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› Ossuret Android 13 Car Radio GPS Navigation System User Manual

Ossuret Android 13 Autoradio 10.1 Inch 2K HD

Ossuret Android 13 Car Radio GPS Navigation System User Manual

Model: Android 13 Autoradio 10.1 Inch 2K HD

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Ossuret Android 13 Car Radio GPS Navigation System. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The Ossuret Android 13 Car Radio features an 8-core UNISOC 7870 processor, a 10.1-inch 2K HD touchscreen, wireless CarPlay and Android Auto compatibility, 4G LTE connectivity, and intelligent voice control. It is designed to enhance your in-car infotainment experience.

2. PACKAGE CONTENTS

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

- Main Unit (10.1-inch display)
- USB Cable
- RCA Harness
- GPS Antenna
- 4G SIM Card Slot (integrated with RCA harness)
- 4G Antenna
- User Manual
- Dust-free cloth
- Screws
- 4 Pin USB Cable
- 6 Pin dual USB cables
- Rear Camera input RCA Cable

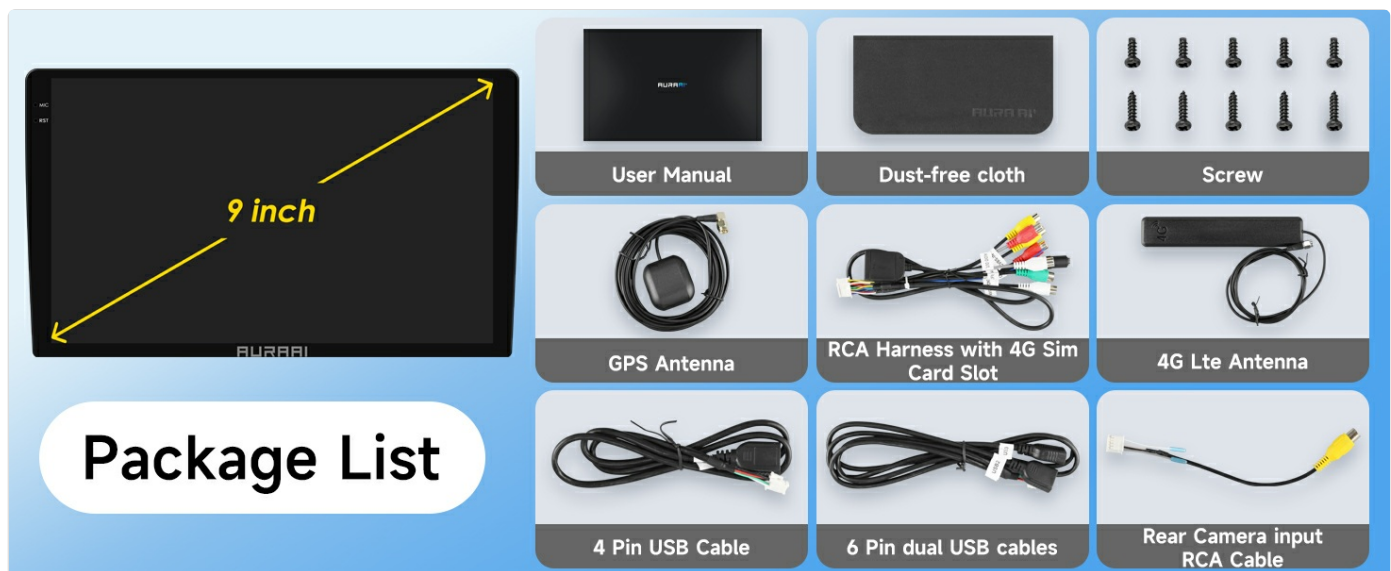


Image: Contents of the Ossuret Android 13 Car Radio package, including the main display unit, various cables (USB, RCA, rear camera input), GPS antenna, 4G antenna, user manual, dust-free cloth, and mounting screws.

3. SETUP AND INSTALLATION

Installation of this car radio requires technical knowledge. It is recommended to have it installed by a professional. Ensure the vehicle's power is disconnected before starting installation.

