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› [KUNFINE](#) /

› KUNFINE Android Radio Car Navigation System for Toyota Venza (2011-2021) - 10.33" Octa Core 6G+128G User Manual

KUNFINE 10.33" Octa Core 6G+128G

KUNFINE Android Radio Car Navigation System User Manual

Model: 10.33" Octa Core 6G+128G for Toyota Venza (2011-2021)

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE Android Radio Car Navigation System. This multimedia head unit is designed as a replacement for Toyota Venza models from 2011 to 2021, offering advanced features such as CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, and WiFi capabilities. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Image 1.1: KUNFINE Android Radio Car Navigation System main unit.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, verify that all components are present in the package:

- 1x Car Android Head Unit with Mask
- 1x GPS Antenna
- 1x Power Cable
- 2x USB Port Cables
- 1x RCA Expand Cable
- 1x RCA Connector for Reverse Camera
- 1x Install Kit
- 1x External Microphone
- 1x AHD 720 Reverse Camera

Package Content



Image 2.1: Illustration of all included components in the package.

2.2 Compatibility and Wiring

The system is designed for plug-and-play installation with the original car wiring. However, specific considerations apply:

- The default wire harness is compatible with vehicles that do not have an original JBL OEM amplifier.
- If your vehicle is equipped with an original JBL OEM amplifier, an additional Canbus Decoder is required. Please contact the seller with a picture of your original unit's rear connections to obtain the correct Canbus Decoder.

ATTENTION PLEASE!!!



The default wire harness in the package can Only work with the first situation(Because of the **J-B-L OEM Amplifier), if you will send us **picture** of your original unit's back and **purchasing the extra Canbus Decoder**, we can make it work with the second one, too!**

Image 2.2: Visual guide for identifying compatibility with JBL OEM amplifier systems. The left image shows a compatible setup without a JBL amplifier (green check), while the right image shows a setup with a JBL amplifier requiring a Canbus Decoder (red cross).

2.3 Installation Process

The installation process is designed to be straightforward. If you possess basic DIY skills for removing original car equipment, you can perform the installation yourself. Ensure the vehicle's power is disconnected before starting. Connect the provided cables to their corresponding ports on the head unit and the vehicle's wiring harness. Secure the head unit in the dashboard opening.

