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> AMprime 9-Inch Android 13 Car Stereo Radio User Manual for Nissan Juke (2011-2016)

AMprime AMprime Android 13 Car Stereo (2GB RAM + 32GB ROM) for Nissan Juke 2011-2016

AMprime 9-Inch Android 13 Car Stereo Radio User Manual

For Nissan Juke Models (2011-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMprime 9-inch Android 13 Car Stereo Radio. This unit is specifically designed for Nissan Juke vehicles manufactured between 2011 and 2016. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Figure 1.1: AMprime 9-inch Android 13 Car Stereo Radio main unit.

2. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation:

- AMprime 9-inch Android 13 Head Unit

- Power Cable
- Original USB Cable
- Installation Tool
- GPS Antenna
- USB Cable (additional)
- Camera Input Cable
- RCA Cable
- User Manual (this document)
- 12 LED Rear Camera

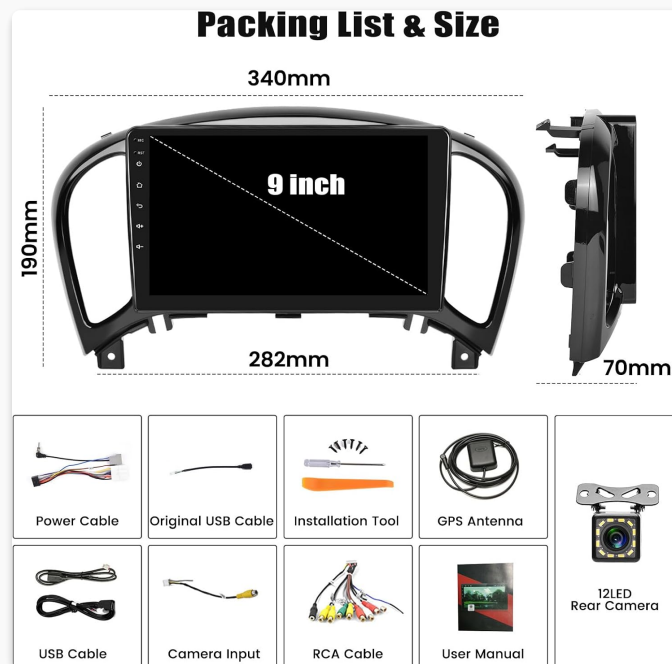


Figure 2.1: Included components and unit dimensions.

3. INSTALLATION GUIDE

The AMprime car stereo is designed for plug-and-play installation in Nissan Juke models (2011-2016). Basic experience with car audio component replacement is recommended.

3.1 Pre-Installation Steps

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Head Unit:** Carefully remove the existing car stereo and trim panels. Refer to your vehicle's service manual for specific instructions on panel removal.

3.2 Wiring Connections

Connect the provided wiring harness to the vehicle's factory harness. Ensure all connections are secure. The included power cable, USB cables, GPS antenna, and RCA cables should be connected to their respective ports on the new head unit.

3.3 Rear View Camera Installation

The included 12 LED rear camera provides a 170° ultra-wide field of view and night vision. Follow these steps for installation:

1. **Mount Camera:** Securely mount the camera at the rear of your vehicle, typically near the license plate light.
2. **Route Cable:** Route the camera's video cable through the vehicle's interior to the head unit.
3. **Connect Power:** Connect the camera's power wire to the vehicle's reverse light circuit. This ensures the camera activates automatically when reversing.
4. **Connect to Head Unit:** Plug the camera's video output into the 'Camera Input' port on the AMprime head unit.

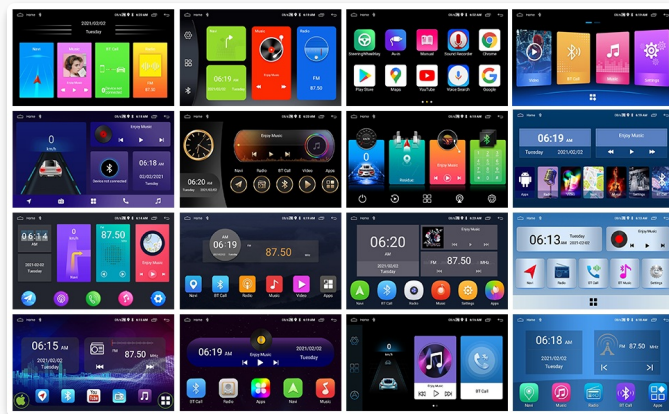


Figure 3.1: Rear view camera wiring diagram.

