

CGOGC 4GRAM64GROM

CGOGC Android Car Radio Instruction Manual

Model: 4GRAM64GROM | For Nissan Rogue X-Trail Qashqai (2014-2018)

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your new CGOGC Android Car Radio. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Always prioritize safety. Improper installation or operation can lead to vehicle damage or personal injury. Consult a professional if you are unsure about any installation steps.

- Do not operate the device in a way that distracts you from driving.
- Ensure all wiring is correctly connected to prevent short circuits or electrical fires.
- Avoid exposing the unit to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Do not attempt to disassemble or modify the unit. This will void the warranty.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

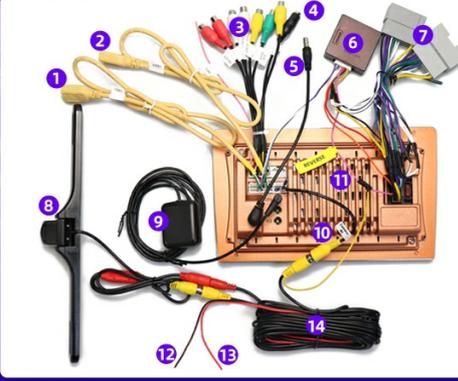
- Car Radio Head Unit
- Power Cable
- Adapter Cable
- RCA Cable
- Dual USB Cables
- Camera
- Camera IN Cable
- GPS Antenna

- Microphone
- Installation Tool

Head unit wiring diagram



For more details,
please feel free
to ask us.



- 1 USB-1 Port
- 2 USB-2 port
- 3 RCA cable connection plug
- 4 External Microphone Connection Plug
- 5 Radio Antenna Connection Plug
- 6 CANBUS box
- 7 Power and Speaker Connection Plugs
- 8 Backup camera
- 9 GPS antenna
- 10 Backup camera video input plug
- 11 Backup camera Detection Cable
- 12 Backup camera ground cable
- 13 Backup camera power supply 12V
- 14 Backup camera video cable

Figure 3.1: Included accessories for the CGOGC Android Car Radio.

4. SPECIFICATIONS

Feature	Description
Brand	CGOGC
Vehicle Service Type	Car
Screen Size	10 Inches
Special Features	Bluetooth, Touchscreen, Android Auto, Wireless CarPlay, GPS Navigation, DSP
Connectivity Technology	Bluetooth, USB, Wi-Fi
Map Type	North America (supports other map applications)
Audio Output Mode	AUX, Stereo
Mounting Type	Dashboard Mount
Resolution	1280 x 720
Operating System	Android
Memory Storage Capacity	64 GB (4GB RAM)
Processor	Octa Core 2.0GHz
Radio Chip	TDA7708
Power Amplifier Chip	TDA388

5. INSTALLATION GUIDE

This section outlines the general installation process. Specific vehicle models may require slight variations. It is recommended to consult a professional for installation if you are not familiar with car electronics.

5.1. Pre-Installation Checks

- Ensure your vehicle is compatible with the unit (Nissan Rogue X-Trail Qashqai 2014-2018).
- Disconnect the vehicle's battery before starting any electrical work.
- Gather all necessary tools, including the provided installation tool.

