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> [Junsun 2G+64G Car Stereo Radio for Dodge Ram 1500 2500 3500 \(2013-2019\) - Instruction Manual](#)

Junsun 2G+64G Car Stereo Radio

Junsun 2G+64G Car Stereo Radio for Dodge Ram 1500 2500 3500 (2013-2019) - Instruction Manual

Model: 2G+64G Car Stereo Radio

INTRODUCTION

Thank you for choosing the Junsun 2G+64G Car Stereo Radio. This manual provides essential information for the proper installation, operation, and maintenance of your new car stereo. Designed for Dodge Ram 1500, 2500, and 3500 models from 2013 to 2019, this unit features a 9-inch IPS HD touchscreen, wireless/wired CarPlay and Android Auto, 5G WiFi, Bluetooth 5.0, GPS navigation, steering wheel control (SWC), DSP, and AM/FM radio. Please read this manual thoroughly before use to ensure optimal performance and safety.

SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended to prevent damage to the unit or vehicle.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits and electrical hazards.
- **Check Compatibility:** Before purchasing and installation, ensure the unit is compatible with your vehicle's specific model, year, and AC type (manual AC).
- **Secure Wiring:** Ensure all wiring is properly connected, insulated, and secured to prevent interference, short circuits, or accidental disconnections.
- **Avoid Distractions:** Do not operate the unit or watch videos while driving. Always prioritize safe driving.

PACKAGE CONTENTS

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

- Head Unit (with 9-inch IPS HD Touchscreen)
- Frame (pre-installed on head unit)
- Wire Cables (main power harness, RCA cables, USB cables)
- Crowbar (installation tool)
- Speaker (external)
- USB Cable (x2)

- Power Cables
- RCA Cable
- External Microphone
- Canbus Decoder
- Antenna Adapter Cable
- RCA Cable to connect rear camera
- GPS Module



Image: All components included in the Junsun 2G+64G Car Stereo Radio package.

SETUP AND INSTALLATION

The installation process involves removing the original factory radio and fascia, connecting the new head unit, and securing it in place. It is a plug-and-play design, but careful attention to detail is required.

1. Removing the Original Unit

1. **Remove Top Dash Panel:** Use the provided crowbar tool to gently pry up and remove the top dash panel above the factory radio. This panel is typically held by clips.
2. **Unscrew Top Screws:** Once the top panel is removed, locate and unscrew the two screws securing the top of the factory radio assembly.
3. **Remove Side Panels:** Carefully pry off the side trim panels of the radio assembly. These are also typically held by clips.
4. **Unscrew Main Unit:** Locate and unscrew the main bolts/screws holding the factory radio unit in place. There are usually four larger bolts.
5. **Disconnect Cables:** Gently pull the factory radio unit forward and disconnect all electrical connectors from the back. Be careful not to damage any wires or connectors.

2. Installing the New Junsun Unit

1. **Prepare New Unit:** The Junsun head unit comes pre-installed in a new fascia designed for your Dodge Ram.
2. **Connect Wiring Harness:** Connect the provided main wiring harness to the corresponding ports on the back of the Junsun head unit.
3. **Connect CANBUS Decoder:** Connect the CANBUS decoder to the main wiring harness. This is crucial for retaining steering wheel controls and other vehicle data.
4. **Connect GPS Antenna:** Connect the GPS antenna to the designated port on the head unit. Route the antenna cable to a location on the dashboard or A-pillar with a clear view of the sky for optimal signal reception.
5. **Connect USB Cables:** Connect the two USB cables. These can be routed to the glove compartment or a custom-drilled hole for easy access.
6. **Connect External Microphone:** Connect the external microphone for improved call quality. Route it to a suitable location, such as near the rearview mirror or on the A-pillar.
7. **Connect Rearview Camera (Optional):** If installing an aftermarket rearview camera, connect its RCA cable to the 'Rear CAM In' port on the head unit. Ensure the reverse trigger wire is connected to the vehicle's reverse light signal.
8. **Connect Original Vehicle Connectors:** Connect the new wiring harness to the original vehicle connectors that were previously attached to the factory radio.
9. **Test Functionality:** Before fully reassembling, turn on the vehicle and test all functions of the new stereo: power, audio, CarPlay/Android Auto, Bluetooth, GPS, steering wheel controls, and rearview camera.
10. **Secure New Unit:** Carefully slide the new head unit assembly into the dashboard opening. Secure it with the screws removed earlier.
11. **Reinstall Panels:** Reattach the side trim panels and the top dash panel, ensuring all clips snap securely into place.

For Dodge Ram 2013-2019

1500 2500 3500 Manual AC



Image: Comparison of the dashboard before and after installing the Junsun Car Stereo.

