AINAVI B0CFXR2G2C

AINAVI Double Din Car Stereo Instruction Manual

Model: B0CFXR2G2C
Brand: AINAVI

1. PRODUCT OVERVIEW

The AINAVI Double Din Car Stereo is a versatile multimedia player designed to enhance your in-car entertainment and navigation experience. It features a 10-inch QLED touchscreen, offering high-resolution visuals and intuitive control. This system supports wired and wireless Apple CarPlay and Android Auto, enabling seamless smartphone integration. Advanced audio processing with a 48-band EQ and Professional DSP ensures superior sound quality. The unit also includes a backup camera for improved safety and various connectivity options like Bluetooth, Wi-Fi, and USB.

Figure 1.1: AINAVI Double Din Car Stereo with included backup camera and smartphone integration.

2. WHAT'S INCLUDED

Please verify that all items listed below are present in your package:

- Car Head Unit (1280*720) x1
- AHD 1080P Rear View Camera x1
- USB 4Pin Cable x1
- User Manual x1
- Power Cable x1
- USB 6Pin Cable x1
- Microphone x1
- GPS Antenna x1
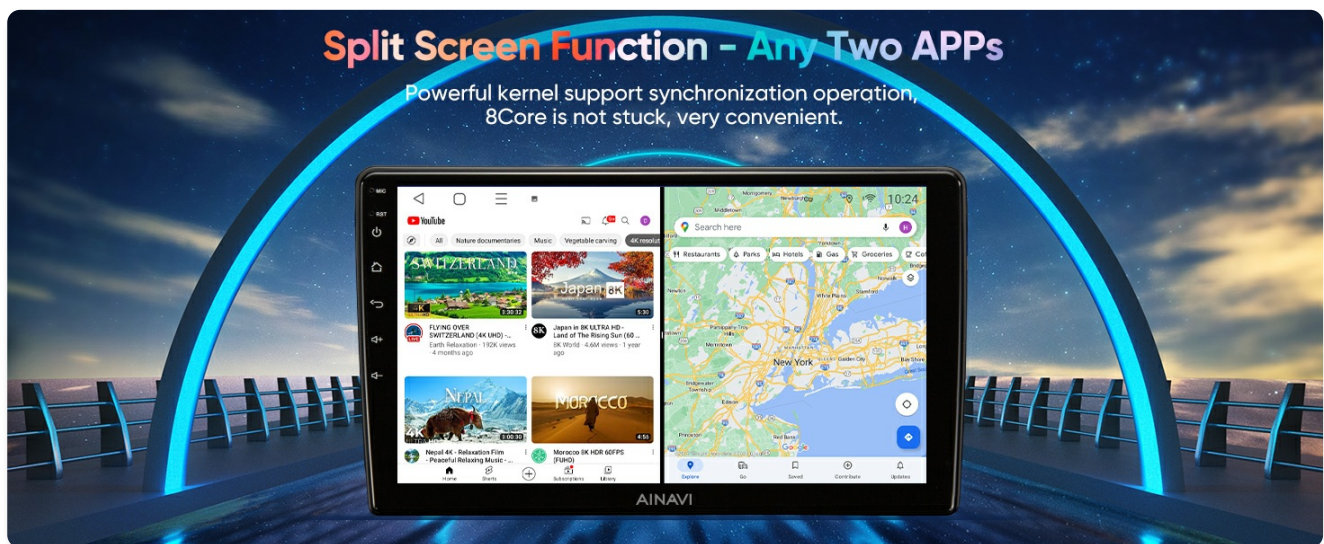- 24 H Engineer--Pre and After-Sale Services (Support)

Figure 2.1: Contents of the product package.

3. Setup and Installation

Installation of the AINAVI Double Din Car Stereo requires basic automotive electrical knowledge. It is recommended to have the unit installed by a qualified professional to ensure proper functionality and safety. Always disconnect the vehicle's battery before beginning installation.

3.1 Wiring Connections

Connect the provided power cable, USB cables, microphone, and GPS antenna to their respective ports on the head unit. Ensure all connections are secure to prevent signal loss or power issues. The backup camera should be wired according to the vehicle's reverse light circuit for automatic activation.

3.2 Mounting the Head Unit

Use the included mounting brackets to secure the head unit into your vehicle's double din slot. Ensure the unit is firmly in place to prevent movement during driving.

Figure 3.1: Example of the car stereo installed in a vehicle dashboard.

4. OPERATING INSTRUCTIONS

The AINAVI Double Din Car Stereo operates on an Android 12 system, providing a familiar and customizable user interface. The 10-inch QLED touchscreen offers responsive touch control for all functions.

4.1 Smart Voice Control

Once connected to CarPlay or Android Auto, voice assistants like Siri and Google Assistant can be activated. This allows for hands-free control of navigation, calls, messages, and music playback.

Figure 4.1: Smart Voice Control interface for CarPlay and Android Auto.

4.2 Wired & Wireless CarPlay / Android Auto

The unit supports both wired and wireless connections for Apple CarPlay and Android Auto. Connect your smartphone via USB or Bluetooth/Wi-Fi for seamless integration of your phone's features onto the car stereo display.

Video 4.2.1: Demonstrates mirror projection function and USB network connection for smartphone integration.

Video 4.2.2: Shows CarPlay, Android Auto, and mirroring features, along with shortcut key settings.

Figure 4.2.3: Wired and Wireless CarPlay and Android Auto connectivity.

4.3 Mobile Phone Mirroring (Tlink)

The Tlink function allows you to mirror your smartphone's screen directly onto the car stereo display, supporting both iPhone Airplay and Android devices. This enables viewing of apps and content from your phone on the larger screen.

