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› j Junsun Android Car Radio Stereo System User Manual for BMW 3 5 Series E60 E90 E93 (8.8-inch Screen, 4GB+64GB)

j Junsun Android CarPlay Auto

j Junsun Android Car Radio Stereo System User Manual

For BMW 3 Series (E90, E91, E92, E93) and 5 Series (E60, E61, E63, E64) 2004-2008 CCC System

1. PRODUCT OVERVIEW

The j Junsun Android Car Radio Stereo System is an advanced 8.8-inch touchscreen upgrade designed for specific BMW models. It integrates modern features such as Wireless CarPlay, Android Auto, GPS navigation, and Bluetooth connectivity, while retaining essential original vehicle functions.

1.1 Applicable Car Models

- BMW 3 Series (E90, E91, E92, E93) 2004-2008
- BMW 5 Series (E60, E61, E63, E64) 2004-2008
- *Note: Compatible with CCC System vehicles.*

1.2 Key Features

- **8.8-inch HD Touchscreen:** Provides a clear and responsive display for all functions.
- **Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, music, calls, and messages.
- **GPS Navigation:** Built-in offline maps for North America and support for online navigation via Wi-Fi.
- **Bluetooth Connectivity:** Hands-free calling and wireless audio streaming.
- **High Performance:** Equipped with 4GB RAM and an Octa-Core CPU for smooth operation and 64GB ROM for app storage.
- **Original Function Retention:** Maintains compatibility with original vehicle features like steering wheel controls and iDrive.
- **Backup Camera Support:** Includes a backup camera for enhanced parking safety.
- **Split Screen Functionality:** Allows simultaneous use of two applications, such as navigation and music.
- **Built-in DSP:** Digital Sound Processor for improved audio quality.



Figure 1: The j Junsun 8.8-inch Android Car Radio Stereo System with integrated navigation and music display, accompanied by the included backup camera.

2. PACKAGE CONTENTS

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

- Main Head Unit (8.8-inch Screen)
- 4G Module
- Power Cable
- GPS Module
- USB Cable
- Backup Camera
- Crowbar (for trim removal)
- Video Input Cable
- Screwdriver



Figure 2: All components included in the Junsun Android Car Radio Stereo System package, including the main unit, cables, and tools.

3. INSTALLATION GUIDE

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation.

3.1 General Installation Steps

1. Carefully remove the original car radio and trim pieces using the provided crowbar and screwdriver.
2. Connect the new head unit's power cable to the vehicle's wiring harness.
3. Connect the GPS module and 4G module to the designated ports on the head unit.
4. Route and connect the USB cable to a convenient location.
5. Secure the new head unit in the dashboard opening.
6. Reinstall all trim pieces.



Figure 3: Visual comparison of the BMW dashboard before and after installation of the j Junsun Android Car Radio, demonstrating the integrated fit.

3.2 Backup Camera Installation

The included backup camera requires specific wiring. Follow these steps for proper connection:

- **For Auto AC:** Connect the P-CAM cable directly. No additional red cable connection is needed.
- **For Manual AC:** Connect the P-CAM cable and also connect the red cable to the positive position of the backup camera (ACC).

After physical installation, configure the camera type in the system settings:

1. Access "Car Info" from the main menu.
2. Navigate to "General setting".
3. Select "Rear camera type" and choose "Aftermarket rear camera (AHD)".

