

AINAVI B0DPQJ88QZ

AINAVI Single Din Car Radio Stereo User Manual

Model: B0DPQJ88QZ

Brand: AINAVI

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI Single Din Car Radio Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This device integrates advanced features such as Wireless CarPlay, Android Auto, GPS Navigation, WiFi, Bluetooth, and supports a backup camera, enhancing your in-car entertainment and navigation experience.

2. PRODUCT FEATURES

- Wireless CarPlay & Android Auto:** Seamless integration with your smartphone for navigation, calls, messages, and music via voice control (Siri/Google Assistant).
- 10-Inch HD Capacitive Touch Screen:** Large, responsive, and adjustable display supporting 1080P video playback for a clear viewing experience.
- Real-time GPS Navigation:** Utilizes smartphone GPS data for up-to-date map information via CarPlay/Android Auto applications like Google Maps and Waze.
- Enhanced Bluetooth 5.1:** Supports hands-free calling and audio streaming for safe and convenient communication and music playback.
- WiFi Connectivity:** Connect to a WiFi hotspot for online music, navigation maps, and other internet-based applications.
- Steering Wheel Control (SWC) Support:** Easily control music and calls using your vehicle's existing steering wheel controls.
- Split Screen Mode:** Run two applications simultaneously on the screen for enhanced multitasking.
- Full RCA Output:** Connect external monitors for rear seat entertainment.
- 1080P Rearview Camera Support:** Digital signal, 170-degree wide angle, waterproof design for safe backing up.
- Operating System:** Android 12.
- Memory:** 2GB RAM + 32GB Storage.

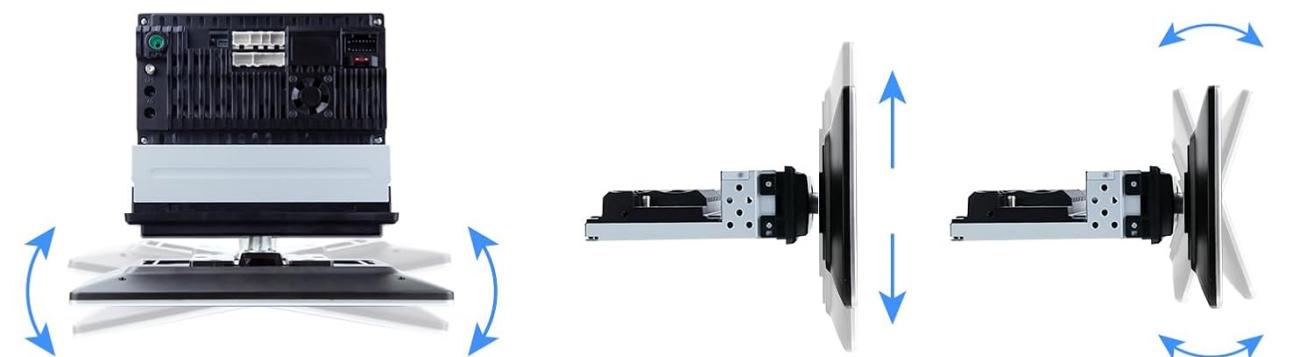


Figure 2.1: Main user interface of the AINAVI 10-inch Single Din Car Stereo, highlighting its adjustable screen and core functions.



Figure 2.2: Overview of key features including Carplay, Split Screen, Steering Wheel Control, Bluetooth, Android Auto, DSP, HD Resolution, and GPS.

3. WHAT'S IN THE Box

Please check the contents of your package against the list below:

- 10 inches Portable CarPlay Screen x 1
- User Manual x 1
- Microphone x 1
- USB cable x 1
- AHD 1080P Rear View Camera x 1
- Power harness x 1
- RCA cable x 1
- GPS Module x 1
- Reversing Control Cable x 1
- Frame Removal tool x 1
- Snaps x 2

