

ISUDAR Android 12 Car Stereo (2+32GB)

ISUDAR 9-Inch IPS Touchscreen Android 12 Car Stereo User Manual

MODEL: ANDROID 12 CAR STEREO (2+32GB) FOR TOYOTA SIENNA 2015-2018

Brand: ISUDAR

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ISUDAR 9-Inch IPS Touchscreen Android 12 Car Stereo. This unit is designed to enhance your driving experience with advanced features such as Wireless CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, and multimedia playback. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Note on Compatibility:

This Android 12 car stereo is compatible with the Toyota Sienna models from 2015, 2016, 2017, and 2018. Please verify the shape and size of your center console before installation. It does not support factory JBL amplifiers or factory cameras.



Figure 1: Compatibility check for Toyota Sienna dashboards. The top image shows a compatible dashboard ('Fit'), while the bottom image shows an incompatible dashboard ('Not Fit') with a different screen and button layout.

2. Package Contents

The package includes the ISUDAR 9-Inch Android 12 Car Stereo with frame, power cable, GPS module, original USB cable, Canbus, USB cable, RCA cable, manual AC bracket, camera input cable, removal tool, and a rear camera.

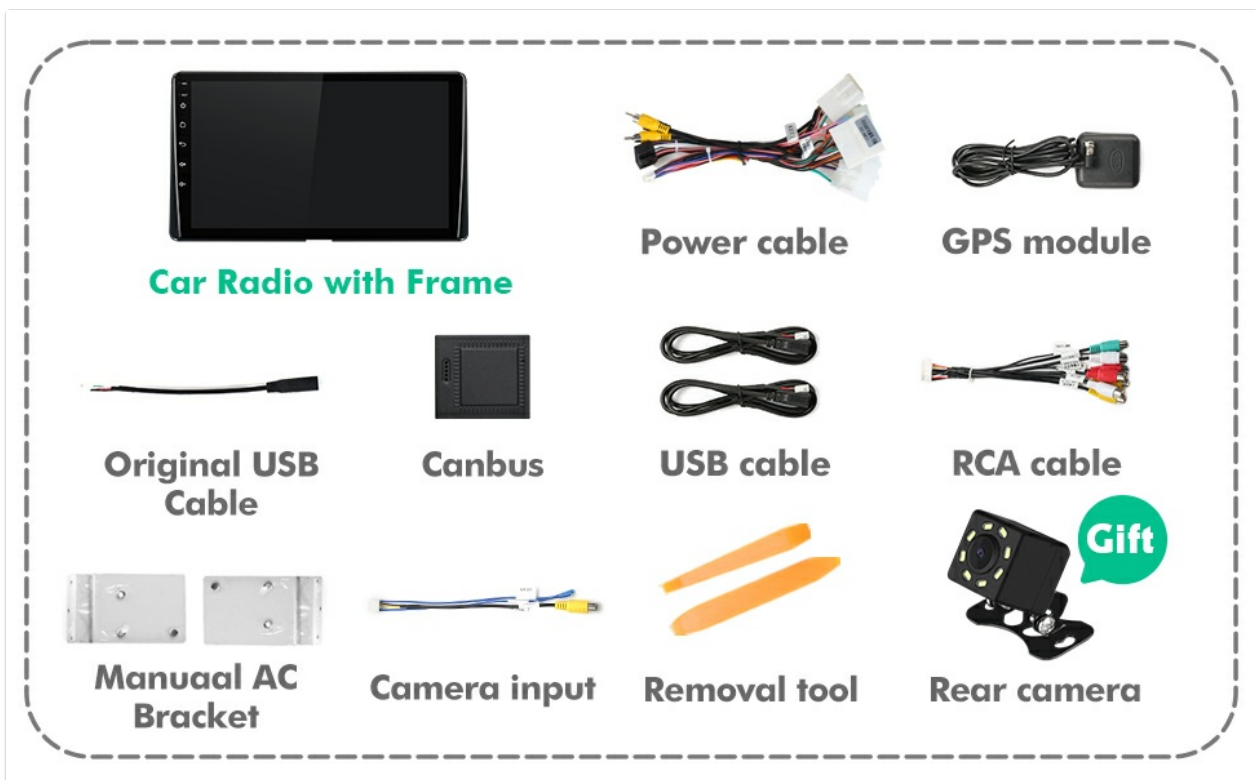


Figure 2: Overview of all components included in the ISUDar Car Stereo package, such as the main unit, various cables, GPS module, and rear camera.

3. Installation Guide

Follow these steps for a non-destructive installation. It is recommended to watch the provided wiring video for a visual guide.

1. **GPS Antenna Connection:** Insert the GPS antenna into its designated port on the back of the stereo unit and tighten the screws. Secure the GPS antenna under the front windshield by tearing off its protective paper and sticking it in place.
2. **Camera Input Cable:** Insert the camera input cable into the corresponding port on the stereo.
3. **USB Cables:** Insert the 6-pin USB cable and the 4-pin USB cable into their respective ports on the stereo.
4. **RCA Cable:** Insert the RCA cable harness into its port.
5. **Canbus Connection:** Connect one end of the Canbus module to the cables from the main harness. Then, find the Canbus cable and plug it into the corresponding socket on the stereo.
6. **Power Plug:** Plug in the black power plug from the main harness into the stereo.
7. **Radio Adapter Cable:** Plug in the radio adapter cable.
8. **AUX L/R Connection:** If your original car has an AUX jack, you need to plug the AUX L/R into the AUX IN L/R in the RCA harness.
9. **Rear View Adapters:** We provide two different model sizes of rear view adapters. You need to choose one according to the rear view connector of your original car. Connect the yellow video signal cable from the chosen adapter to the "Reversing video input" line.
10. **Amplifier Connection:** If your original car has an amplifier, you need to connect the blue amplifier control cable "AMP" to "AMP CONT" of the RCA Harness. If there is no amplifier, no connection is required.

