Junsun XT812C

Junsun Android 13 Car Radio User Manual

For Toyota Corolla (2014-2016) - Model: XT812C

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Junsun Android 13 Car Radio. This unit is specifically designed for Toyota Corolla models manufactured between 2014 and 2016. It features a 10-inch HD touchscreen, 2GB RAM, 32GB ROM, built-in Wireless CarPlay/Android Auto, WiFi, GPS Navigation, and Bluetooth connectivity. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Image: The Junsun Android 13 Car Radio main unit with its 10-inch display showing a typical app interface.

VEHICLE COMPATIBILITY CHECK

Before proceeding with installation, it is crucial to verify that your vehicle's center control panel matches the compatible configuration. Refer to the image below to confirm compatibility.

FM Radio Function

Elevate your driving experience with our car radio, offering comprehensive FM, AM, and RDS channel support for easy access to news, music, and real-time traffic updates, enriching your time on the road.

Image: A comparison of two Toyota Corolla center control panel types. Type A is compatible with this car radio, while Type B is not. Ensure your vehicle's panel matches Type A.

If your car's center control panel matches 'B' in the image, this unit is not compatible with your vehicle.

SETUP AND INSTALLATION

Package Contents

Verify that all components are present in the package before beginning installation:

- Head unit (main display)
- Power cable
- RCA cable
- Microphone
- Can Bus decoder
- USB cable 1
- USB cable 2
- GPS Module
- Screwdriver
- Reversing line
- Crowbar (plastic trim removal tool)
- USB cable 3

	Power cable	RCA cable	Microphone
Can Bus	USB cable 1	USB cable 2	GPS Module
Screwdriver	Reversing line	Crowbar	USB cable 3

Image: A visual representation of all included components: the head unit, various cables (power, RCA, USB, reversing line), microphone, GPS module, Can Bus decoder, screwdriver, and crowbar.

Installation Overview

The Junsun Android 13 Car Radio is designed to replace the factory radio in your Toyota Corolla (2014-2016), providing a significant upgrade in functionality and display size.

Image: A split image showing the original factory radio in a Toyota Corolla dashboard (top) and the Junsun Android 13 Car Radio installed (bottom), highlighting the larger screen and modern interface.

Wiring Diagrams

Carefully follow the wiring instructions for your specific vehicle model. Incorrect wiring can damage the unit or vehicle electronics.

OEM Backup Camera Wiring

For vehicles with an existing OEM backup camera, use the provided wiring harness to integrate it with the new head unit. For low-end models without an OEM camera, no connection is required for this specific input.

Image: Diagram illustrating the wiring connections for OEM backup cameras using 16-pin and 24-pin connectors to the head unit's 10-pin input.

General Wiring for Low-end Models

High-end model

#8

(6pin)Front L/R Audio

(10pin)Power cable + Rear L/R Audio

CANBUS

CANBUS RX/TX

Radio Antenna

(28pin)Reversing detection

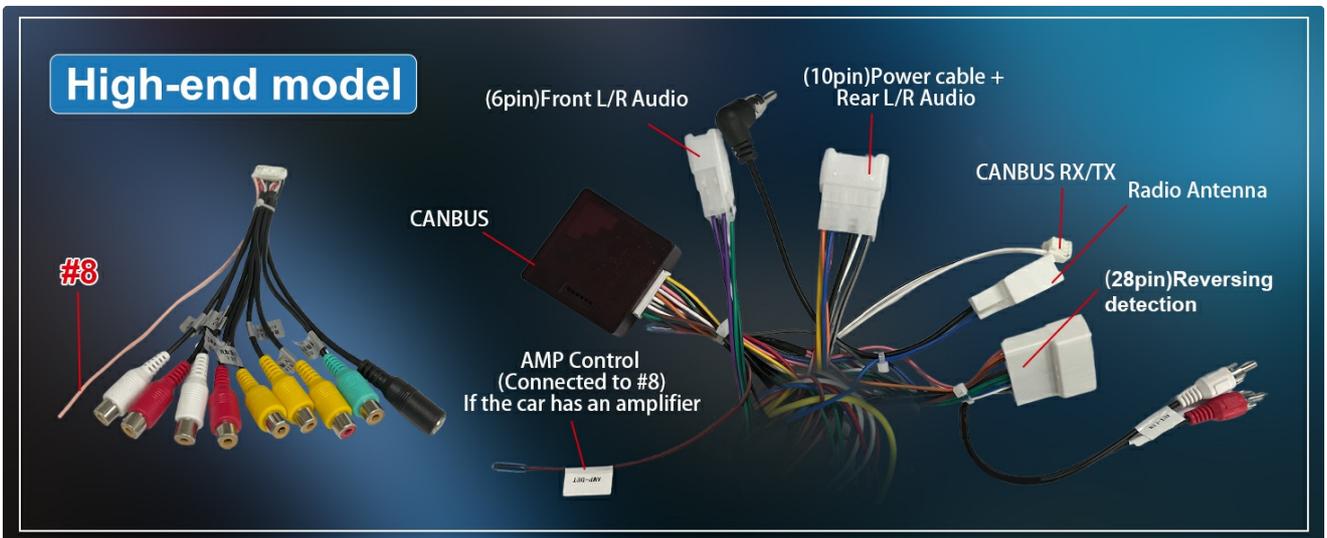AMP Control (Connected to #8) If the car has an amplifier

