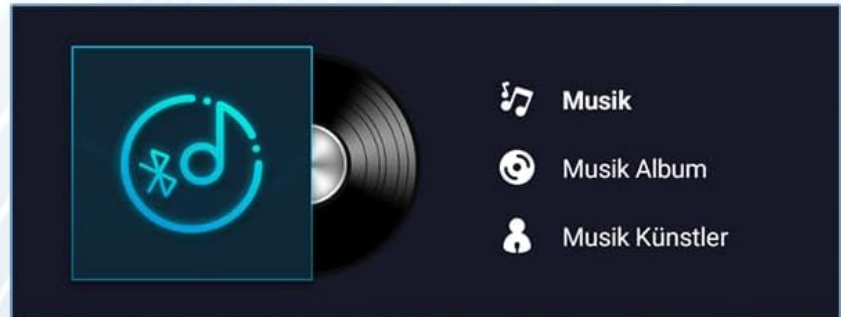


Image: Bluetooth calling and music interface on the car radio.

Wi-Fi Support

Connect the unit to a Wi-Fi hotspot to access the internet. This enables online music streaming, online navigation maps, app downloads, and other internet-dependent functions directly from your car radio.

Support WIFI

Easy to connect to wifi hotspot and access the internet in car, such as online music, online navigation maps.



Image: Car radio screen demonstrating Wi-Fi connectivity and online content access.

Steering Wheel Control

The unit supports integration with your vehicle's existing steering wheel controls. This allows you to manage audio playback, answer calls, and navigate menus without taking your hands off the wheel. Configuration may be required in the unit's settings.



Image: Steering wheel control interface on the car radio.

Split Screen Functionality

Enhance multitasking with the split-screen feature, allowing you to run two applications simultaneously. For example, you can view navigation maps on one side of the screen while controlling music playback on the other.

- 1 Radio Antenna
- 2 GPS Module
- 3 Microphone
- 4 ISO Wiring Harness
- 5 Can Bus
- 6 Audio Plug
- 7 Audio Plug
- 8 Audio Plug
- 9 Can Bus Special port
- 10 Camera Cable

Car with Amplifier (Alpine or Infinity system)	Car without Amplifier
4Pin	8 Pin

RCA Cable

1 AMP Control Cable	6 AUX Out,Video Output
2 AUX LIN,Audio Input Left	7 AUX VIN,Video Input
3 AUX RIN,Audio Input Right	8 AUX VIN2,Video Input
4 RCA FL,Audio Output Left	9 Sub,Subwoofer Output
5 RCA FR,Audio Output Right	10 Mic,Microphone Port

Image: Split-screen display showing navigation and music simultaneously.

Built-in DSP (Digital Sound Processor)

The integrated DSP allows for advanced audio customization. Adjust equalizer settings, balance, fader, and sound field to optimize the audio output for your vehicle's acoustics and personal preferences.



Image: DSP interface for audio customization.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures. While designed for automotive use, prolonged exposure to very high or low temperatures can affect performance.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues or loss of functionality.

TROUBLESHOOTING

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

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.
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 settings.
CarPlay/Android Auto not connecting	Bluetooth not paired, app issues, phone settings.	Ensure Bluetooth is enabled and paired. Restart phone and car radio. Check phone's CarPlay/Android Auto settings. Update ZLINK5 app if applicable.
GPS not acquiring signal	GPS antenna placement, outdated maps, software glitch.	Ensure GPS antenna has a clear view of the sky. Update navigation app and maps. Perform a system reset.

Problem	Possible Cause	Solution
Steering wheel controls not working	CanBus connection issue, incorrect configuration.	Verify CanBus decoder connection. Configure steering wheel controls in the unit's settings menu.
Unit displays "SAFE MODE"	Software error, system instability.	Press the RST (Reset) button, usually a small pinhole. If persistent, contact customer support.

SPECIFICATIONS

- **Display Size:** 10 Inches
- **Item Weight:** 3.7 pounds
- **Product Dimensions:** 8 x 6 x 5 inches
- **Model Name:** RM
- **Brand:** j Junsun
- **Manufacturer:** j Junsun
- **Vehicle Service Type:** Car
- **Special Feature:** Touchscreen
- **Connectivity Technology:** Wi-Fi, Bluetooth
- **Map Type:** North America (supports various navigation apps)
- **Audio Output Mode:** Stereo
- **Voice Command:** Microphone enabled

WARRANTY INFORMATION

This j Junsun car radio stereo comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries, please contact our customer support team. We are available to assist you.
Email: Junsun-US@outlook.com



Image: Junsun customer support representative.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

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

Submit question

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