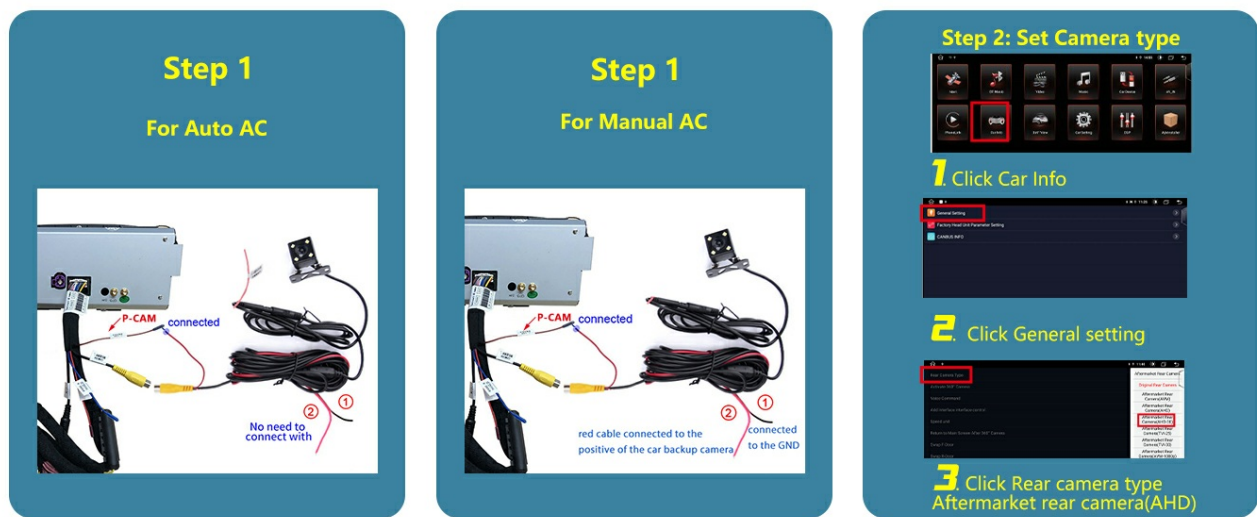


Figure 4: Detailed steps for connecting the backup camera, differentiating between automatic and manual AC systems, and configuring camera settings.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The system powers on automatically with the vehicle's ignition. To power off, turn off the vehicle's ignition.

4.2 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly via Bluetooth to enable CarPlay or Android Auto. This allows access to phone functions such as music, navigation, calls, and messages directly on the car's display. Voice control is supported.

Wireless CarPlay/Android auto



CarPlay



Android Auto



Figure 5: The system displaying Wireless CarPlay and Android Auto interfaces, illustrating smartphone connectivity.

Wireless Apple CarPlay Wireless Android Auto



4.3 GPS Navigation

The unit comes with built-in offline maps for North America. For online navigation, connect the unit to a Wi-Fi network. You can install or delete Android navigation applications from the Application Store.



Figure 7: The GPS navigation interface, displaying map data and route information.

4.4 Bluetooth Functions

Pair your phone via Bluetooth to make and receive calls hands-free. The built-in microphone captures your voice, and car speakers provide audio. You can also stream music wirelessly from your device.



Figure 8: Bluetooth connectivity features, including hands-free calling and music streaming.

4.5 Split Screen Mode

The split-screen feature allows you to run two applications simultaneously, such as navigation on one side and music playback on the other.

