Junsun Junsun Single DIN Car Stereo

Junsun Single DIN Car Stereo User Manual

Model: Junsun Single DIN Car Stereo with CarPlay and Android Auto

Brand: Junsun

Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Junsun Single DIN Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Figure 1: Junsun Single DIN Car Stereo with reversing camera, microphone, and mobile phone screens showing CarPlay and Android Auto

interfaces.

Setup and Installation

Before beginning installation, ensure your vehicle is compatible with a 1 DIN central control unit. The standard 1 DIN size is 180mm x 50mm. If your car has a standard 2 DIN dashboard, a frame may be required for proper installation.

Package Contents

Verify that all items are present in the package:



Figure 2: Contents of the Junsun Single DIN Car Stereo package, including the radio unit, reversing camera kits, power cable, installation tools, external microphone, removal keys, and user manual.

- Car Stereo Unit
- Reversing Camera Kit
- Power Cable Harness

- Installation Tools (e.g., removal keys, screwdriver)
- External Microphone
- User Manual

Installation Steps

Follow these general steps for installation. Professional installation is recommended if you are unfamiliar with car audio systems.

1. **Remove Existing Head Unit:** Carefully remove your car's current stereo unit. Use the provided removal keys if applicable.
2. **Connect Wiring Harness:** Connect the new stereo's power cable harness to your vehicle's wiring. Refer to the wiring diagram for correct connections.



Figure 3: Detailed cable connection diagram showing speaker outputs (A), power and control wires (B), and RCA/video inputs (C). This diagram is crucial for proper wiring.

- **Speaker Connections (A):** Connect the violet, violet/black, gray, gray/black, white, white/black, green, and green/black wires to their corresponding speaker positive and negative terminals.

- **Power & Control Connections (B):**
  - Pink: Parking Sensor Control Wires (REAR)
  - Orange: Steering wheel key control cable (KEY2)
  - Brown: Steering wheel key control cable (KEY1)
  - Yellow: Constant power supply 12V(B+)
  - Blue: Turning on the antenna power amplifier (ANT)
  - Green: Headlight Detection Cable (ILL)
  - Red: Positive power supply +12V (ACC)
  - Black: Negative Power Supply (GND)
- **RCA & Video Inputs (C):**
  - RCA L (Left Audio)
  - RCA R (Right Audio)
  - VIDEO OUTPUT 1
  - SUB OUTPUT
  - VIDEO INPUT
  - Reverse video input
  - FM Radio antenna

3. **Install Reversing Camera (Optional):** If using the reversing camera, connect its video cable to the "Reverse video input" on the stereo. Connect the camera's power wires to your car's reverse light circuit.



Figure 4: Diagram illustrating the connection of the reversing camera. The camera's video output connects to the stereo's reverse video input, and its power wires connect to the car's reverse light for automatic activation.

4. **Connect External Microphone:** Plug the external microphone into the designated port on the stereo.
5. **Secure the Unit:** Slide the stereo into the dashboard opening and secure it using the mounting brackets or screws.
6. **Test Functionality:** Before fully reassembling the dashboard, turn on the car and test all functions of the stereo, including audio, radio, CarPlay/Android Auto, and the reversing camera.



Figure 5: Comparison showing a standard 1-DIN car stereo dashboard before and after installation of the Junsun Single DIN Car Stereo, highlighting the improved display and interface.

Operating Instructions

Basic Operation

- **Power On/Off:** Press the power button (usually a rotary knob) to turn the unit on or off.
- **Volume Control:** Rotate the knob or use the touch screen controls to adjust volume.
- **Mode Selection:** Use the touch screen interface to switch between modes such as Radio, CarPlay, Android Auto, Bluetooth, USB, and AUX.

CarPlay & Android Auto

The unit supports both wireless and wired CarPlay/Android Auto functionality.



Figure 6: Visual representation of CarPlay and Android Auto interfaces on the Junsun stereo, showing connection options via USB for wired connection and wireless capabilities.

- **Wired Connection:** Connect your smartphone to the unit's USB port using your original mobile phone USB data cable.
- **Wireless Connection:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. Follow the on-screen prompts on the stereo to pair your device for wireless CarPlay or Android Auto.
- **Features:** Once connected, you can access navigation (e.g., Waze, Google Maps), make calls, send/receive messages, play music, and use voice assistants (Siri/Google Assistant).

Bluetooth Functionality

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

1. Enable Bluetooth on your smartphone and the car stereo.
2. Search for available devices on your phone and select "Junsun Car Stereo" (or similar name).
3. Confirm the pairing code if prompted.
4. Once connected, you can make/receive calls directly from the stereo and stream music.

FM Radio

The unit features an FM radio tuner. Note that an FM radio antenna is not included and requires your car's existing antenna.



Figure 7: Display showing the FM radio interface and highlighting the Type-C, TF (Micro SD), and USB ports for charging and media playback.

- **Tuning:** Use the touch screen to scan for stations or manually tune to a frequency.
- **Presets:** Save your favorite stations to preset buttons for quick access.
- **Note:** Currently, only FM radio stations are supported, and station names may not be displayed.

USB, Type-C, and TF Card Playback

The stereo is equipped with USB, Type-C, and TF (Micro SD) card ports for media playback and charging.

- **Type-C Port:** Primarily for fast charging mobile phones. Not designed for data transmission.
- **USB Port:** Connect USB flash drives to play video and music files. Also used for wired CarPlay/Android Auto.

- **TF Port:** Insert a Micro SD card (not included) to play multimedia files.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Check the manufacturer's website periodically for any available firmware updates to ensure optimal performance and compatibility.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power cable connections (ACC and B+). Inspect vehicle's fuse box and the stereo's inline fuse. Ensure car battery is charged.
No sound from speakers.	Speaker wires disconnected; Volume too low; Mute function active.	Verify all speaker wire connections. Increase volume. Check if the unit is muted.
CarPlay/Android Auto not connecting.	Incorrect USB cable; Phone settings; Software glitch.	Use original USB data cable. Ensure CarPlay/Android Auto is enabled on your phone. Restart both phone and stereo. Check for software updates.
Reversing camera not displaying.	Camera wiring issue; Incorrect video input selected.	Check camera power and video signal connections. Ensure the "BACK" wire is correctly connected to the reverse light trigger.
Poor FM radio reception.	Antenna not connected; Weak signal area.	Ensure the car's FM antenna is securely connected to the stereo. Try tuning in a different location.

Specifications

Feature	Detail
Product Type	Single DIN Car Stereo
Compatibility	Universal 1 DIN central control units (180*50mm)
Connectivity	Wireless/Wired CarPlay, Wireless/Wired Android Auto, Bluetooth, FM Radio, USB, Type-C, TF Card
Display	Touchscreen (size not specified, but implied by images)
Included Accessories	Reversing Camera, External Microphone, Power Cable, Installation Tools
Power Supply	12V DC (standard car electrical system)
Item Weight	730 g
Package Dimensions	20.6 x 12.9 x 10.5 cm

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Junsun website. Keep your proof of purchase for warranty claims.

- **Returns Policy:** Refer to your retailer's return policy (e.g., Amazon's 30-day return policy).
- **Manufacturer Support:** Contact Junsun directly for product-specific technical assistance.
- **Online Resources:** Check the Junsun brand store on Amazon for additional information and FAQs:Junsun Store

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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.

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