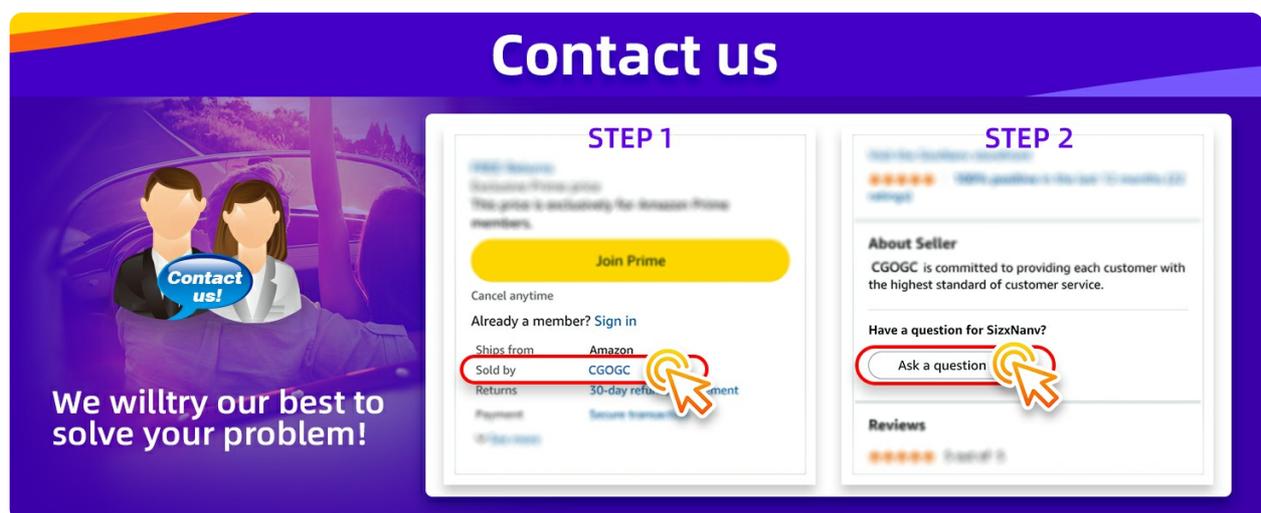
5.2. Step-by-Step Installation

1. **Remove Original Radio:** Carefully use the provided tool to pry open the trim around the original car radio player and remove it.
2. **Connect Harness Plugs:** Connect the vehicle's wiring harness plugs to the corresponding sockets on the back of the new head unit. Ensure all connections are secure.
3. **Connect Antennas and Cables:** Connect the GPS antenna, radio antenna, and any other necessary cables (e.g., USB, camera input, external microphone).
4. **Install Head Unit:** Carefully slide the new head unit into the center console opening until it clicks into place. Ensure no wires are pinched.

Your browser does not support the video tag.

Video 5.1: Installation guide for the CGOGC Android Car Radio, demonstrating removal of the old unit and connecting the new head unit's wiring.

5.3. Wiring Diagram



The image shows a screenshot of an Amazon product page for a car radio. The main heading is "Contact us". Below this, there are two steps: "STEP 1" and "STEP 2". "STEP 1" is titled "Join Prime" and includes a "Join Prime" button, a "Cancel anytime" link, and a "Sign in" link. "STEP 2" is titled "Ask a question" and includes an "Ask a question" button. The page also features a "Contact us!" button, a "We will try our best to solve your problem!" message, and a "Contact us!" button. The page includes a "Contact us!" button, a "We will try our best to solve your problem!" message, and a "Contact us!" button.

Figure 5.1: Detailed wiring diagram for the CGOGC Android Car Radio, showing connections for USB, RCA, CANBUS, GPS, and power.

6. OPERATING INSTRUCTIONS

This section covers the primary functions and features of your CGOGC Android Car Radio.

6.1. Basic Functions

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.
- **Touchscreen Interface:** Navigate through menus and applications by tapping and swiping on the 10-inch IPS screen.
- **Volume Control:** Adjust volume using the on-screen controls or steering wheel buttons.

Figure 6.1: The Android operating system interface with Octa-Core CPU, 4GB RAM, and 64GB ROM.



Figure 6.2: The 10-inch Super Clear IPS Screen with 1280x720 resolution and 2.5D tempered glass touch.

6.2. Wireless CarPlay and Android Auto

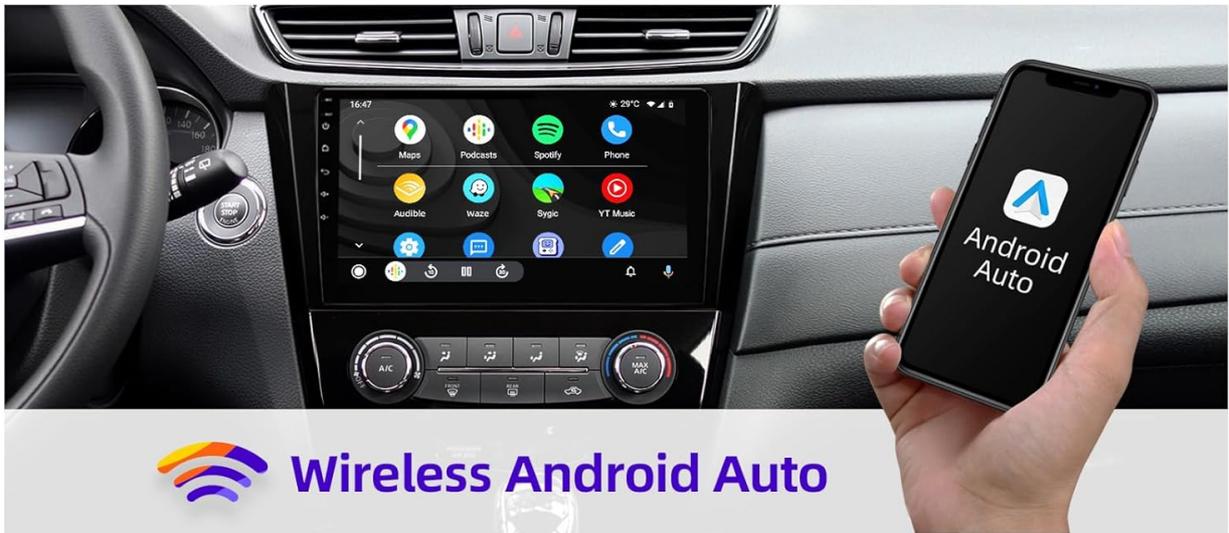
The unit supports both Wireless CarPlay for Apple devices and Wireless Android Auto for Android devices, allowing seamless integration of your smartphone's features.