Capacity Upgrade

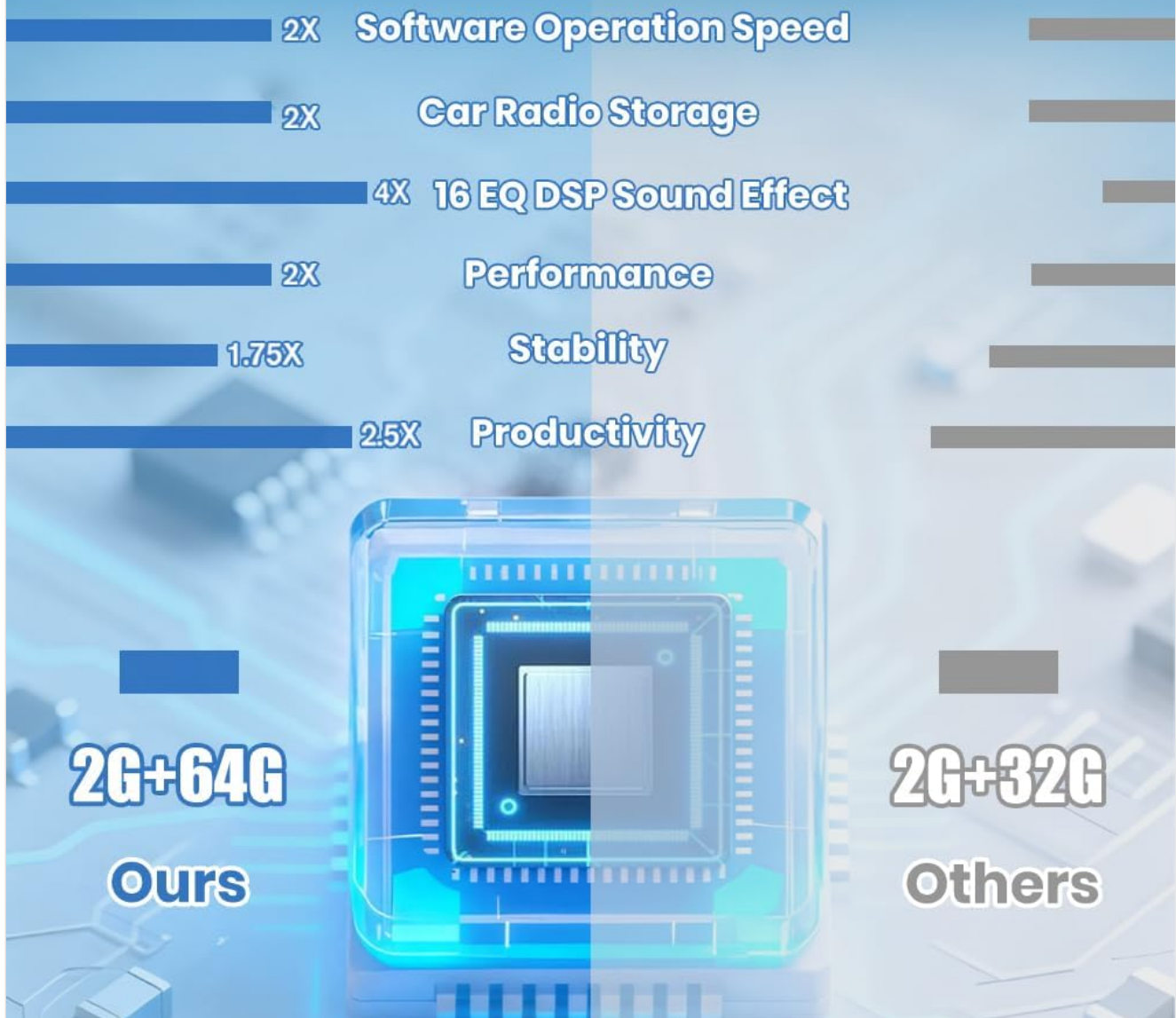


Image: Detailed wiring connections for the Junsun Car Stereo.

Installation Videos

Video: Installation guide for Dodge Ram 2013-2019 Aftermarket Radio. This video demonstrates the step-by-step process of removing the old unit and installing the new one.

Video: Installation video specifically for Dodge Ram radio with Auto AC. Provides visual instructions for the installation process.

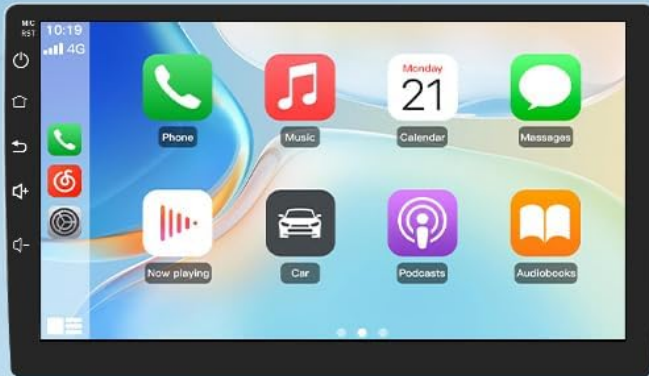
OPERATING INSTRUCTIONS

1. Wireless/Wired CarPlay & Android Auto

- **Wireless CarPlay:** Connect your iPhone via Bluetooth. Once paired, CarPlay will launch automatically, allowing access to navigation, music, calls, and messages.
- **Wired/Wireless Android Auto:** Connect your Android device via Bluetooth or USB. Android Auto provides a simplified interface for essential apps while driving.
- **Screen Mirroring:** Project your phone's screen onto the head unit for movies, games, or other content.

