

AINAVI 2G+32G

AINAVI 10-inch CarPlay Android Car Stereo User Manual

Model: 2G+32G
For Chevy Silverado, GMC Sierra, Buick Enclave

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 10-inch CarPlay Android Car Stereo. This head unit is designed to enhance your driving experience with advanced features such as wireless CarPlay and Android Auto, GPS navigation, a high-resolution QLED touchscreen, and comprehensive multimedia capabilities. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. APPLICABLE CAR MODELS

This AINAVI car stereo is compatible with specific Chevrolet, GMC, and Buick models. Please refer to the table and images below to confirm compatibility with your vehicle.



Image: Table showing compatible car models including Chevrolet Avalanche, Equinox, HHR, Impala, Silverado, Traverse, GMC Acadia, Sierra, Yukon, and Buick Enclave. Also shows examples of 'Fit' and 'NotFit' original car radio units.

The unit is designed for Chevrolet Silverado (2007-2013), GMC Sierra Yukon (2007-2013), and Buick Enclave (2008-2012). It replaces the original head unit, offering a modern touchscreen interface.



Image: Comparison showing the original car dashboard with a smaller radio unit ('Before installation') and the same dashboard with the new 10-inch AINAVI car stereo installed ('After installation').

3. PRODUCT FEATURES

- **10-inch QLED Touchscreen:** Features a 1280x720 resolution for HD visuals and 1080P video playback, with 2.5D curved glass and 178° viewing angles for better color accuracy, brightness, and contrast.
- **Wireless CarPlay & Android Auto:** Stable signal flow for seamless integration with your smartphone, supporting both wired and wireless connections.
- **AirPlay & MirrorLink:** Wired/wireless mirroring function (Airplay+Android) for screen projection.
- **Powerful Navigation:** Supports most satellite services and 5G WiFi for accurate navigation. Includes Google Maps with 2D/3D perspectives, various route options, and voice functions.
- **High Performance:** Equipped with a 4-Core host CPU and Dual-Core GPU for smooth operation and enhanced 3D environment rendering.
- **Memory & Storage:** 2GB RAM and 64GB ROM allow for simultaneous software operation and ample space for apps and data.
- **Split Screen Functionality:** Run multiple applications simultaneously on the screen.
- **1080P Rear View Camera Support:** Provides HD reversing scenes with an astern ruler line. Supports car astern trajectory display.
- **Audio Customization:** 48-EQ (Voice Point Touch Control) and Professional DSP for sound adjustment, including 7 sound types (Normal, Jazz, Pop, Classical, Heavy Metal, Vocal, Soft) and 6 surround sound patterns. Individual speaker volume control is available.
- **Colorful Panel Light:** 7-color button lights that can be changed or set to a designated color.
- **USB to RCA Output:** Allows independent video playback on multiple screens for backseat entertainment.

4. SETUP AND INSTALLATION

This section outlines the general installation process and specific instructions for connecting the rearview camera.

4.1 General Installation Overview

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Video: This video provides a general overview of installing a 10-inch car stereo dash kit, demonstrating the process of replacing the original radio unit with the new CarPlay-enabled system.

4.2 Rearview Camera Installation (Sedans & SUVs)

Follow these steps to install the rearview camera in sedans and SUVs:

1. **Select Camera Location:** Install the camera at the vehicle's license plate location.
2. **Thread Power Cable:** Thread the camera's power cable into the vehicle interior, typically through the license plate light housing or another available gap.
3. **Remove Trunk Trim Panel:** For easier wire threading, carefully remove the trunk trim panel. Disconnect any connected wires inside before fully removing the panel.
4. **Locate and Connect Camera Power Cable:** Find the camera power cable threaded from the outside. Connect the camera extension cable to it.
5. **Route Cable to Car Radio Area:** Route the cable along the door frame, tucking it into gaps for a clean appearance, all the way to the car radio area.
6. **Remove Glove Compartment:** Remove the glove compartment to route the camera extension cable through its inside, reaching the vehicle's center console area.
7. **Connect to Reverse Light (if no CANBUS):** If your car lacks CANBUS functionality, connect the red wire from the camera's red-black cable to the reverse light's positive pole. Insulate the black wire.
8. **Connect to Head Unit:** Connect the yellow plug of the camera extension cable to the "Backup camera video input Cable" on the head unit. Connect the blue wire on the other end to the "Rear CAM Control" wire in the power harness.

