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> [AuCar Android 13 Car Radio Head Unit Instruction Manual for Nissan 370Z \(2009-2021\), Model V300](#)

AUCARAUTO V300

AuCar Android 13 Car Radio Head Unit Instruction Manual

Model: V300 | For Nissan 370Z (2009-2021)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AuCar Android 13 Car Radio Head Unit, Model V300. This unit is specifically designed for Nissan 370Z vehicles manufactured between 2009 and 2021.

Key features include a 13.6-inch IPS capacitive multi-touch screen, Android 13.0 OS, Snapdragon 665AIE processor, 8GB RAM, 128GB ROM, wireless Apple CarPlay, Android Auto, GPS navigation, 4G SIM card support, Wi-Fi, Bluetooth 5.0, and compatibility with OEM vehicle systems.

SETUP GUIDE

The AuCar head unit is engineered for a plug-and-play installation, eliminating the need for cutting or splicing original vehicle wiring. It is fully compatible with OEM IN TOUCH systems.

Pre-Installation Checklist

- Verify vehicle compatibility: Nissan 370Z, model years 2009-2021.
- Ensure all components listed in the package contents are present.
- Disconnect the vehicle's battery before beginning installation to prevent electrical damage.

Installation Steps

1. Carefully remove the original car radio and dashboard trim. Refer to vehicle-specific guides or seek professional assistance if you are unsure about this step.
2. Connect the provided wiring harnesses to the vehicle's existing connectors. Ensure all connections are secure and properly seated.
3. Connect the GPS antenna, 4G signal antenna, and external microphone to their respective ports on the head unit.
4. Carefully integrate the new head unit into the dashboard opening, ensuring no wires are pinched.
5. Reconnect the vehicle's battery.
6. Power on the unit and perform initial function tests to confirm proper operation.

Note: For optimal installation, it is recommended to consult a professional installer or refer to detailed video guides available online. Before purchasing, please provide a picture of your car's dashboard, model, manufacturing year, and center console shape to confirm compatibility.





13.6 Inch FHD Touchscreen

1080*1920P brings you ultimate audio-visual experience



Comparison of Nissan 370Z dashboard before and after installation of the 13.6-inch AuCar head unit.

Support OEM Steering Wheel Control

You can control the desired functions from the steering wheel



Various cables and components included for plug-and-play installation.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button on the unit or use the vehicle's ignition to power the unit on or off.

Android 13 OS Interface

The unit operates on the Android 13.0 OS. Navigate the interface using the responsive 13.6-inch capacitive multi-touch screen. Standard gestures such as swiping, tapping, and pinching are supported.