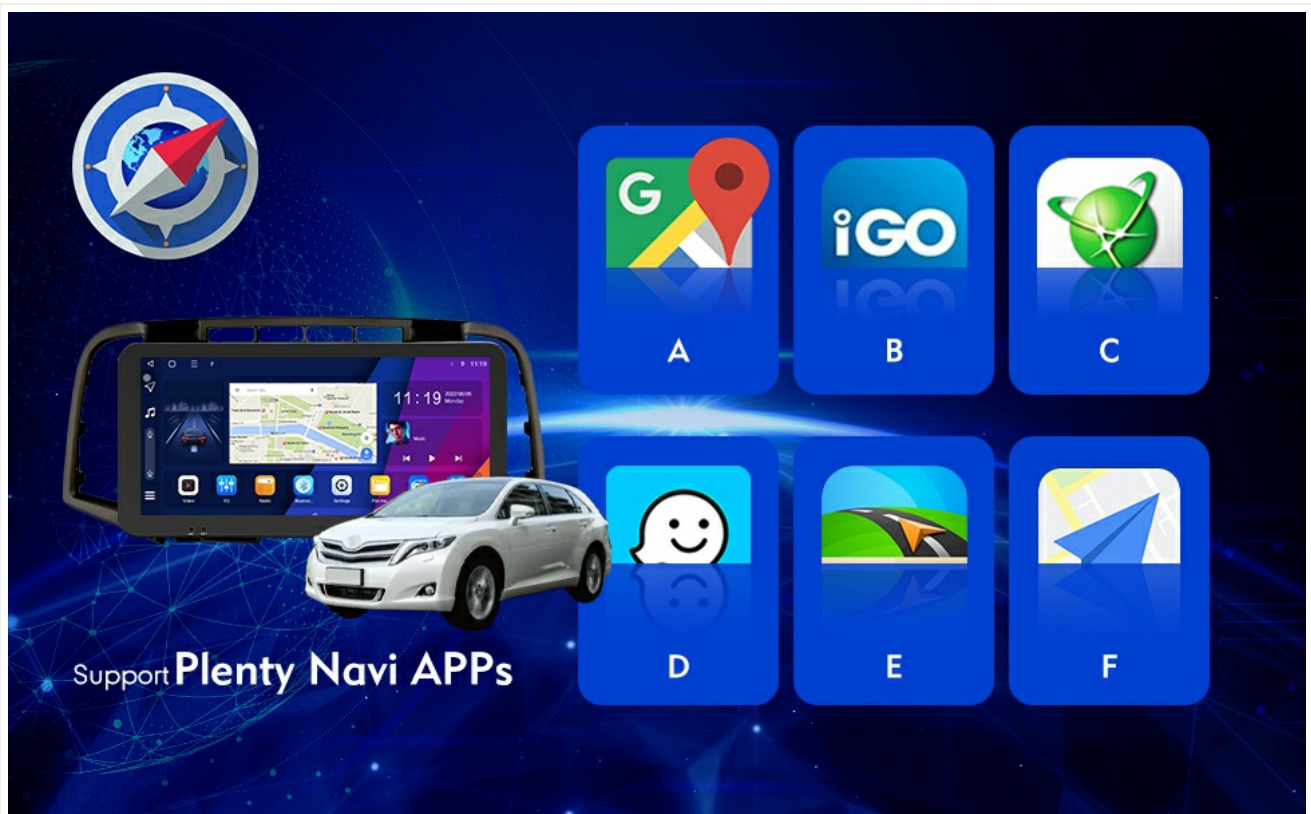


Image 2.3: Comparison of the car dashboard before and after the installation of the KUNFINE Android Radio.

3. OPERATING INSTRUCTIONS

3.1 CarPlay & Android Auto

Seamlessly integrate your iOS or Android device. Connect your smartphone via USB to access navigation, music, calls, and messages directly on the head unit's display. Use voice commands for a safer driving experience.

Carplay & Android Auto

Integrate your iPhone with your vehicle. Support Carplay , Android Auto Mirrorlink and other functions



Carplay



Android



For IOS System

For Android System

Image 3.1: Display showing the CarPlay and Android Auto interfaces, demonstrating smartphone integration.

3.2 GPS Navigation

The system features satellite GPS for real-time navigation. With a WiFi connection, you can access online maps and traffic information. Pre-installed maps for North America are included.

GPS Navigation

Satellite GPS can locate in real time without network. With wifi connected, you can use navigation in real time

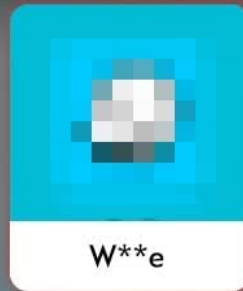
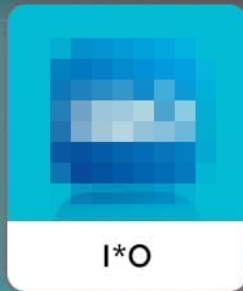
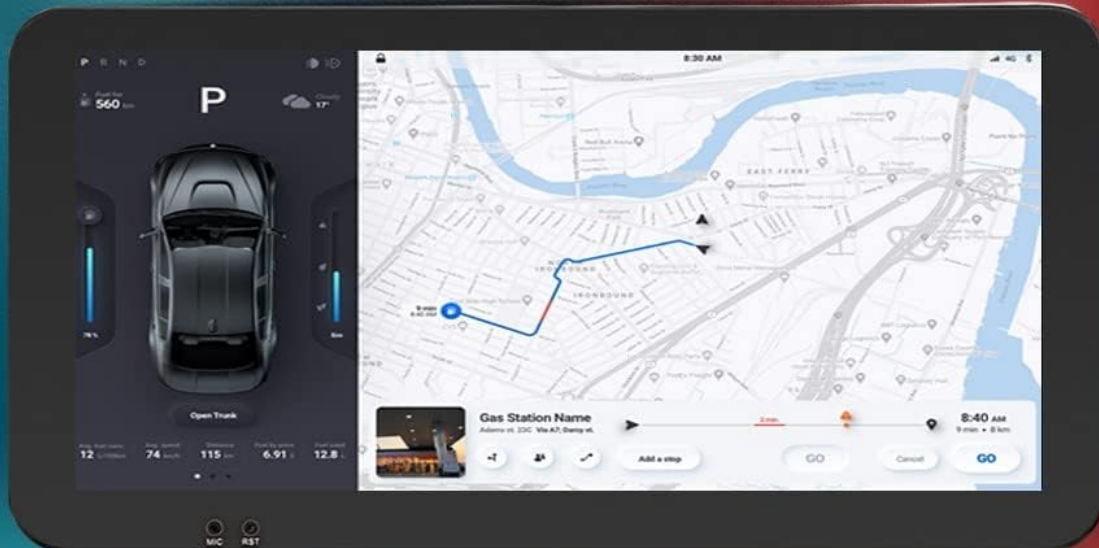


