

Vratzn 4 CORE 2+64G

Vratzn Car Radio Stereo Instruction Manual

For Toyota Tundra (2007-2013) and Toyota Sequoia (2008-2018) - Model 4 CORE 2+64G

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vratzn Car Radio Stereo. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your device's capabilities. This unit is designed for specific Toyota Tundra (2007-2013) and Toyota Sequoia (2008-2018) models.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Car Radio Stereo Unit
- AHD Backup Camera
- Plug-and-Play Wiring Kit
- Factory Antenna Adapter
- RCA Cable
- Power Cable
- Reversing Line
- Installation Tools (Crowbar, Screwdriver)
- USB Cables (x2)
- GPS Module
- Can Bus Decoder
- Microphone



RCA cable



Power Cable



Camera



Crowbar



Screwdriver



Reversing line



USB cable



GPS module



USB cable 1



Can Bus



Microphone

Figure 2.1: Included Components. Ensure all items are present before beginning installation.

3. SETUP AND INSTALLATION

The Vratzn Car Radio Stereo is designed for a plug-and-play installation, retaining factory steering wheel controls, reverse camera, and antenna adapter where applicable. Professional installation is recommended if you are unfamiliar with car audio system wiring.

3.1 Pre-Installation Check

Before starting, ensure your vehicle is compatible with the unit. This unit is specifically for Toyota Tundra (2007-2013) and Toyota Sequoia (2008-2018).

For Toyota Tundra 2007-2013 / Toyota Sequoia 2008-2018

Android 13

4GB+64GB

1024*768P



Figure 3.1: Before and After Installation Example. The image illustrates the visual upgrade provided by the new stereo unit.

3.2 Wiring Diagram

Refer to the following diagrams for proper wiring connections. Not all connectors may be used depending on your vehicle's specific configuration (e.g., with or without JBL system, factory camera).

NOTE

Not all connectors need to be connected.
Some connectors may be unused, as they were intended for other models or different years.

1. Without JBL & No factory camera (Low version)



*These connectors are necessary: A B D



*Low end models do not support connecting to factory rear cameras.

2. With JBL & No factory camera (Low version)

(The hole positions at the rear of the original vehicle system)

*These connectors are necessary: C D

3. With JBL and factory camera (with big screen navigation)

If your vehicle with this factory camera adapter.
The connector of the original rear camera is shown below



*These connectors are necessary: C D



Figure 3.2: General Wiring Diagram. This diagram shows the connections for the main unit, power, speakers, and accessories.

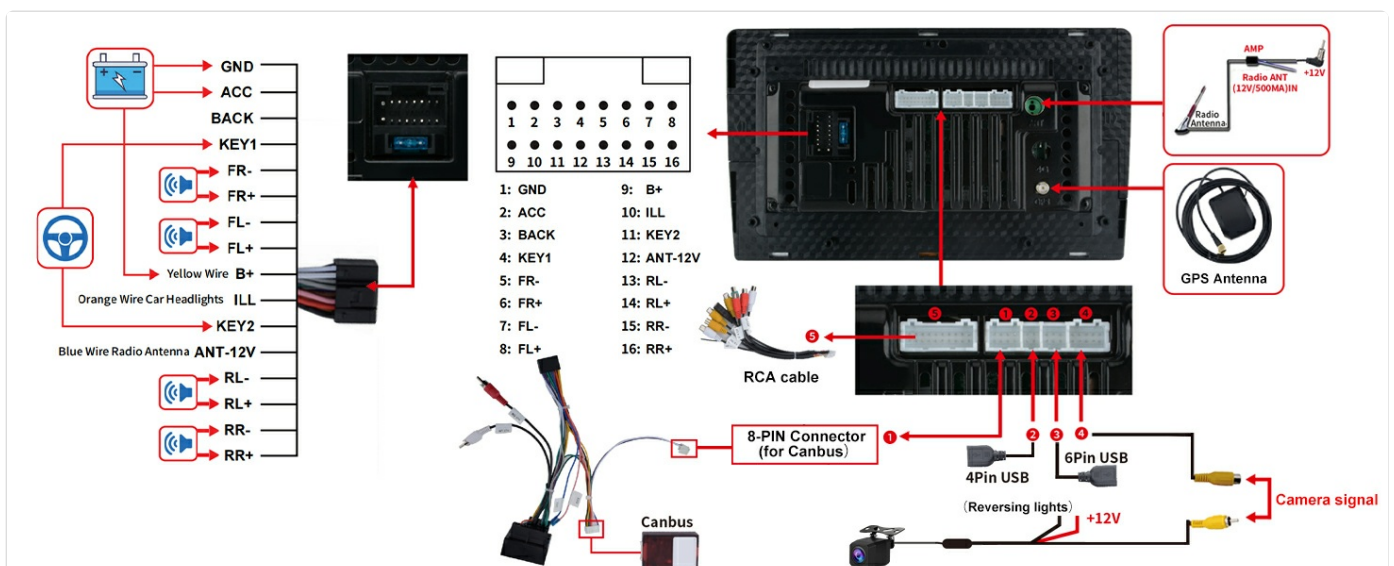


Figure 3.3: Connector Configurations. This image details which connectors are necessary based on your vehicle's factory options (JBL system, factory camera).

3.3 Installation Video Guide

For a visual guide on the installation process, please refer to the video below:

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Video 3.1: Installation Guide for Toyota Tundra/Sequoia. This video demonstrates the step-by-step process for installing the Vratzn car radio stereo in compatible vehicles.

4. OPERATING INSTRUCTIONS

This section covers the primary functions and features of your Vratzn Car Radio Stereo.