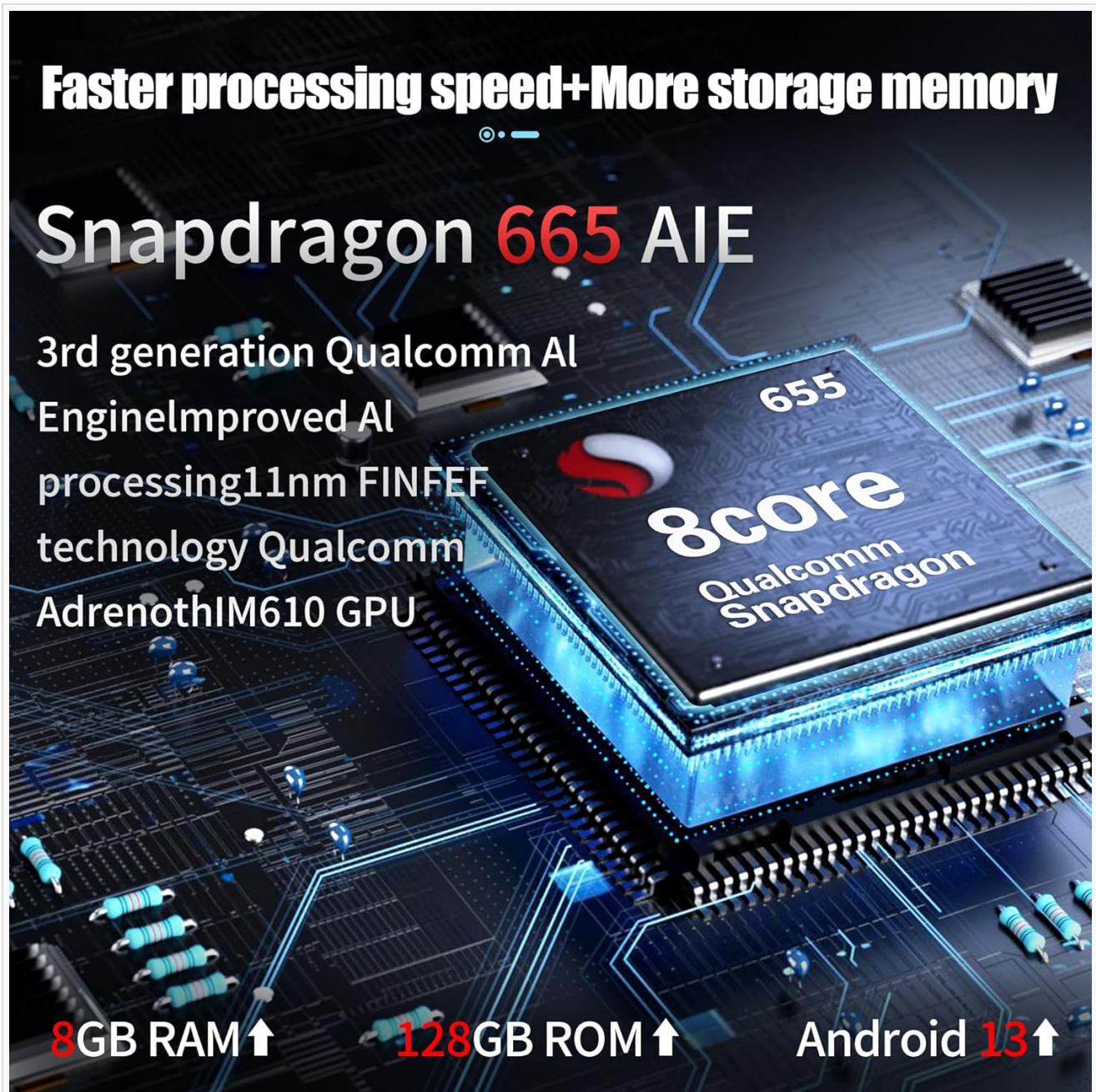
Wireless Apple CarPlay & Android Auto

Connect your compatible smartphone wirelessly to access Apple CarPlay or Android Auto functionality. This allows seamless integration of navigation, music, calls, and messages directly onto the head unit display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the head unit, select the CarPlay or Android Auto application.

3. Follow the on-screen prompts to pair your device.

Note: When connected to CarPlay or Android Auto, the Bluetooth or Wi-Fi function cannot be used simultaneously with the hotspot or other devices.



Faster processing speed+More storage memory

Snapdragon 665 AIE

3rd generation Qualcomm AI EngineImproved AI processing11nm FINFET technology Qualcomm AdrenoTM610 GPU

8GB RAM ↑ **128GB ROM ↑** **Android 13 ↑**

Wireless Apple CarPlay and Android Auto integration.

GPS Navigation

The unit includes built-in GPS with support for offline maps. Online maps are also accessible via Wi-Fi or a 4G SIM card connection.

1. Open the pre-installed navigation application.
2. Enter your desired destination.
3. Follow the voice and visual prompts for turn-by-turn directions.

Multimedia Playback

The head unit supports HD 1080P video playback and a variety of audio formats.

- **USB Port:** Connect USB drives to play media files.

- **Bluetooth 5.0:** Stream audio wirelessly from your smartphone or other Bluetooth-enabled devices.
- **AM/FM Radio with RDS:** Tune into local radio stations with enhanced data display.
- **Built-in Google Play Store:** Download and install additional media applications for expanded entertainment options.

Connectivity (Wi-Fi & 4G SIM)

The head unit features built-in Wi-Fi for internet access and supports a 4G SIM card for cellular data connectivity, allowing you to stay connected on the go.

1. **Wi-Fi:** Navigate to Settings > Wi-Fi, select your desired network, and enter the password.
2. **4G SIM:** Insert a compatible 4G SIM card into the designated slot (if available) to enable cellular data.



Access to various applications via Wi-Fi and 4G SIM card connectivity.

Steering Wheel Control

The unit is compatible with your vehicle's OEM steering wheel controls, enabling you to manage audio, calls, and other functions safely without removing your hands from the wheel.

1. Access the steering wheel control settings within the unit's main menu.
2. Follow the on-screen instructions to map the vehicle's steering wheel buttons to your preferred functions.

Product Details



Front



Back



Left side



Right side

Seamless integration with OEM steering wheel controls.

Camera Support

The system supports both OEM and aftermarket reverse cameras, providing a clear reversing image on the large screen for enhanced safety and easier parking maneuvers.

Supports WiFi and 4G SIM Card Connectivity

Built-in Google Play to download the apps you need



Reverse camera view displayed on the head unit screen.