Image 3.2: Screenshot of the GPS navigation interface displaying a map and route information.

3.3 WiFi Connectivity

Connect to a WiFi network to browse the internet, stream videos, download applications, and receive online navigation updates.



Image 3.3: The head unit screen displaying various applications accessible via WiFi.

3.4 Bluetooth Function (BT)

Utilize the built-in Bluetooth for wireless music streaming, hands-free calling, and navigation audio. Pair your smartphone with the head unit through the Bluetooth settings menu.

BT Function

Built-in BT, Enjoy Wireless Streaming Music, Hands-free Calling & Navigation



Image 3.4: Screen showing Bluetooth call interface and music playback via Bluetooth.

3.5 Steering Wheel Control

The system supports your car's original steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. Configuration may be required in the system settings.

Steering Wheel Control

Quickly switch functions which you want with your car's steering wheel control



Image 3.5: Interface for configuring steering wheel controls, showing various assignable functions.

3.6 FM/AM/RDS Radio

Access FM and AM radio stations. The RDS (Radio Data System) feature displays station information where available. Long-press to save your favorite radio stations.

FM/AM/RDS Radio

You can transfer the music to the car stereo by FM/AM/RDS, Long press to save your favorite radio station

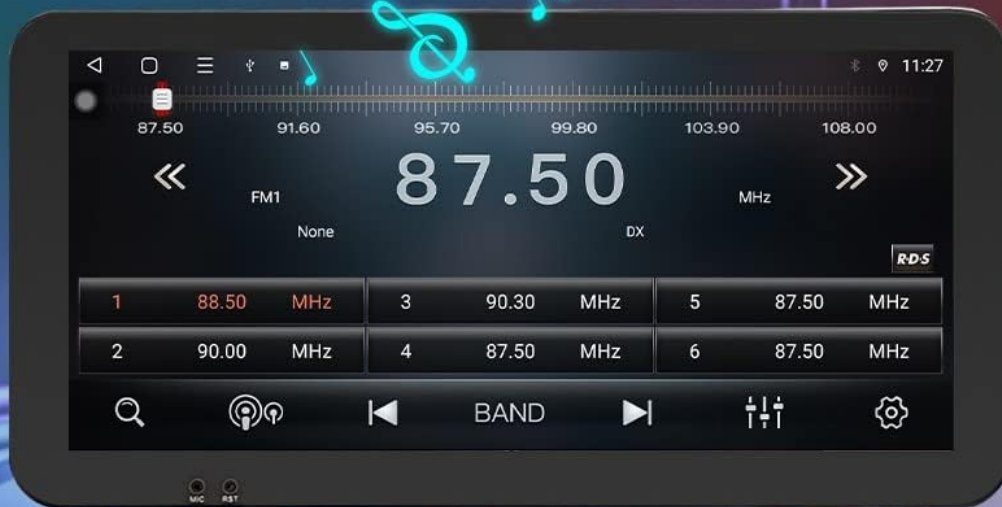


Image 3.6: The radio interface displaying frequency and station information.

3.7 Car Reverser Camera

The system supports a car reverser camera input. When reversing your vehicle, the display automatically switches to the rear view, providing enhanced safety and visibility.