3.4 Final Assembly

1. **Install Head Unit:** Carefully slide the AMprime head unit into the dashboard opening, ensuring all wires are clear and not pinched.
2. **Secure Unit:** Secure the head unit with screws or clips as per your vehicle's design.
3. **Reinstall Trim:** Reattach any removed trim panels.
4. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.



Figure 3.2: Installed car stereo in a Nissan Juke.

4. OPERATING INSTRUCTIONS

Your AMprime car stereo runs on Android 13, offering a range of features for an enhanced driving experience.

4.1 Power On/Off and Basic Navigation

- **Power:** Press the power button (usually located on the front panel) to turn the unit on or off.
- **Touchscreen:** Navigate the interface using the responsive 9-inch touchscreen.
- **Home Screen:** Access various applications and settings from the customizable home screen.

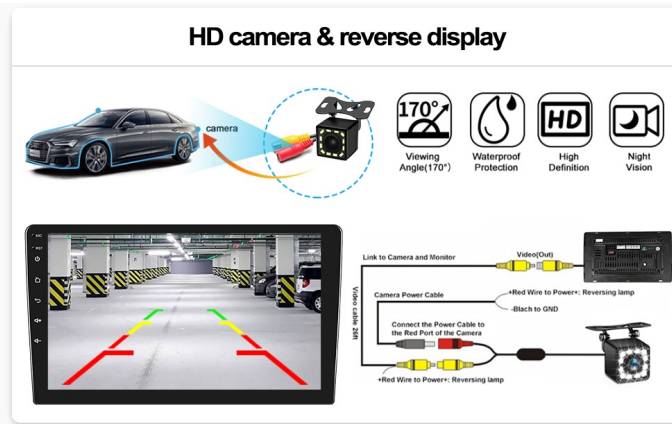


Figure 4.1: Various user interface screens.

4.2 GPS Navigation

The unit features a built-in WiFi module and GPS for navigation. Connect to a WiFi hotspot to download and update maps.

1. **Connect to WiFi:** Go to Settings > Network & Internet > Wi-Fi and connect to an available network.
2. **Launch Navigation App:** Open a pre-installed navigation app (e.g., Google Maps, Here WeGo, Waze) or download your preferred app from the app store.
3. **Enter Destination:** Follow the app's instructions to enter your destination and start navigation.



Figure 4.2: GPS Navigation interface.

4.3 FM/RDS Radio

Access local radio stations with clear sound quality. The unit supports 18 preset storage functions.

1. **Open Radio App:** Select the 'Radio' icon from the home screen.
2. **Tune Stations:** Use the on-screen controls to scan for stations or manually tune to a frequency.
3. **Save Presets:** Press and hold a preset button to save the current station.



Figure 4.3: FM/RDS Radio interface.

4.4 Bluetooth Connectivity

The built-in Bluetooth allows for hands-free calls and audio streaming.

1. **Enable Bluetooth:** Go to Settings > Connected devices > Bluetooth and turn it on.
2. **Pair Device:** Search for the car stereo on your mobile device and pair them.
3. **Hands-Free Calls:** Use the on-screen dialer or import contacts for making and receiving calls.
4. **Audio Streaming:** Play music from your paired device through the car stereo.



Figure 4.4: Bluetooth interface for calls.

4.5 Mirror Link Functionality

Mirror Link allows you to display your smartphone screen on the car stereo.

- **iOS Devices:** Supports one-way projection via WiFi. The phone screen is displayed on the stereo, but control remains on the phone.
- **Android Devices:** Supports two-way connection via USB or hotspot. You can control your Android phone directly from the car stereo's touchscreen.



Figure 4.5: Mirror Link feature.

4.6 Dual USB Ports

The unit includes dual USB ports for connecting external storage devices, charging your phone, or transferring files.



Figure 4.6: Dual USB ports.

4.7 Steering Wheel Control (SWC)

The car stereo supports integration with your vehicle's steering wheel controls, allowing you to manage audio and calls without taking your hands off the wheel.

1. **Configuration:** Access the SWC settings in the unit's menu to map your steering wheel buttons to specific functions (e.g., volume, track skip, answer call).
2. **Usage:** Once configured, use your steering wheel buttons to control the stereo.



Figure 4.7: Steering Wheel Control setup.