Video 1: Detailed wiring instructions for installing the ISUDAR car stereo in a Toyota Sienna. This video demonstrates connecting various cables including GPS, camera input, USB, RCA, Canbus, power, and amplifier control.

4. Operating Instructions

Your ISUDAR car stereo offers a wide range of features for an enhanced in-car experience. Below are instructions for key functionalities.

4.1. Wireless CarPlay & Android Auto

Connect your Apple or Android phone using the original USB data cable to activate Wired CarPlay or Android Auto. This allows you to sync your phone's apps with the car radio, run online navigation, make hands-free calls, send/receive SMS, and listen to music/podcasts while focusing on driving. You can activate voice assistants like Siri with your voice or a single touch.



Figure 3: The car stereo display showcasing the Wireless CarPlay and Android Auto interfaces, including navigation, music playback, and voice assistant activation (Hey Siri, Hi Google).

4.2. Built-in GPS, WiFi & Bluetooth

Connect to WiFi or your mobile phone's hotspot to download any desired software and browse the internet directly on the Android car stereo. The unit supports both online and offline navigation. Bluetooth connectivity allows for hands-free calls and music streaming, ensuring a smart and safe driving experience.



Figure 4: The car stereo display demonstrating Bluetooth call functionality with a dial pad and Bluetooth music playback with album art.



Figure 5: The car stereo display illustrating support for online and offline navigation with multiple map applications.

4.3. Reverse Display (Backup Camera Support)

The car stereo supports CVBS/AHD aftermarket cameras and OEM cameras/parking sensors. When reversing, the display automatically switches to the camera view, providing a clear HD image with a 170° wide-angle view for improved safety.



Figure 6: The car stereo display showing a clear reverse camera view with dynamic parking guidelines and a 170° wide-angle perspective.

4.4. MirrorLink

MirrorLink allows you to mirror your smartphone's screen directly onto the car stereo display, enabling you to access apps and content from your phone on the larger screen.



Figure 7: A smartphone screen being mirrored onto the car stereo display, demonstrating the MirrorLink functionality.

4.5. Steering Wheel Control (SWC)

The car radio supports the steering wheel control function of the original car. The process can be paired with the APP "Settingwheel" on the car radio, allowing you to control various functions without taking your hands off the wheel.

4.6. Split-Screen Technology

Enhance your driving experience with split-screen technology, allowing you to run two applications simultaneously on the display, such as navigation and music playback.



Figure 8: The car stereo display demonstrating split-screen functionality, showing navigation on one side and music controls on the other.

4.7. Multimedia Playback & FM Radio

Enjoy local video and music playback, online music streaming, and FM radio. The unit features a built-in HiFi system with a 12-band EQ for customized audio settings.

Video 2: This video provides a comprehensive overview of the ISUDAR car stereo's features, including desktop and main menu navigation, AHD 720P camera display, Bluetooth calls and music, CarPlay and Android Auto, Mirror Link, GPS navigation, App Store access, FM radio, built-in HiFi with 12-band EQ, steering wheel controls, real-time weather, online music, local video playback, and online video streaming.

5. Maintenance

To ensure the longevity and optimal performance of your ISUDAR car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronics. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates to ensure you have the latest features and bug fixes. Updates can improve system stability and performance.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality or poor performance.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Power Management:** Always turn off your vehicle's ignition before disconnecting any power cables to prevent electrical damage.

6. Troubleshooting

If you encounter issues with your car stereo, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections. Ensure the black power plug is securely inserted. Verify your vehicle's fuse box for any blown fuses related to the stereo.
- **No Sound:** Check speaker connections and ensure the volume is not muted or set too low. Verify audio output settings in the stereo's menu.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Try unpairing and re-pairing the devices. Clear Bluetooth cache on your phone if necessary.
- **GPS Signal Loss:** Ensure the GPS antenna is correctly installed and has a clear line of sight to the sky (e.g., under the front windshield). Check GPS settings in the stereo.
- **CarPlay/Android Auto Not Connecting:** Use the original USB cable from your phone. Ensure the phone's operating system is up to date. Try restarting both the phone and the car stereo.
- **Slow Performance:** Close unnecessary background applications. Clear system cache if available in settings. Consider a factory reset if performance issues persist (note: this will erase all user data).
- **Backup Camera Not Displaying:** Verify the camera input cable and the reversing video input line connection. Ensure the camera itself is powered and functioning.

If these steps do not resolve the issue, please contact customer support.

7. Specifications

Feature	Detail
Item Weight	3.41 pounds
Product Dimensions	9 x 9 x 9 inches
Display Size	9 Inches
Voice Command	Touchscreen
Brand	ISUDAR
Model Name	Android 12 Car Stereo
Vehicle Service Type	Car
Screen Size	9 Inches
Special Feature	Touchscreen
Connectivity Technology	Bluetooth
Map Type	North America
Audio Output Mode	Stereo
Mounting Type	Panel Mount
Resolution	800 x 480

8. Warranty and Support

Your ISUDAR touchscreen car radio comes with a 12-month quality assurance. We are committed to providing reliable products with powerful processing capabilities, anti-interference, and high stability. Our professional 7x24 after-sales team is available to provide service support. Please do not hesitate to

contact us if you have any questions during installation or use.