3.1. Compatibility

This 10.1-inch Android display is compatible with various car models. For specific vehicle models and frame requirements, please consult with a professional installer or the manufacturer.

3.2. Wiring Connections

- **Power Harness:** Connect the main power harness to the vehicle's wiring. Ensure correct polarity.
- **GPS Antenna:** Connect the GPS antenna and mount it in a location with a clear view of the sky for optimal signal reception.
- **4G Antenna:** Connect the 4G antenna for cellular network access.
- **USB Cables:** Connect the provided USB cables for external device connectivity.
- **RCA Harness:** Connect the RCA harness for audio/video input/output, including the rear camera input.
- **SIM Card:** Insert a 4G SIM card into the designated slot on the RCA harness for 4G LTE connectivity.

4. OPERATING INSTRUCTIONS

4.1. Initial Power On and System Setup

After installation, turn on the vehicle's ignition. The system will boot up. Follow the on-screen prompts for initial setup, including language selection, time zone, and network configuration.

4.2. Wireless CarPlay and Android Auto

This unit supports wireless Apple CarPlay and Android Auto. To connect:

1. Enable Bluetooth on your smartphone.
2. On the car radio, navigate to the CarPlay or Android Auto application.
3. Pair your smartphone via Bluetooth.

4. Confirm the connection on both devices.

Once connected, you can access your phone's functions, including navigation, music, calls, and messages, directly from the car radio display.



Image: Demonstration of wireless Apple CarPlay, wireless/wired Android Auto, and Mirror Link features, showing smartphone integration with the car radio.

4.3. Steering Wheel Controls

The system is compatible with most original steering wheel controls. This allows you to manage audio playback, adjust volume, answer calls, and switch functions without taking your hands off the steering wheel. Configuration may be required in the system settings.



Image: Illustration of steering wheel control integration, displaying common button functions and their representation on the car radio's settings interface.

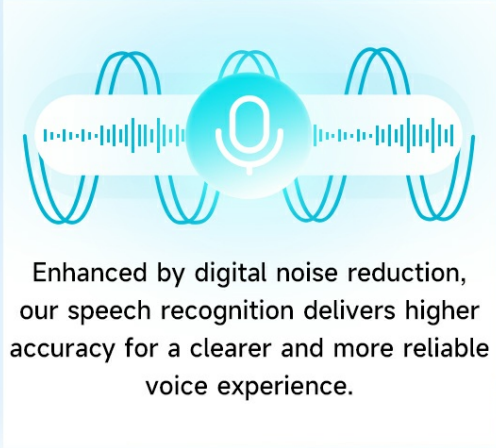
4.4. 4G LTE Connectivity

With a 4G SIM card inserted, the car radio can connect to 4G networks, enabling online navigation, music streaming, video playback, and internet browsing directly from the unit.

4.5. Intelligent Voice Control

The system features intelligent voice control that operates both online and offline. Use voice commands to control

essential car functions and interact with AI-powered conversations.



Enhanced by digital noise reduction, our speech recognition delivers higher accuracy for a clearer and more reliable voice experience.

“Find the nearest gas station.”

“Play music on Spotify”

“Call mom”

“Go to the nearest restaurant”

“Play the next song”

“Listen to 98.7 FM”

“Volume up”

“Homepage”



Intelligent Voice Control

Note: The first 10,000 Aura users will receive a complimentary three-year subscription to the Aura voice assistant service.

Image: Visual representation of intelligent voice control functionality, showing example commands and the system's speech recognition interface.

4.6. Audio Features

- **Digital Noise Reduction:** Enjoy clear calls and music with unique technology that blocks broadband and narrowband noise.
- **5.1 Channel Surround Sound:** Transforms single-channel audio into rich stereo surround sound.
- **Speaker Delay Control:** Adjust speaker delays for optimized sound staging.
- **Dynamic Bass Enhancement:** Provides enhanced bass output.
- **HPF/LPF Sound Filtering:** High-Pass Filter and Low-Pass Filter for precise audio tuning.

DIGITAL NOISE CANCELLATION

Raw Acoustic Signal

Digital noise reduction

AKM audio algorithm



Image: Explanation of digital noise cancellation technology, illustrating how noise is reduced for clearer audio output.