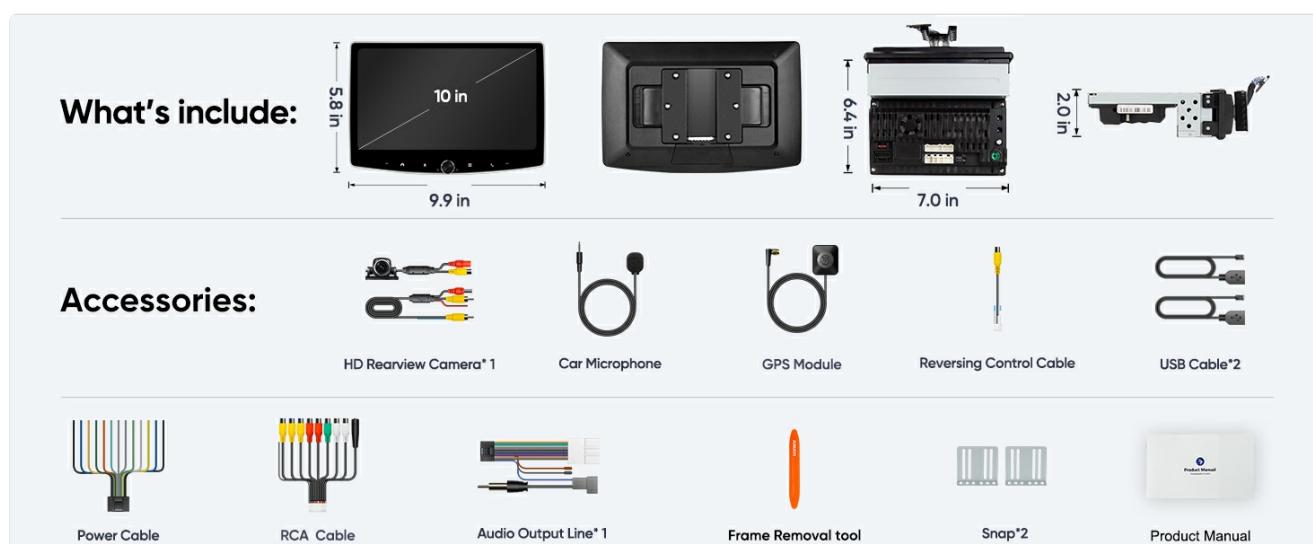


Figure 3.1: Visual representation of all components included in the package.

4. INSTALLATION GUIDE

The AINAVI Single Din Car Radio Stereo is designed for easy installation, but professional installation is recommended. Ensure your vehicle's dashboard has a single DIN slot. The adjustable screen allows for flexible positioning after installation.

4.1 Pre-Installation Check

- Verify all components listed in Section 3 are present.
- Disconnect the vehicle's battery before starting any electrical work.
- Familiarize yourself with your vehicle's existing wiring harness.

4.2 Installation Steps

1. Remove your existing car stereo unit from the dashboard.
2. Connect the provided power harness, RCA cables, and other necessary cables to the new AINAVI unit and your vehicle's wiring.

3. If installing the rearview camera, route the camera cable to the rear of the vehicle and connect it to the designated input on the stereo unit.
4. Mount the main unit into the single DIN slot.
5. Attach the 10-inch display to the main unit and adjust its angle for optimal viewing.
6. Reconnect the vehicle's battery and test the unit's functionality.



Figure 4.1: Visual comparison of a car dashboard before and after the installation of the AINAVI car stereo.

For detailed wiring diagrams or specific vehicle installation guidance, please refer to the included wiring diagram or contact our technical support team.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Basic Controls

- Press the power button (usually a knob or touch icon) to turn the unit on or off.
- Adjust volume using the physical knob or on-screen controls.

- Navigate through menus by tapping icons on the touchscreen.

5.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, communication, and entertainment features.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, go to the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone.
4. Once connected, your phone's compatible apps will appear on the stereo display.



Figure 5.1: Demonstrates the Apple CarPlay and Android Auto interfaces on the stereo screen.

5.3 GPS Navigation

Utilize your preferred navigation app through CarPlay or Android Auto for real-time directions.

- Open your chosen navigation app (e.g., Google Maps, Waze) from the CarPlay/Android Auto interface.
- Enter your destination using the touchscreen or voice commands.
- The system will provide turn-by-turn directions and real-time traffic updates.

GPS Navigation

The best companion on the journey. Built-in GPS module, and support map software in the Google Play application market



Figure 5.2: GPS navigation display on the car stereo screen.

5.4 Bluetooth & WiFi Connection

Connect to Bluetooth for calls and music, and WiFi for internet access.

- **Bluetooth:** Go to the Bluetooth settings on the stereo, enable Bluetooth, and search for your phone. Pair the devices. You can then make hands-free calls and stream audio.
- **WiFi:** Access the WiFi settings, scan for available networks, and connect to your smartphone's hotspot or another WiFi source.

Support WiFi and BT Connection

Support to connect wifi hotspot to access the internet in the car, enjoy online music, navigation maps.



Figure 5.3: Demonstrates WiFi and Bluetooth connectivity for phone calls and music streaming.

5.5 Split Screen Mode & Mirroring

Enhance productivity and entertainment by running multiple apps or mirroring your phone's screen.

- **Split Screen:** From the home screen or app drawer, select an app and drag it to one side of the screen. Then select another app for the other side.
- **Mirroring:** Use the Android mirroring or Airplay feature to display your smartphone's screen directly on the stereo.

Split Screen Mode



Steering Wheel Control



Figure 5.4: Split screen mode in action, allowing two applications to be viewed simultaneously.

Split Screen and Mirroring



Figure 5.5: Split screen and mirroring functionality for enhanced user experience.

5.6 Steering Wheel Control (SWC)

Program your steering wheel buttons to control the stereo functions.

- Access the SWC settings in the stereo's menu.
- Follow the on-screen instructions to map each steering wheel button to a specific function (e.g., volume up/down, track skip, mode change).

5.7 Rearview Camera

The system automatically displays the rearview camera feed when the vehicle is in reverse.

- Ensure the rearview camera is properly installed and connected.
- When shifting into reverse gear, the screen will automatically switch to the camera view.