Image: Detailed wiring diagram for low-end car models, showing connections for power, audio (front L/R, rear L/R), CANBUS, AMP control, and radio antenna.

General Wiring for High-end Models

Low-end Model

#8

OEM SWC Connectors

CANBUS

(6pin)Front L/R Audio

(10pin)Power cable + Rear L/R Audio

AMP Control (Connected to #8) If the car has an amplifier
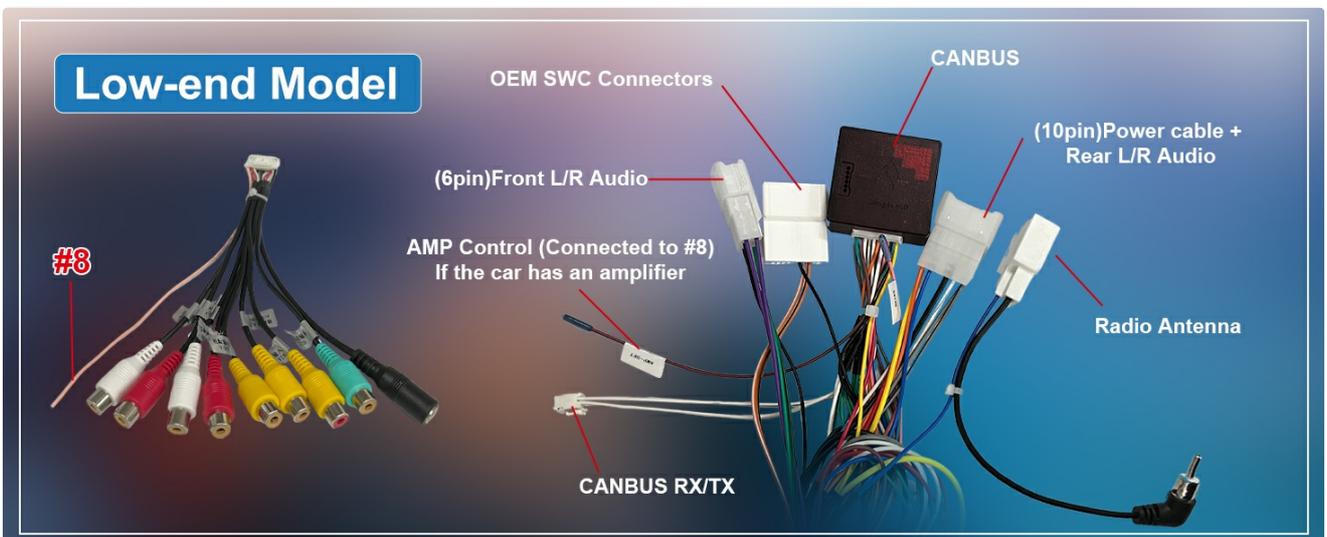
Radio Antenna

CANBUS RX/TX

Image: Detailed wiring diagram for high-end car models, including connections for power, audio (front L/R, rear L/R), CANBUS, AMP control, radio antenna, and reversing detection.

Steering Wheel Control (SWC) Integration

The unit supports retaining factory steering wheel controls. After physical installation, you may need to perform a 'steering wheel learning' procedure within the unit's settings to map the buttons correctly. Refer to the troubleshooting section if you encounter issues.

Image: A visual showing the car radio display with on-screen buttons for various functions (Power, Home, Back, Volume+, Volume-, Navi, Bluetooth) and a steering wheel with control buttons, indicating compatibility.