Image: Visualizing 5.1 channel surround sound setup within a car, highlighting custom channel selection, volume balance, and advanced audio settings.



Image: Illustration of speaker delay control, demonstrating how adjusting delays can create a clear stereo sound experience.



Image: Display of HPF/LPF sound filtering, showing how high and low frequency noise is processed to produce clear and pure audio.

4.7. 3D Car Model UI with Customizable Styles

Personalize your car's digital model with adjustable colors, wheels, windows, scenes, and weather effects to match your style.

3D CAR MODEL UI WITH CUSTOMIZABLE STYLES

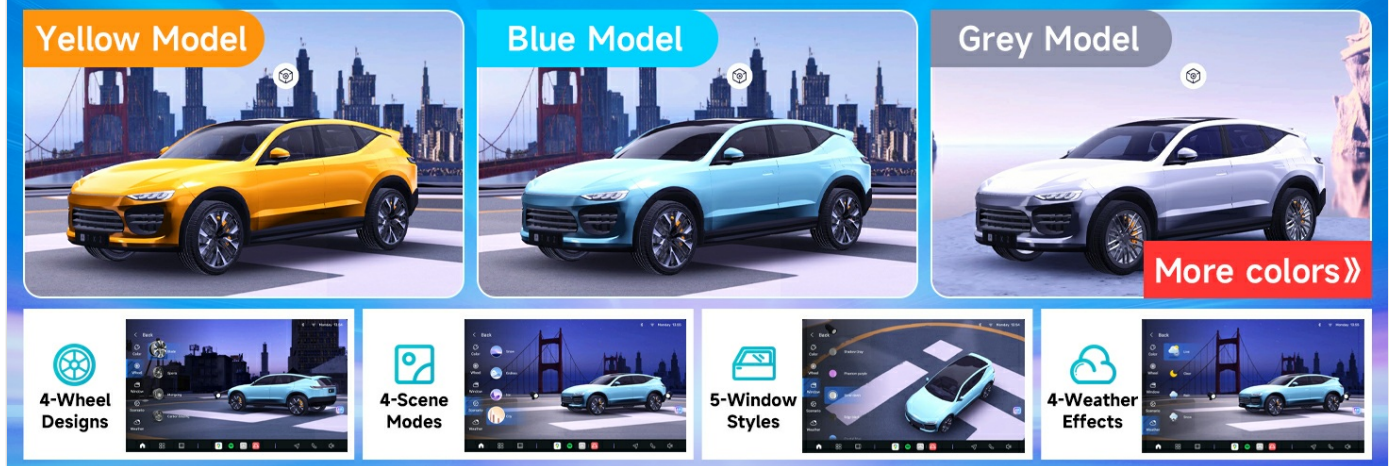


Image: Customizable 3D car model user interface, allowing users to change car colors, wheel designs, scene modes, window styles, and weather effects.

5. MAINTENANCE

- **Screen Cleaning:** Use the provided dust-free cloth or a soft, lint-free cloth to clean the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system 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.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, no power supply.	Check power connections and vehicle fuses. Ensure proper installation.
No sound output.	Volume too low, incorrect audio settings, speaker wiring issues.	Increase volume. Check audio settings (EQ, balance, fader). Verify speaker connections.
GPS signal lost or inaccurate.	GPS antenna obstruction, poor antenna placement, software issue.	Ensure GPS antenna has a clear view of the sky. Check antenna connection. Restart the unit.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off, phone compatibility, app issues.	Ensure Bluetooth and Wi-Fi are enabled on both devices. Restart phone and car radio. Check phone compatibility.
Touchscreen unresponsive.	System freeze, temporary software glitch.	Perform a soft reset (refer to specific model instructions for reset procedure). If issue persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Display Size	10.1 Inches
Display Resolution	2K HD (2000*1200)
Operating System	Android 13
Processor	UNISOC 7870, 8-core, 2.7 GHz A76 core, 8-core TPOS NPU
Memory (RAM)	8 GB
Storage (ROM)	256 GB
Connectivity	Bluetooth 5.0, USB, Wi-Fi 6, 4G LTE (with SIM card slot)
Special Features	Wireless CarPlay/Android Auto, GPS Navigation, Voice Control, 5.1 Channel Surround Sound, Speaker Delay Control, Dynamic Bass Enhancement, HPF/LPF Sound Filtering, Digital Noise Reduction, 3D Car Model UI
Dimensions	25 x 15 x 10 cm
Weight	1.5 kg
Power Output	4 x 50W (DSD Lossless Audio)