4.8 Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

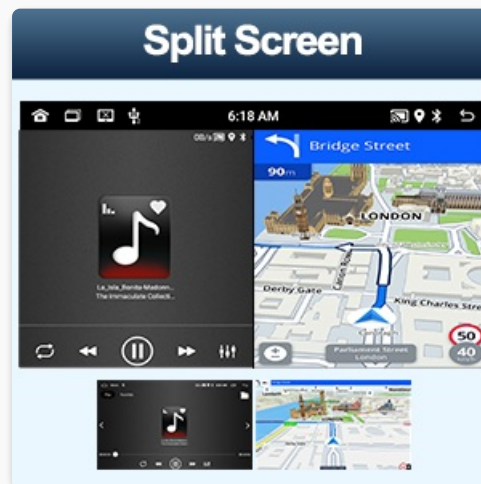


Figure 4.8: Split Screen in action.

4.9 Sound Settings

Adjust audio output to your preference through the sound effects menu.

- **Equalizer:** Customize sound frequencies for different music genres or personal taste.
- **Sound Field:** Adjust the audio focus within the vehicle.

5. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for system updates via WiFi to ensure you have the latest features and security patches.
- **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 and free from damage.

6. TROUBLESHOOTING

Refer to this section for solutions to common issues. If problems persist, contact customer support.

Problem	Possible Cause	Solution
No sound from speakers	Incorrect wiring; volume too low; mute activated; incorrect audio output mode.	Check speaker wiring connections. Increase volume. Ensure unit is not muted. Verify audio output settings.
Screen freezes or is slow	Too many applications running; system overload; software glitch.	Close unnecessary applications. Restart the unit. Perform a factory reset if necessary (backup data first).
Difficulty connecting Android Auto/Mirror Link	Incorrect cable; phone settings; app compatibility.	Ensure you are using a high-quality USB cable. Check phone's developer options for USB debugging. Verify Mirror Link app is updated. Try connecting via hotspot for Android.
Rear camera not displaying	Camera wiring incorrect; camera input not selected; faulty camera.	Check power and video connections for the camera. Ensure the unit automatically switches to camera input when reversing.
GPS signal weak or inaccurate	GPS antenna placement; environmental interference; outdated maps.	Ensure GPS antenna has a clear view of the sky. Update navigation maps via WiFi.

7. SPECIFICATIONS

Feature	Detail
Operating System	Android 13
RAM / ROM	2GB RAM / 32GB ROM
Display Size	9 Inches
Product Dimensions	5.24 x 1.06 x 2.91 inches
Item Weight	2.95 pounds
Connectivity	Bluetooth, USB, Wi-Fi
Special Features	Bluetooth, Mirror Link, WiFi, GPS Navigation, FM/RDS, SWC, Rear View Camera, Touchscreen
Included Components	Rear view camera
Vehicle Service Type	Car (Nissan Juke 2011-2016)

8. WARRANTY AND SUPPORT

AMprime offers a 1-year quality assurance for this product. For technical assistance, troubleshooting, or warranty claims, please contact our customer support team.

Customer Support Email: AmprimeTechSupport@yeah.net

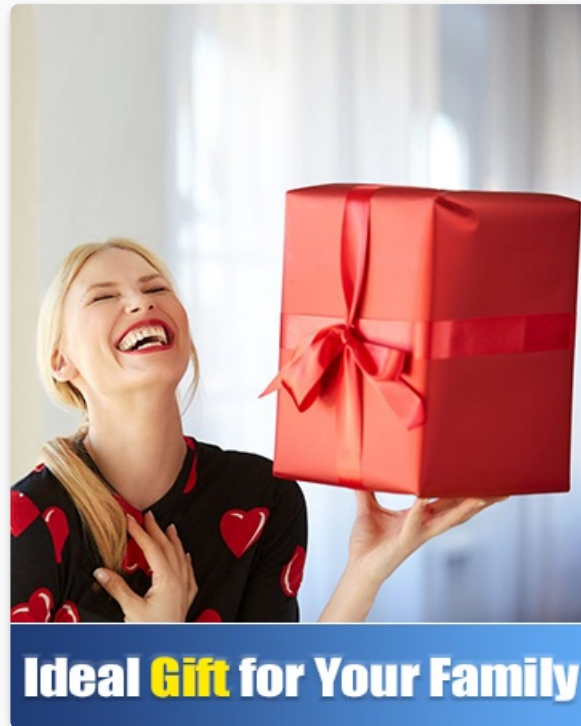


Figure 8.1: AMprime Customer Support.