OPERATING INSTRUCTIONS

Basic Functions

The 10-inch HD touchscreen provides sensitive and fast response for all operations. The display offers vibrant colors and customizable brightness settings for optimal viewing day or night.

Wireless CarPlay and Android Auto

Connect your smartphone wirelessly via Bluetooth to access CarPlay or Android Auto. This feature projects your phone's

interface onto the car radio's large screen, allowing you to make calls, navigate, play music, and manage other apps using voice commands (Siri/Google Assistant) or the touchscreen.

Image: The car radio display showing the Wireless CarPlay interface with various app icons, alongside a smartphone displaying the CarPlay logo, illustrating seamless integration.

GPS Navigation and WiFi

The unit includes a built-in GPS module and supports both online and offline navigation applications available from the Google Play app market. Connect to WiFi to download maps and receive real-time traffic updates. Popular navigation apps like Google Maps, Here WeGo, and Waze are supported.

Image: The car radio display showing a GPS navigation map with route information, demonstrating the unit's navigation capabilities.

Bluetooth Connectivity

Establish a fast Bluetooth connection with your smartphone for hands-free calling and audio streaming. The built-in microphone ensures clear communication. The Hi-Fi function provides high-fidelity sound quality for music and video playback.

Image: A driver interacting with the car radio for a Bluetooth call, with a phone interface showing a call in progress and a dial pad on the car radio screen, illustrating hands-free communication.

FM/RDS Radio

The car radio supports FM, AM, and RDS channels, providing access to news, music, and real-time traffic updates. The intuitive interface allows for easy station tuning and preset management.

Split-screen Display

Experience multiple functions at once with the split-screen feature on your car's infotainment display, making your driving experience smarter and more efficient.

Image: The car radio display showing the FM radio interface with frequency tuning, preset stations, and RDS information.

Digital Signal Processing (DSP)

The integrated DSP feature allows for personalized audio settings, optimizing the soundstage and overall in-car audio performance. Adjust equalizer settings to suit your preferences for an enhanced listening experience.

Before purchasing, please check if your car's center control matches A. If yours belongs to B, it does not match.

Image: The car radio display showing the DSP equalizer interface with various frequency bands and adjustment sliders, indicating sound customization options.

Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation on one side and music playback on the other. This enhances multitasking and efficiency while driving.

Car Radio Stereo
For Toyota Corolla
2014-2016

android 13

Image: The car radio display showing a split screen, with a navigation map on one side and a music player interface on the other, demonstrating simultaneous application usage.

Customizable UI Interfaces

The unit offers multiple user interface (UI) options, allowing you to customize the look and feel of your car radio's home screen and menus to match your personal style.

	Power cable	RCA cable	Microphone
Can Bus	USB cable 1	USB cable 2	GPS Module
Screwdriver	Reversing line	Crowbar	USB cable 3

Image: A collage of different user interface designs available for the car radio, showcasing various layouts and icon styles.

MAINTENANCE

To ensure the longevity and optimal performance of your Junsun Android 13 Car Radio, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronic screens. Do not use abrasive cleaners, alcohol, or solvents, as these can damage the display.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and bug fixes. Updates can typically be found through the unit's settings menu or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality or poor audio/video quality.