1. **Enable Bluetooth:** On your smartphone, enable Bluetooth and search for the head unit's Bluetooth name (e.g., DEV-BT1217).
2. **Pair Device:** Select the head unit from your phone's Bluetooth list and confirm the pairing code.
3. **Activate CarPlay/Android Auto:** Once paired, the system will prompt you to activate CarPlay or Android Auto. Follow the on-screen instructions.
4. **Voice Control:** Use Siri (for CarPlay) or Google Assistant (for Android Auto) for hands-free control of navigation, music, calls, and messages.

Compatible with CarPlay & Android Auto



 **Wireless CarPlay**



 **Wireless Android Auto**

Figure 6.3: Wireless CarPlay and Android Auto functionality for smartphone integration.



Figure 6.4: CarPlay and Android Auto support with Siri and Google voice functions.

6.3. Bluetooth 5.0 Connection

Connect your phone via Bluetooth for hands-free calling and music playback.

1. Go to the Bluetooth application on the head unit.
2. Enable Bluetooth on your smartphone and search for the device.
3. Select the head unit's name (e.g., DEV-BT1217) and confirm pairing.
4. Once connected, you can make calls, access contacts, and stream audio.



Figure 6.5: Bluetooth 5.0 for hands-free calling and music streaming.

6.4. GPS Navigation

The unit comes with pre-installed navigation software and supports online/offline maps. You can also install other navigation applications from the Google Play Store.

1. Tap the 'Navi' icon to open the navigation application.
2. Enter your destination using the on-screen keyboard or voice input.
3. Follow the voice prompts and visual directions for your route.



Figure 6.6: GPS map navigation interface, supporting online and offline maps.

6.5. FM/AM/RDS Radio

Enjoy your favorite radio stations with clear reception thanks to the TDA7708 radio chip.

1. Tap the 'Radio' icon to access the radio interface.
2. Use the arrow buttons to manually tune or the search function to find stations.

3. Save your favorite stations as presets for quick access.
4. RDS (Radio Data System) provides additional information like station name and program type.



Figure 6.7: FM/AM/RDS radio interface with station tuning and display.

6.6. Media Playback (Audio & Video)

The unit supports various audio and video formats for a rich entertainment experience.

- **Audio:** Play music from USB drives or streaming apps. Supports lossless formats like MP3, APE, FLAC, WAV.
- **Video:** Enjoy 1080P HD video playback. Supports formats like MP4, AVI, MKV, WMV. The split-screen display allows simultaneous video viewing and navigation.



Figure 6.8: Music playback interface with support for various audio formats.

Application Installation

App store, browser, video and music playback are all available.



Figure 6.9: Video playback interface with 1080P HD support and split-screen capability.

6.7. DSP Digital Sound Processing

Customize your audio experience with the built-in DSP sound effect processing chip, offering 6 sound settings and a 30-band EQ.

- **Equalizer:** Adjust the 30-channel bands to fine-tune the sound frequencies.
- **Loudness & Smart Bass:** Enhance low and high frequencies and adjust bass output.
- **Filter:** Adjust high-pass and low-pass filters for front and rear speakers.
- **Balance & Delay:** Optimize sound field balance and delay for each speaker based on seating position.

Built-in Digital Signal Processing Chip



DSP SOUND SETTING



Delay

Adjust the delay time according to the distance of each speaker

Loudness

Adjust the loudness Low/high frequency and gain, Smart bass/SUB OUT/SUB AFR

Equalizer

Drag the icon adjust the EQ from 30CH bands according to your preference

Filter

Change frequency to adjust the highest and lowest possible frequencies

Balance

Drag the icon to FL/FR/RL/RR, the sound will come from the corresponding car horn

Figure 6.10: DSP sound settings interface for audio customization.

Digital Signal Processing + TDA7388 AMP



Figure 6.11: 30-Segments equalizer adjustment for precise audio tuning.



Figure 6.12: Loudness and Smart Bass adjustment controls.



Figure 6.13: Sound filter adjustment for high-pass and low-pass frequencies.