Car Reverser Camera

Support Car Reverser Camera input, you can see the video on screen through the rear view camera when reversing your car

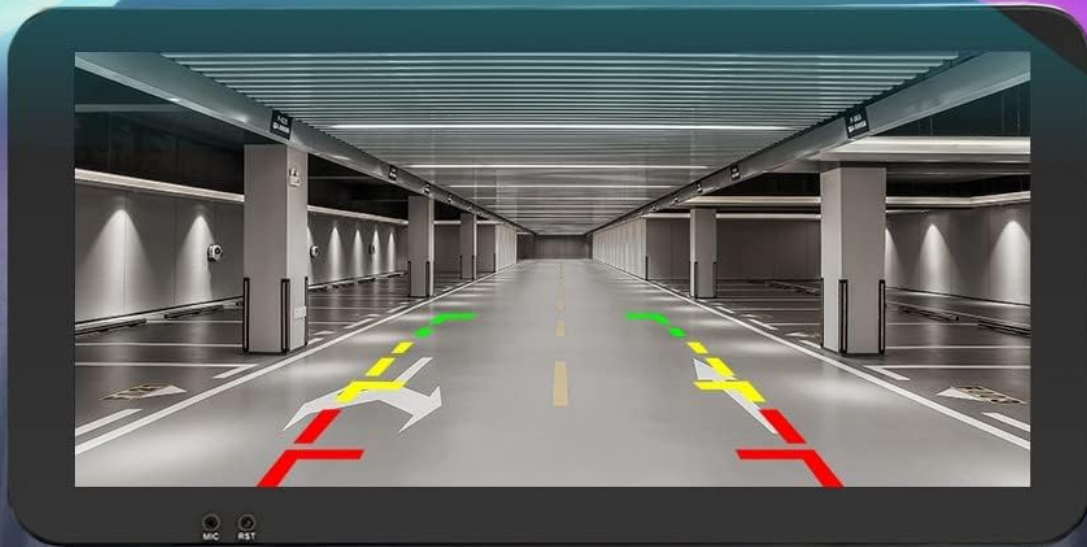


Image 3.7: Screen displaying the view from the rear camera with parking guidelines.

4. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the display.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website. Keeping the software updated ensures access to the latest features and performance improvements.
- **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.

5. TROUBLESHOOTING

If you encounter issues with your KUNFINE Android Radio, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Loose power cable connection, blown fuse, vehicle power issue.	Check power cable connections. Inspect vehicle fuses. Consult a professional if vehicle power is suspected.
No sound output	Volume too low, incorrect audio source selected, speaker wiring issue.	Increase volume. Verify correct audio source. Check speaker wiring connections.
GPS signal lost or inaccurate	GPS antenna obstruction, poor satellite reception, outdated map data.	Ensure GPS antenna has a clear view of the sky. Move to an open area. Update map data if available.
CarPlay/Android Auto not connecting	Faulty USB cable, phone software issue, incorrect settings.	Try a different USB cable. Restart your phone and the head unit. Check phone and head unit settings for CarPlay/Android Auto.
Steering wheel controls not working	Incorrect wiring, controls not configured in settings.	Verify wiring connections. Access the system settings to configure steering wheel controls.

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

6. SPECIFICATIONS

Detailed technical specifications for the KUNFINE Android Radio Car Navigation System:

Brand: KUNFINE

Vehicle Service Type: Car

Screen Size: 10.33 Inches

Special Features: Bluetooth, Touchscreen, GPS, WiFi, DSP, RDS

Connectivity Technology: USB, Bluetooth, Wi-Fi

Map Type: North America

Audio Output Mode: Stereo

Mounting Type: Dashboard Mount

Resolution: 1920 x 1080

Operating System: Android

Memory Storage Capacity: 128 GB

Touch Screen Type: Capacitive

Display Type: LCD

Human-Interface Input: Touchscreen

Compatible Devices: Smartphone

Control Method: Touch

Supported Satellite Navigation System: GPS

Manufacturer: KUNFINE

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This KUNFINE Android Radio Car Navigation System comes with a **1-Year Warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

7.2 Customer Support

For technical assistance, troubleshooting, warranty claims, or any other inquiries, please contact KUNFINE customer support. Refer to your purchase documentation or the seller's contact information for the most up-to-date support channels. When contacting support, please have your product model number (10.33" Octa Core 6G+128G) and purchase details readily available to expedite the service process.