Climate Control Integration

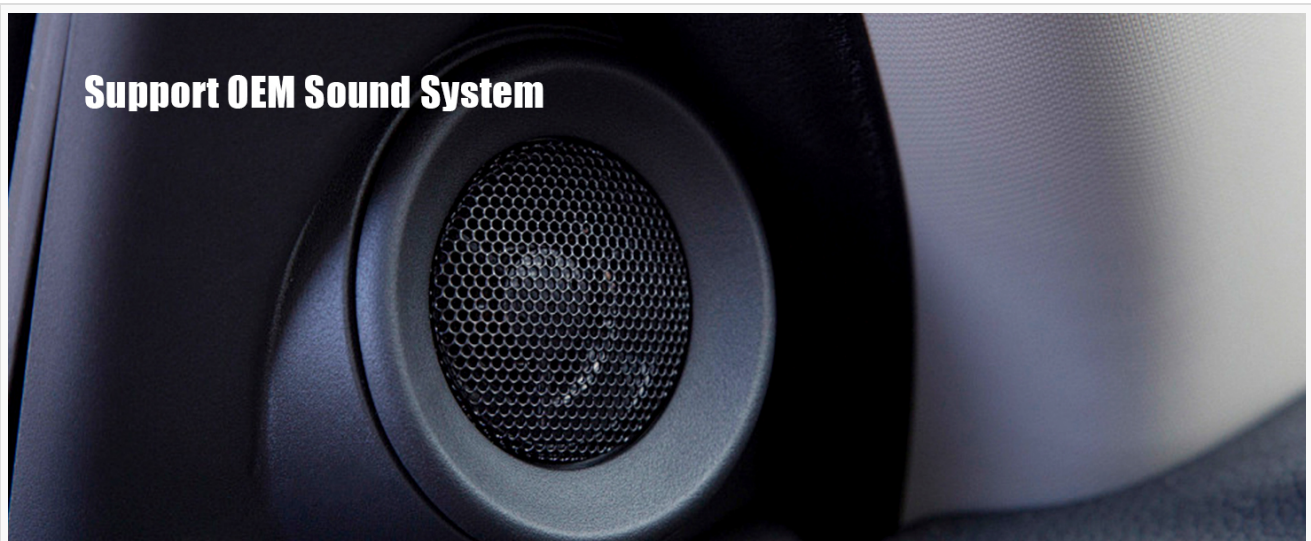
The head unit integrates with the vehicle's climate control system, allowing you to conveniently adjust air conditioning and heating settings directly from the touchscreen interface.



Integrated climate control and heated seat functions.

OEM Sound System Support

The unit is designed to support your vehicle's original sound system, ensuring continued audio quality and compatibility with existing speakers and amplifiers.



Compatibility with the vehicle's OEM sound system.

MAINTENANCE AND CARE

Screen Cleaning

Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals, which can damage the display.

Software Updates

Periodically check for software updates to ensure optimal performance, security, and access to new features. Updates can typically be found in the system settings menu or on the manufacturer's official website.

General Care

Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods. Ensure proper ventilation around the unit to prevent overheating. Do not attempt to disassemble the unit, as this will void the warranty.

TROUBLESHOOTING GUIDE

No Power

- Check all power connections to ensure they are secure and properly seated.
- Verify the vehicle's battery is properly connected and charged.
- Inspect vehicle fuses related to the radio/head unit for any blown fuses.

No Sound

- Check volume levels on the head unit and any connected devices.
- Ensure all speaker connections are secure and correctly wired.
- Verify audio output settings in the system menu are configured correctly.

GPS Signal Issues

- Ensure the GPS antenna is properly installed and has a clear, unobstructed view of the sky.
- Check GPS settings in the unit's menu to ensure GPS is enabled.

Touchscreen Unresponsive

- Restart the head unit by turning the vehicle off and on, or by using the reset button if available.
- Ensure the screen is clean and free of debris or moisture.
- If the issue persists, a factory reset may be necessary (note: this will erase user data and settings).

Apple CarPlay / Android Auto Connection Problems

- Ensure Bluetooth and Wi-Fi are active on both your smartphone and the head unit.
- Verify that your phone is compatible with Apple CarPlay or Android Auto.
- Try restarting both your phone and the head unit.
- Check for any available software updates for the head unit or your phone's operating system.

TECHNICAL SPECIFICATIONS

Support OEM Car Camera

The extra-large screen displays a clear reversing image, making reversing safer



Front and back view of the AuCar head unit.

Feature	Detail
Model	V300
Operating System	Android 13.0
Processor	Snapdragon 665AIE (8 CORES)
RAM	8GB
ROM	128GB
Display Size	13.6 inches
Display Resolution	1920*1080 IPS Capacitive Multi-Touch
Connectivity	Wi-Fi, 4G SIM, Bluetooth 5.0, USB

Feature	Detail
Audio Output	4*45W, 7850 amplifier, 9 Equalizers
Radio	AM/FM with RDS (NXP6686 Chip)
GPS	Built-in GPS (Offline & Online Map Support)
Compatibility	Nissan 370Z (2009-2021), OEM IN TOUCH, Steering Wheel Control, OEM Car Camera
Item Weight	8.51 pounds
Product Dimensions	8 x 4 x 4 inches
Included Components	1* GPS Tracker (main unit, wiring harnesses, antennas, external microphone)

WARRANTY AND CUSTOMER SUPPORT

Warranty Information

This product is covered by a 30-day manufacturer warranty. Additionally, AuCar provides 12 months of after-sales support to address any product-related concerns.

Returns and Replacements

We offer a 30-day hassle-free return policy and no-cost replacements for eligible issues, ensuring your satisfaction with the product.

Contact Support

For technical assistance, warranty claims, or any questions regarding your AuCar head unit, please contact our customer support. Support is available 24 hours online.

If you purchased through Amazon, you can typically contact the seller by navigating to your order history and selecting "Ask a question" next to the product listing.



Instructions on how to contact the seller for support.