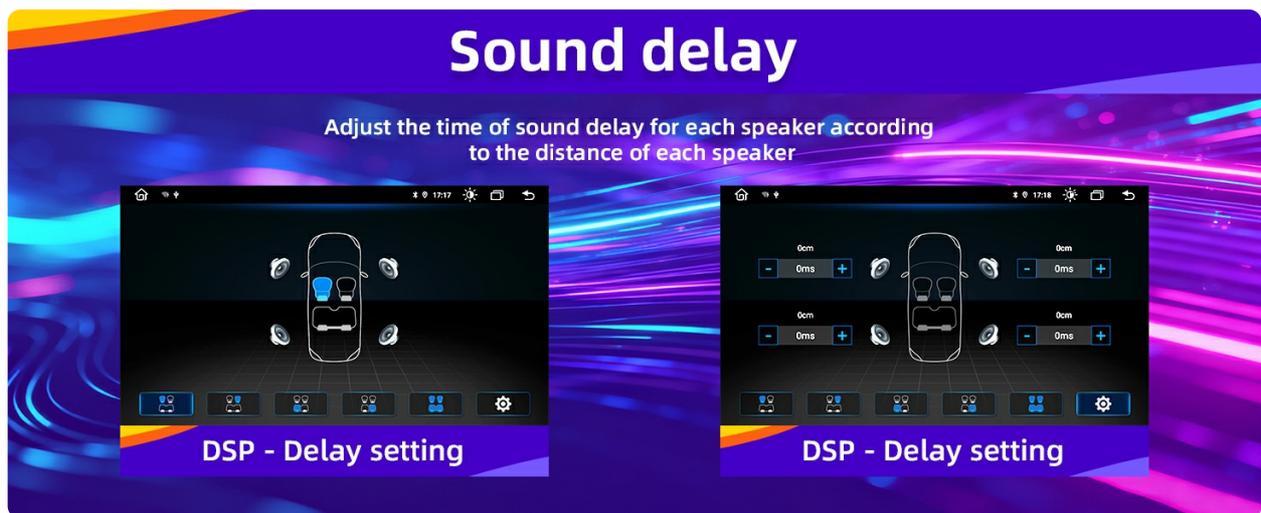


Figure 6.14: Sound field balance adjustment to optimize audio for seating positions.

Android system Octa-Core CPU

4GB memory 64GB storage



Figure 6.15: Sound delay adjustment for individual speakers.

6.8. App Installation (Google Play Store)

Access the Google Play Store to download and install a wide range of applications, including navigation, music, video, and more.

1. Ensure the unit is connected to Wi-Fi (see Section 6.9).
2. Tap the 'Play Store' icon on the home screen.
3. Log in with your Google account.
4. Browse or search for apps and install them as desired.

Product Accessory List



Figure 6.16: Application installation via the Google Play Store.

6.9. Wi-Fi Hotspot Connection

Connect the head unit to a Wi-Fi hotspot (e.g., from your smartphone) to access online features and download apps.

1. Go to 'Settings' on the head unit.
2. Select 'Network & Internet' or 'Wi-Fi'.
3. Turn on Wi-Fi and select your desired hotspot from the list.
4. Enter the password if prompted.



Figure 6.17: Wi-Fi hotspot connection for online functionality.

6.10. Steering Wheel Control (SWC)

The unit supports retaining your vehicle's original steering wheel control functions for convenience and safety.

- After installation, access the 'SWC' or 'Steering Wheel Control' settings in the unit's menu.
- Follow the on-screen instructions to map your vehicle's steering wheel buttons to the desired functions on the head unit.



Figure 6.18: Steering wheel control integration for convenient operation.

6.11. HD Backup Camera

The unit supports an HD night vision reversing camera for enhanced safety when backing up.

- When the vehicle is shifted into reverse, the camera feed will automatically display on the screen.
- The display includes dynamic guidelines to assist with parking.



Figure 6.19: HD night vision reversing image display.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and DSP settings. Ensure the correct audio source is selected.
- **Bluetooth/CarPlay/Android Auto Not Connecting:** Ensure Bluetooth is enabled on both devices. Try restarting both the head unit and your smartphone. Forget and re-pair the device.
- **GPS Signal Lost:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (consult support).

8. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure the best performance and access to new features.
- **Temperature:** Avoid leaving the unit in extreme hot or cold conditions for extended periods.

9. WARRANTY AND SUPPORT

Your CGOGC Android Car Radio comes with a 1-year warranty.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller directly. You can typically find seller contact information on your purchase platform or by clicking 'Sold by: CGOGC' and then 'Ask question'.