Split Screen

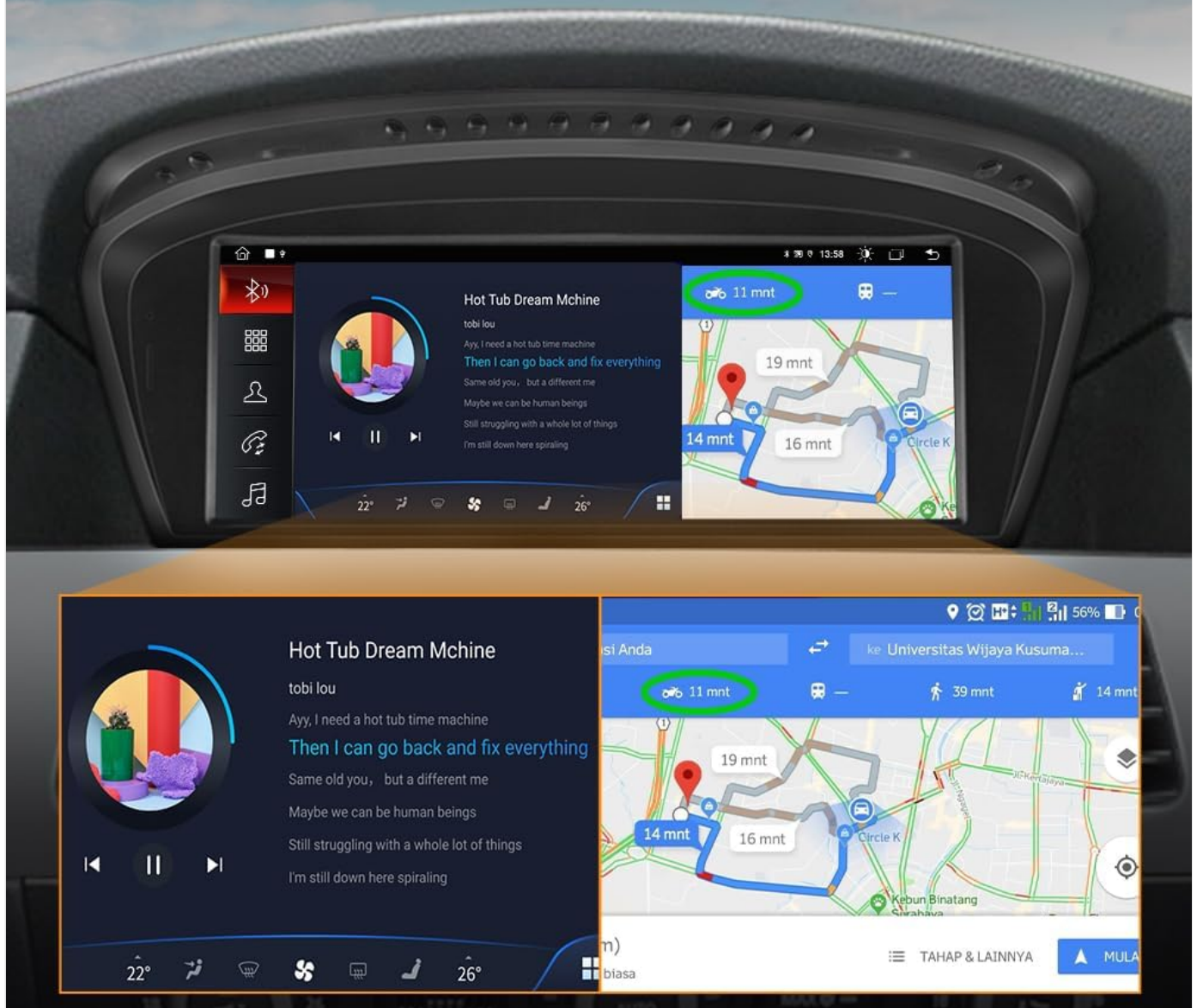


Figure 9: The split-screen feature, allowing simultaneous display of navigation and media playback.

4.6 Retaining Original Vehicle Functions

The system is designed to integrate with and retain the functionality of your original BMW car system. You can switch between the Android system and the original car interface. Steering wheel controls and iDrive controller functions (e.g., changing songs, adjusting volume, making calls) remain compatible.

Retain Original function



Figure 10: The interface demonstrating retention of original vehicle functions such as speed, parking brake status, seat belt alerts, fuel level, and door information.

Steering Wheel Control

Support Car Steering Wheel Control: quickly switch your songs/ volumes/ calls with your SWC Function



Original Car System

Keep the original car system and all functions, with additional android system, you can switch between the two system freely.



Compatible iDrive Control

Compatible with original iDrive car system, change songs, channel and volume adjustment, make and receive calls.



Figure 11: Features demonstrating integration with original vehicle controls: steering wheel controls, retention of the original car system interface, and compatibility with iDrive.

4.7 App Support

The Android system allows you to install and use various applications from the Application Store, similar to a smartphone, expanding the unit's functionality.

Support More APPs

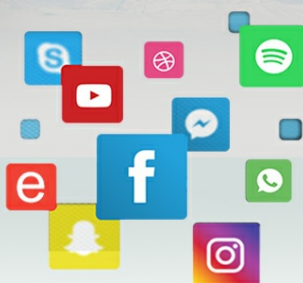


Figure 12: The system's capability to support various Android applications, similar to a smartphone.

5. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found in the system settings or on the manufacturer's website.
- **System Reset:** If the system experiences issues, a soft reset (power cycle) can often resolve them. Refer to the troubleshooting section for more advanced reset options.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring, blown fuse, vehicle ignition off.	Check power cable connections. Verify vehicle ignition is on. Inspect vehicle fuses.
No Sound	Incorrect audio wiring, volume too low, system muted, incorrect audio source selected.	Verify audio cable connections. Increase volume. Check if system is muted. Select correct audio source (e.g., AUX, Bluetooth).
Backup Camera No Signal	Incorrect camera wiring, incorrect camera type setting.	Review backup camera wiring (refer to Section 3.2). Ensure "Rear camera type" is set to "Aftermarket rear camera (AHD)" in settings.
CarPlay/Android Auto Not Connecting	Bluetooth not enabled, phone not paired, software glitch.	Ensure Bluetooth is on for both phone and head unit. Re-pair the phone. Restart both the phone and the head unit.
GPS Not Working	GPS antenna not connected, poor satellite signal, offline maps not downloaded.	Ensure GPS module is securely connected and positioned correctly. Move to an open area for better signal. Download necessary offline maps or connect to Wi-Fi for online maps.
System Freezes/Slow Performance	Too many apps running, low storage, software issue.	Close unnecessary applications. Clear cache. Perform a system restart. Consider a factory reset if issues persist (<i>Note: This will erase all user data</i>).

7. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	j Junsun
Model Name	Android CarPlay Auto
Display Size	8.8 Inches
RAM	4GB
ROM	64GB
CPU	Octa Core
Operating System	Android
Special Feature	Touchscreen
Connectivity Technology	USB, Bluetooth, Wi-Fi
Map Type	North America (Offline)
Audio Output Mode	Speaker, Stereo
Mounting Type	Dashboard Mount
Item Weight	4.71 pounds
Package Dimensions	12.44 x 7.95 x 6.42 inches

8. WARRANTY INFORMATION

This product comes with a **1-year warranty** from the date of purchase. The 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.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any inquiries regarding your j Junsun Android Car Radio Stereo System, please contact our customer support team.

Email: Junsun-US@outlook.com

We offer 24-hour technical support.



Figure 13: Contact information for customer support, including email for technical assistance.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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