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Video: Detailed guide on how to connect an aftermarket backup camera for Sedan and SUV vehicles, including wiring and routing instructions.

4.3 Rearview Camera Installation (Pickup Trucks)

Follow these steps to install the rearview camera in pickup trucks:

1. **Install Rearview Camera:** After connecting the camera extension cable, install the rearview camera at the vehicle's license plate location.
2. **Route Cable to Car Radio Compartment:** Route the camera extension cable from the vehicle's chassis along the bottom of the vehicle to the car radio compartment.
3. **Connect to Reverse Light:** Locate the positive pole of the reverse light. Connect the red wire from the camera's black-red cable to the reverse light's positive pole using a "T-tap" connection method. Insulate the black wire. (Note: If the vehicle has CANBUS, connecting this black-red cable is not necessary).
4. **Connect to Head Unit:** Connect the yellow plug to the reverse signal input cable. Finally, connect the signal wire to the device.

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Video: Instructions for connecting an aftermarket backup camera for Pickup Trucks, detailing the wiring process to the reverse light and head unit.

5. OPERATING INSTRUCTIONS

This section covers the primary functions and how to operate your AINAVI car stereo.

5.1 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly via Bluetooth to enable CarPlay or Android Auto. This allows access to navigation, music, calls, and messages directly from the stereo's screen.

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Video: Demonstration of the 10-inch touchscreen stereo's CarPlay and Android Auto features, showing seamless smartphone integration for navigation, music, and communication.



Image: Side-by-side view of the car stereo display showing the Apple CarPlay interface on the left and the Android Auto interface on the right, both connected to smartphones.

5.2 Split Screen Functionality

The split screen mode allows you to run two applications simultaneously, such as navigation and music playback, for enhanced multitasking.

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Video: This video demonstrates the split screen display feature of the 10-inch touchscreen stereo, showing how two applications can be displayed and operated simultaneously.



Image: The car stereo display showing split screen mode with a web browser on one side and a video player on the other, alongside a smartphone mirroring its screen to the head unit.

5.3 GPS Navigation

Utilize the built-in GPS module and 5G WiFi for accurate navigation. The system supports Google Maps with 2D and 3D perspectives, offering various routes and voice guidance.



Image: The car stereo displaying a GPS navigation map with route information and current location, integrated into the dashboard.

5.4 Physical Buttons and Manual Knob

The unit features physical buttons and a manual knob for precise and comfortable control of various functions, ensuring ease of use while driving.

HD 1080P Touch Screen



Image: Close-up of the car stereo's physical buttons and central manual knob, highlighting their design for easy operation during media playback.

5.5 Steering Wheel Control

The stereo supports steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel.