4.1 10-Inch HD Touch Screen Display

The unit features a 10-inch high-resolution touch screen for clear visibility and responsive controls. Navigate through menus and applications by touching the screen.

1280*720 HD Touch Screen



Screen size
10.1"

Peak brightness
1,600 nits

Figure 4.1: 10-Inch HD Touch Screen. The display offers a clear and responsive interface for all functions.

4.2 Wireless CarPlay & Android Auto

Connect your iPhone or Android device wirelessly to access navigation, calls, messages, and music through the stereo's interface. This feature utilizes a smart voice assistant for hands-free operation.



Figure 4.2: Wireless CarPlay & Android Auto Interface. This feature allows seamless integration of smartphone functions.

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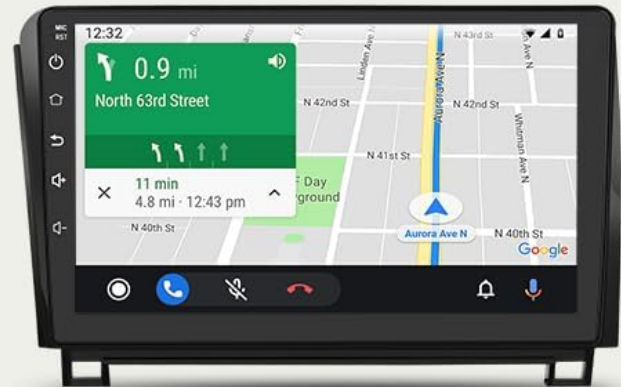
Video 4.1: How to Connect to Wireless CarPlay. This video demonstrates the steps to establish a wireless CarPlay connection with your device.

4.3 GPS Navigation

The built-in GPS module supports both online and offline maps, providing precise turn-by-turn guidance. Ensure the GPS antenna is properly installed for optimal signal reception.

GPS Navigation

Support online navigation applications



WiFi Funcion

You can go online and download some software you want to use the Wi-Fi connection

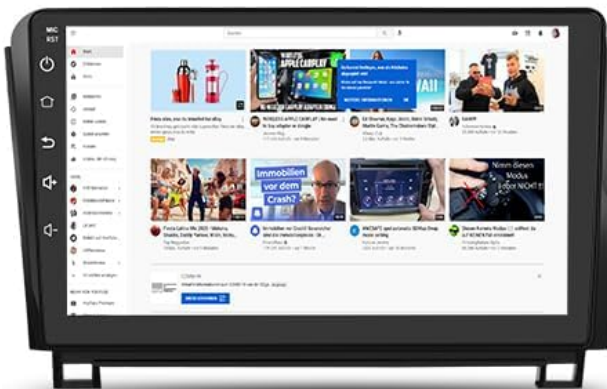


Figure 4.3: GPS Navigation Interface. The system supports various navigation applications for reliable route guidance.

4.4 Bluetooth & WiFi Connection

Utilize Bluetooth for hands-free calling and wireless music streaming. Connect to WiFi via a mobile hotspot to download apps and access online content.

Bluetooth



Built-in Bluetooth with Hands-free calls/Play music/Phonebooks



Call



Phonebook



Music



Bluetooth



FM Radio

Full electronic digital radio search, high-performance digital tuning FM radio automatic scanning



Figure 4.4: Bluetooth and FM Radio Interfaces. Manage calls, play music, and tune into radio stations.

Your browser does not support the video tag.

Video 4.2: How to Connect the Device to WiFi. This video guides you through connecting your stereo unit to a WiFi network using a mobile hotspot.

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Video 4.3: How to Pair Bluetooth Devices Correctly. This video demonstrates the process of pairing your phone with the car stereo via Bluetooth.

4.5 AHD Backup Camera

The included AHD backup camera provides a clear, wide-angle view when reversing, enhancing safety and ease of parking. The image automatically displays on the screen when the vehicle is in reverse gear.

AHD 720P Backup Camera Input

AHD rearview input makes reversing safer, day or night.



Waterproof



AHD 720P



Night Vision



Wide Angle



Figure 4.5: AHD Backup Camera View. The camera provides a high-definition, wide-angle view for safe reversing.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Vratzn Car Radio Stereo, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents that may damage the surface.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and performance enhancements. Updates can typically be found via the system settings or the manufacturer's website.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, power supply issue.	Check power connections and vehicle fuses. Ensure ACC and B+ wires are correctly connected.
No sound from speakers.	Speaker wires disconnected, incorrect audio settings, amplifier issue.	Verify speaker wire connections. Check audio settings (volume, balance, fader). Ensure external amplifier (if used) is powered.
Bluetooth/CarPlay/Android Auto not connecting.	Bluetooth/WiFi off, device not discoverable, pairing issue.	Ensure Bluetooth/WiFi is enabled on both devices. Make sure the stereo is in pairing mode. Delete previous pairings and try again.
GPS signal weak or inaccurate.	GPS antenna improperly placed or obstructed.	Relocate the GPS antenna to a clear area, away from metal obstructions.
Backup camera not displaying.	Camera wiring issue, reverse trigger wire not connected.	Check camera power and video signal connections. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Vratzn
Model	4 CORE 2+64G
Operating System	Android 13
RAM	2GB
ROM (Storage)	64GB
Screen Size	10.1 inches
Display Type	Capacitive Touch Screen
Connectivity	Bluetooth, WiFi, Wireless CarPlay, Android Auto
Navigation	Built-in GPS, supports Online/Offline Maps
Backup Camera	AHD 720P (Included)
Compatible Vehicles	Toyota Tundra (2007-2013), Toyota Sequoia (2008-2018)

8. WARRANTY AND SUPPORT

Your Vratzn Car Radio Stereo comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Vratzn website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact Vratzn customer service through the contact information provided with your purchase or on the official product page.

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