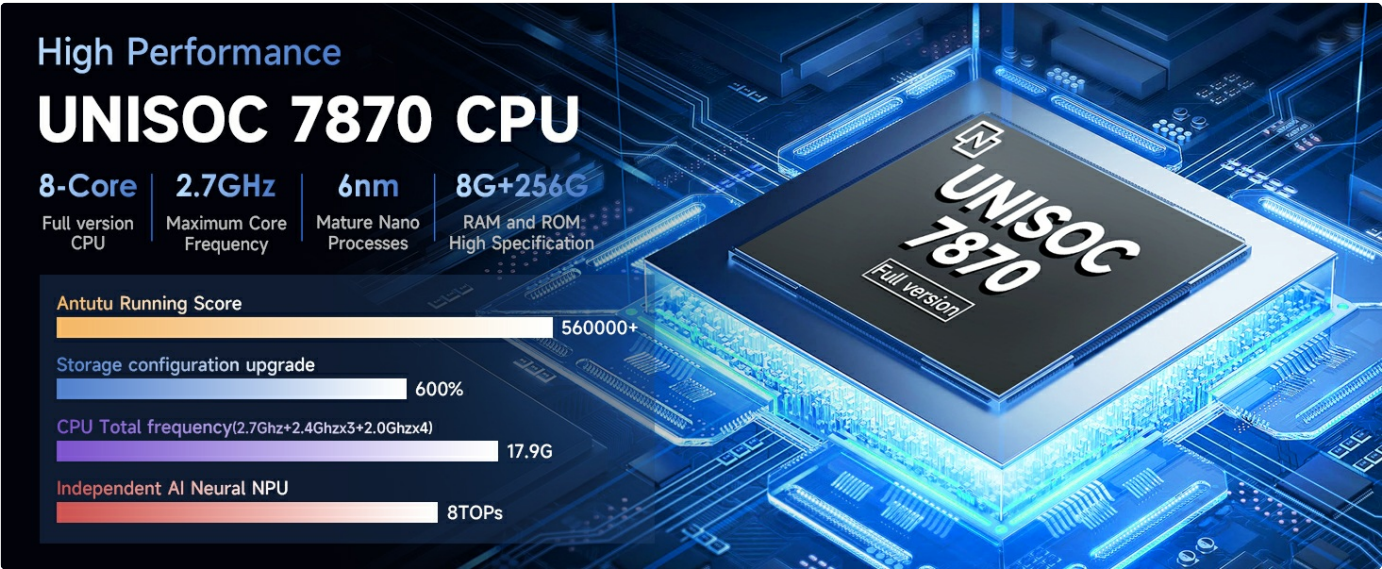


Image: High-performance UNISOC 7870 CPU specifications, detailing its architecture and processing capabilities.

For Universal Car Radio GPS



Image: Key features of the Ossuret Android 13 Car Radio, including Android 13 OS, GPS, Bluetooth, CarPlay/Android Auto, and various audio enhancements.

2K Screen(60Hz refresh rate)

700 Nits Peak Brightness

100% RGB Wide Color Gamut

Ultra-Wide Viewing Angle

16.7 million colors 24-bit RGB true color display

✗ Ordinary screens on the market ✓ Our True Color Display Screen

Ultra HD 2K Display

The screen resolution is 2000*1200.

60HZ

Image: Details of the Ultra HD 2K Display, highlighting its resolution, refresh rate, brightness, color gamut, and viewing angles.

8. WARRANTY AND SUPPORT

Warranty: This product 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.

Support: For technical assistance, troubleshooting, or warranty claims, please contact Ossuret customer support through the retailer where the product was purchased or visit the official Ossuret website for contact information.