Built in Carplay Android Auto

You can choose wired connection or wireless connection to Carplay or Android Auto. By connecting your iPhone or Android phones, you can access mobile phone address book, notification, message, map navigation, music and so on.



Carplay



Android Auto

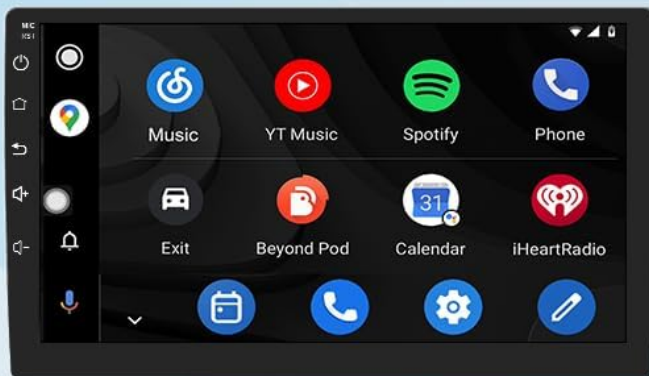


Image: User interface showing CarPlay and Android Auto functionality.

2. GPS Navigation

- The unit comes with built-in navigation software supporting online and offline maps.
- Connect to 5G WiFi to download map updates and access real-time traffic information.
- Use the touchscreen to input destinations and follow turn-by-turn directions.

GPS Navigation

Built in offline North American map. Also support online map, when you connect WiFi you can use the GPS navigation anywhere. By WiFi you can download or delete apps in APP Store, as the same as phone.



Image: GPS navigation interface displaying map and route information.

3. Steering Wheel Control (SWC)

- The unit retains your original steering wheel controls.
- Use SWC buttons to adjust volume, change tracks, answer/end calls, and navigate menus without taking your hands off the wheel.

Steering Wheel Control

You can adjusting the volume with the steering wheel control. Quickly switch songs and channels with your SWC Function, keep your attention and eyes on the road.



Image: On-screen display for programming and using steering wheel controls.

4. Bluetooth 5.0

- Pair your smartphone for hands-free calling and seamless music streaming.
- The external microphone ensures clear audio during calls.

5. AM/FM Radio

- Access high-quality FM/AM radio stations.
- Stay updated with traffic news and weather forecasts.

6. Digital Sound Processor (DSP)

- Customize your audio experience with the built-in 16-band EQ DSP sound effect.
- Adjust sound settings for optimal clarity and bass.

7. Rearview Camera

- When the vehicle is in reverse, the rearview image will automatically display on the screen.
- Provides parking assistance with guidelines.

Reversing Image

provide a rear view and parking assistance when the reverse gear engaged.



Image: Rearview camera display with parking guidelines.

8. Split Screen Function

- Multitask by running two applications simultaneously on the screen.
- For example, use navigation on one side and music playback on the other.

9. 5GHz WiFi Connectivity

- Connect to a WiFi hotspot for internet access, app downloads, and online navigation.

Operating Videos

Video: Demonstration of various features including reverse camera, voice commands, navigation, DSP, and video playback on the car stereo.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and exterior of the unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** The unit supports wireless software updates to address bugs and enhance security. Access the update feature through the system settings. Note that these updates improve software usability and do not upgrade the Android version.
- **Temperature:** Avoid exposing the unit to extreme temperatures.

TROUBLESHOOTING

| Issue | Solution |
|--|--|
| Android Auto shows loading but can't connect | Ensure your phone's WiFi is on. If your phone's Android version is higher than supported, contact customer support for an update method. |
| Steering Wheel Controls not working | Ensure the CANBUS TX/RX cables are correctly connected. Incorrect connection will prevent SWC functionality. |
| Loss of reverse warning or turn signal tone | Ensure the external speaker is connected. If not connected, these warning tones may disappear. |

SPECIFICATIONS

- **Brand:** Junsun
- **Vehicle Service Type:** Truck (Dodge Ram 1500, 2500, 3500, 2013-2019)
- **Screen Size:** 9 Inches
- **Display Type:** IPS HD Touchscreen (1280x720 pixels)
- **Operating System:** Android 13
- **Memory:** 2GB RAM, 64GB ROM
- **Connectivity Technology:** Bluetooth 5.0, 5G Wi-Fi, USB
- **Special Features:** Wireless/Wired CarPlay, Android Auto, Screen Mirroring, GPS Navigation (North America maps), Steering Wheel Control (SWC), DSP, AM/FM Radio, Rearview Camera support.
- **Control Method:** Touch, Voice
- **Included Components:** Head unit, Frame, Wire cables, Crowbar, External Speaker, USB cables, RCA cables, Canbus, Antenna Adapter, GPS Module.
- **Item Weight:** 1.7 Kilograms

WARRANTY AND SUPPORT

Your Junsun Car Stereo Radio comes with a **1-year manufacturer's warranty**. For any inquiries, technical assistance, or issues, please contact our professional after-sales support team. They are available 24/7 to provide quick responses and product knowledge assistance.

Contact Support: Junsun-US@outlook.com