Customer Installation Support

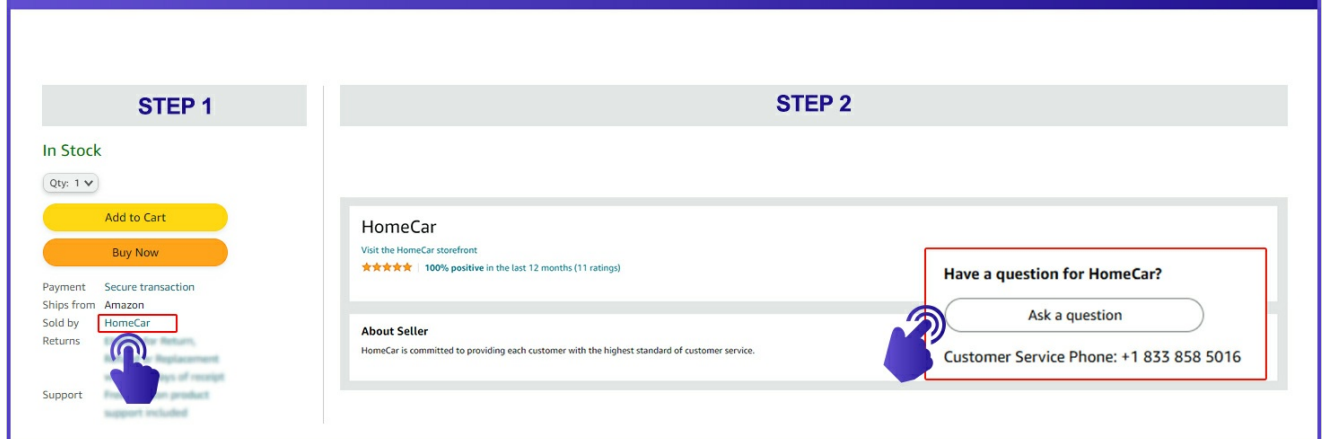


Image: The car stereo displaying split screen mode, with an inset showing a hand operating the steering wheel controls, indicating compatibility with vehicle's existing controls.

5.6 Full RCA Output

The USB to RCA output function enables independent video playback on multiple screens, providing entertainment for passengers in the backseat.

What's include



Head Unit



Power cable
(Some models with CANBus)



RCA cable



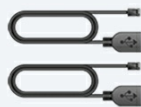
Car microphone



GPS module



Frame + Screen



2* USB cable



Reversing control cable



1080P Rear view camera



Frame removal tool

* The cables of each model may be different, please refer to the actual cable received.

Image: The car stereo displaying a video, with two additional screens mounted on the back of the front seats also showing the same video, demonstrating the full RCA output capability.

6. SPECIFICATIONS

Feature	Description
Item Weight	5 pounds
Package Dimensions	13.15 x 13.08 x 5.63 inches
Item Model Number	2G+32G
Display Size	10 Inches
Display Resolution	1280*720
Operating System	Android
RAM + ROM	2GB RAM + 64GB ROM
Connectivity Technology	Bluetooth, CarPlay, Android Auto, Mirroring, Airplay, RCA, USB, Wi-Fi (Wireless/Wired)
Special Features	AirPlay+MirrorLink, Built-in Wired/Wireless CarPlay/Android Auto, 4-Core CPU, 48EQ (Sound Point Control) + Premium DSP, RDS, Highest Level QLED, Split Screen Function, Panel light and Four Themes, Equalizer, Touch Screen, WAZE, Wireless, Bluetooth, Wired, Wi-Fi, USB
Map Type	North America
Audio Output Mode	Surround Stereo

Mounting Type	Dashboard Mount
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7. WHAT'S INCLUDED

The package includes the following components:

- 1 X Car Head Unit (1280*720) with Frame for Buick Enclave/GMC/Chevy Silverado
- 1 X Microphone
- 1 X Frame Removal Tool
- 1 X GPS Antenna
- 1 X User Manual
- 1 X Power Cable
- 1 X USB 4Pin Cable
- 1 X USB 6Pin Cable
- 1 X AHD 1080P Rear View Camera
- RCA Cables
- Reversing Control Cable



Image: A visual representation of all components included in the package, such as the head unit, frame, various cables (USB, RCA, power), GPS module, microphone, rearview camera, and installation tools.

8. WARRANTY AND SUPPORT

Your AINAVI car stereo comes with a 12 Months Manufacturer Guarantee. For any installation assistance or technical support, please contact our professional technical support team. We are committed to providing prompt assistance.

- **Technical Support:** Our team is available to assist with installation and troubleshooting.
- **Contact Information:** You can seek help via your order center or contact us directly.



Image: Details for customer support, including phone number and email address, with working hours specified.