Figure 5.6: Features and display of the 1080P rearview camera.

5.8 Full RCA Output

Connect external displays for extended entertainment.

- Use the provided RCA cables to connect the stereo's RCA output to external monitors (e.g., headrest screens).
- Content played on the main stereo screen can be mirrored to the connected external displays.



Figure 5.7: Demonstrates the Full RCA Output feature, allowing video playback on external screens.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AINAVI 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 from the manufacturer (if available) to ensure the system runs efficiently and has the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

7. TROUBLESHOOTING

If you encounter issues with your AINAVI car stereo, refer to the following common problems and solutions. If the problem persists, please contact technical support.

Problem	Possible Cause	Solution
Unit does not power on	No power connection; Blown fuse; Wiring issue	Check power cables; Inspect vehicle's fuse box; Verify wiring connections.
No sound output	Volume too low; Mute activated; Speaker wiring issue; Incorrect audio source	Increase volume; Check mute setting; Verify speaker connections; Select correct audio source.
CarPlay/Android Auto not connecting	Bluetooth/WiFi off; Phone not paired; App issues	Ensure Bluetooth/WiFi are on; Re-pair phone; Restart phone and stereo.
GPS signal lost or inaccurate	Poor satellite reception; GPS antenna issue; App error	Move to open area; Check GPS antenna connection; Restart navigation app.
Rearview camera not displaying	Camera not connected; Incorrect wiring; Camera malfunction	Check camera connection; Verify reverse trigger wire; Test camera.

8. SPECIFICATIONS

Feature	Specification
Model	B0DPQJ88QZ
Display Size	10 Inches
Operating System	Android 12
Memory Storage Capacity	2 GB RAM
Connectivity Technology	USB+RCA, Wi-Fi, Wireless CarPlay+Android Auto, Android Mirroring+Airplay
Special Features	Bluetooth, Wireless Android Auto, 5G WiFi, Hands-Free Calling, Wireless CarPlay
Mounting Type	Dashboard Mount (Single Din)
Item Weight	5.68 pounds
Package Dimensions	13.15 x 12.2 x 5.55 inches
Country of Origin	China

9. WARRANTY & SUPPORT

9.1 Product Warranty

This AINAVI product comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2 Technical Support

Our professional technical support team is available to assist you with any installation questions or operational issues. Please do not hesitate to contact us for assistance.

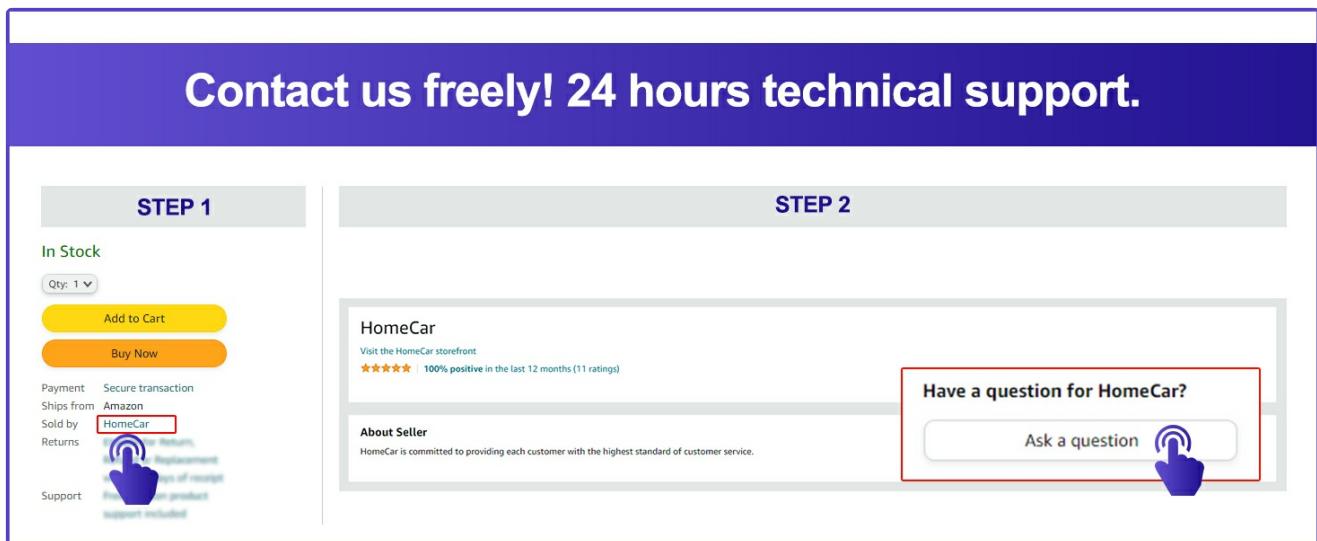


Figure 9.1: Information on how to contact technical support for assistance.

For support, you can typically reach out through the seller's contact information provided at the point of purchase (e.g., on the Amazon product page, look for the seller 'HomeCar' and their 'Ask a question' link).