TROUBLESHOOTING

This section addresses common issues you might encounter with your car radio.
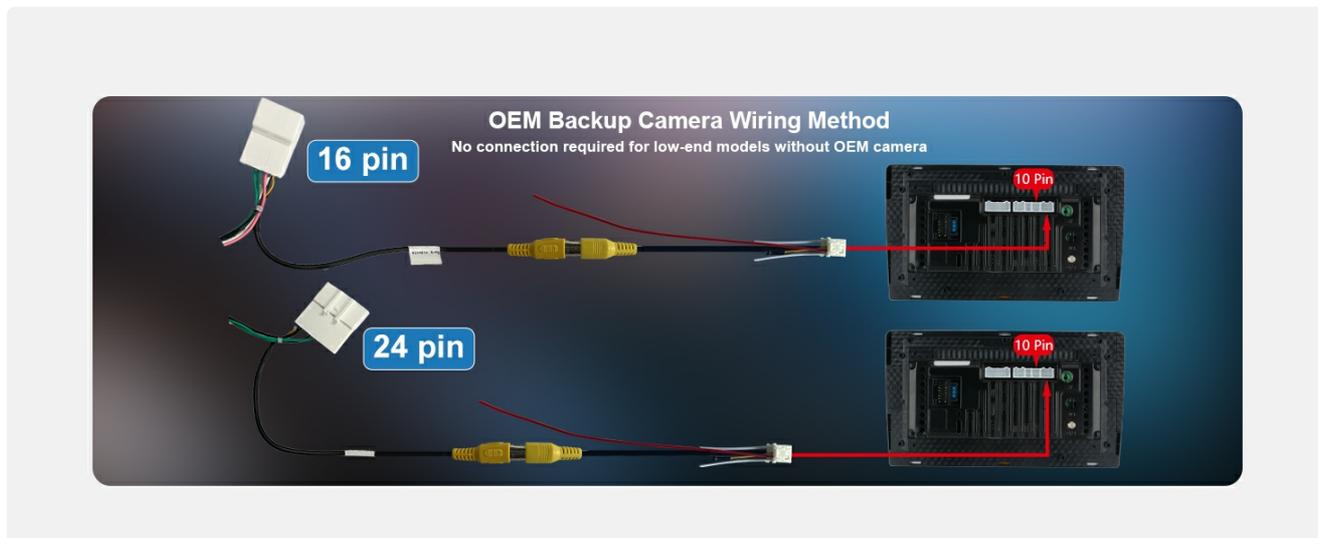
Common Questions and Solutions

Image: A graphic displaying common customer FAQs regarding CANBUS options, Android Auto connection issues, and factory setting codes.

- **Q: What are the CANBUS car type options?**
  A: Go to Car Settings >> Factory >> Code 000000 >> SimpleSoft >> Chrysler/Jeep >> JEEP_XPO3. (Note: Specific options may vary; consult your vehicle's documentation or support if unsure.)

- **Q: Why does Android Auto show loading but can't connect?**
  A: Please check if your phone's WiFi is on. This issue can occur if your phone's Android version is not compatible or if there's a software glitch. Contact support for the latest update method if needed.

- **Q: What is the Factory setting code?**
  A: The default factory code is 000000.

- **Steering Wheel Controls Not Working:** If steering wheel buttons do not respond after installation, ensure all CANBUS connections are secure. Navigate to the unit's settings menu, locate the 'Steering Wheel Learning' or 'SWC Settings' option, and follow the on-screen prompts to program each button. If issues persist, verify the correct CANBUS type is selected in factory settings (refer to the CANBUS FAQ above).

- **Poor Fit/Installation Issues:** Ensure the correct mounting brackets and trim pieces are used. Verify that all clips and alignment points match your vehicle's dashboard. If the unit does not fit flush, re-check the compatibility section and consult professional installation if necessary.

- **Intermittent Power/Unit Turns Off:** Check all power connections, including the main power harness and ground wire, for secure contact. Ensure the vehicle's battery is in good condition. If the problem persists, it may indicate an internal fault requiring technical support.

SPECIFICATIONS

Feature	Detail
Brand	Junsun
Model Name	XT812C
Item Model Number	JS-US-XT812CCorolla416B-1
Operating System	Android 13

Display Size	10 Inches
Memory (RAM)	2 GB
Storage (ROM)	32 GB
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	Bluetooth, Touchscreen, Built-in CarPlay/Android Auto, GPS Navigation, FM RDS Radio, DSP, Split Screen
Voice Command	Touchscreen (via integrated smartphone features)
Map Type	North America (supports various apps)
Mounting Type	Dashboard Mount
Vehicle Service Type	Car (Toyota Corolla 2014-2016)
Item Weight	4.44 pounds
Package Dimensions	22 x 7.5 x 5.5 inches

WARRANTY INFORMATION

The Junsun Android 13 Car Radio comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, accidents, misuse, unauthorized repairs, or cosmetic damage.
Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included with your product or contact Junsun customer support.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any inquiries regarding your Junsun Android 13 Car Radio, please contact our customer support team. We offer 24-hour technical support to assist you.

DSP Function

The in-car control display's DSP feature combines high-quality audio, personalized audio settings, automatically optimized soundstage, and outstanding in-car audio system performance, providing an extraordinary audio experience while driving.

Image: Information indicating 24-hour technical support availability and instructions on how to contact support via the seller's page.

You can typically find contact information on the seller's page where you purchased the product, or by visiting the official

Junsun website. When contacting support, please have your model number (XT812C) and purchase details ready.