Figure 4.3.1: Mobile Phone Mirroring via Tlink for both iPhone and Android.

4.4 Navigation Services

The unit supports various satellite navigation services, with 5G WiFi ensuring accurate and real-time map data. You can use Google Maps for 2D and 3D perspectives, including various route options and voice guidance.

Video 4.4.1: Demonstrates Google Earth and Google Maps functionality on the car stereo.
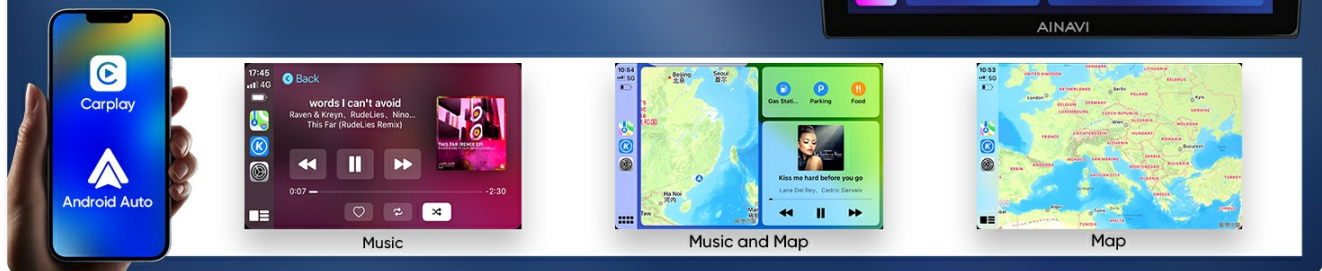
Figure 4.4.2: GPS Navigation and Car Multimedia Player capabilities.

4.5 Audio Features (DSP & EQ)

The Professional DSP (Digital Signal Processor) with 48-band EQ allows for precise audio customization. You can adjust sound profiles (Normal, Jazz, Pop, Classical, Heavy Metal, Vocal, Soft), surround sound patterns, bass boost, and individual speaker volume control. The voice point touch control feature allows you to optimize sound based on seating position.

Video 4.5.1: Demonstrates the Pro DSP and split screen functionality.

Figure 4.5.2: Detailed DSP and EQ settings for audio customization.

4.6 Video Playback & Rear View Camera

The unit supports 1080P video playback, providing clear visuals. The included 1080P rear view camera offers high-definition reversing scenes with an astern ruler line for precise parking. If your car supports astern trajectory, it will also be displayed on the screen.

Video 4.6.1: Features color key panel light, 1080P video player, and steering wheel control (SWC) support.

Figure 4.6.2: Video output capability for connecting to rear seat headrest monitors.

4.7 Split Screen Function

The powerful 8-Core processor supports simultaneous operation of two applications in split-screen mode, allowing for multitasking such as running navigation while playing videos.

Figure 4.7.1: Split screen functionality for running multiple applications.

4.8 Customizable Panel Light

The unit features 7 color button lights that can be set to constantly change or display a designated color, enhancing the car's interior ambiance.

4.9 Steering Wheel Control (SWC)

The car stereo supports steering wheel controls, allowing you to manage functions like volume, track changes, and calls directly from your steering wheel for convenience and safety.

4.10 App Installation (Google Play Store)

As an Android-based system, you can download and install various applications from the Google Play Store, including popular streaming services like YouTube, Netflix, and Disney+.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AINAVI Double Din Car Stereo, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates through the system settings. Updates can improve performance, add new features, and enhance security.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure proper ventilation around the unit to prevent overheating.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your car stereo. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
Unit turns off or freezes unexpectedly.	Loose power connection, software glitch, overheating, insufficient power supply.	Check power cable connections. Restart the unit. Ensure proper ventilation. Consult a professional for power supply verification.
Screen turns off by itself.	Sleep timer activated, display settings, software issue.	Check 'Sleep Time' or 'Panel light setting' in General settings. Restart the unit.
No sound or distorted audio.	Incorrect audio settings, loose speaker wires, DSP settings.	Verify EQ and DSP settings. Check speaker wire connections. Ensure volume is not muted.
CarPlay/Android Auto not connecting.	Incorrect USB cable, Bluetooth/Wi-Fi interference, phone settings.	Use original or certified USB cable. Ensure Bluetooth and Wi-Fi are enabled on both devices. Restart phone and head unit.
GPS signal is weak or inaccurate.	GPS antenna placement, environmental interference.	Ensure GPS antenna has a clear view of the sky. Avoid placing near metal objects.

7. SPECIFICATIONS

Feature	Detail
Screen Size	10 inches (26 cm visible diagonal)
Display Type	QLED Touchscreen (1280*720 resolution)
Operating System	Android 12
Processor	8-Core CPU
RAM	3GB
ROM	32GB
Connectivity	Wireless, Bluetooth, Wired, Wi-Fi (2.4GHz & 5GHz), USB
Bluetooth Version	5.0
Audio Output Mode	Surround (6.x Surround Sound Channel Configuration)
Equalizer	48-EQ (Voice Point Touch Control) + Premium DSP
Rear View Camera	AHD 1080P included
Item Weight	3.76 pounds
Package Dimensions	13.94 x 9.72 x 5.31 inches

8. WARRANTY AND SUPPORT

AINAVI is committed to providing high-quality products and customer satisfaction. Professional technical support is available to assist with installation and any operational queries you may have.

8.1 Technical Support

Our technical support team is available 24 hours a day for pre-sale and after-sale services. Please contact us freely for assistance with installation or troubleshooting.

Figure 8.1: Information on contacting technical support.

8.2 Warranty Information

For detailed warranty terms and conditions, please refer to the warranty card included with your product or contact AINAVI customer service directly.