

Haudio CA10 Plus

Haudio 10.1" Wireless CarPlay & Android Auto Car Stereo (Model CA10 Plus) Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Haudio 10.1-inch Wireless CarPlay & Android Auto Car Stereo, Model CA10 Plus. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this car stereo requires technical knowledge and experience. It is highly recommended to have the unit installed by a qualified professional to prevent damage to the vehicle or the product.
- **Power Supply:** Ensure the car stereo is connected to a 12V DC power supply with a negative ground. Incorrect voltage can cause damage.
- **Wiring:** Carefully follow all wiring diagrams. Incorrect wiring can lead to malfunctions, electrical shorts, or fire. Insulate all exposed wires properly.
- **Driving Safety:** Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Haudio 10.1" Car Stereo Unit
- Rearview Camera
- GPS Antenna
- Wiring Harness
- Mounting Brackets
- Screws
- User Manual



Figure 3.1: Package Contents. This image displays the Haudio 10.1-inch Car Stereo unit along with all included accessories such as the GPS antenna, user manual, rearview camera, various wiring harnesses (RCA, power, camera input, USB), mounting brackets, and screws.

4. PRODUCT OVERVIEW

The Haudio CA10 Plus is a versatile 10.1-inch car stereo designed to enhance your driving experience with advanced connectivity and entertainment features.

Key Features:

- **10.1" HD Touchscreen:** Vibrant 720×1280 capacitive display supporting split-screen and picture-in-picture modes.
- **Wireless Connectivity:** Seamless Wireless Apple CarPlay & Android Auto integration for navigation, calls, and music. Supports screen mirroring.
- **DSP Audio:** Haudio-exclusive Digital Signal Processing (DSP) technology for enhanced audio clarity and bass.
- **Backup Camera:** Includes a 720P AHD waterproof rearview camera for clear parking assistance.
- **Performance:** Powered by a Quad-Core processor with 2GB RAM and 64GB ROM for smooth multitasking.
- **Customization:** Allows installation of APK apps and customization of UI themes.
- **Radio:** FM/AM/RDS radio functionality.
- **Bluetooth 5.0 & Wi-Fi:** For stable wireless connections.



Figure 4.1: Haudio 10.1-inch Car Stereo. This image shows the front view of the car stereo unit, highlighting its large touchscreen display and dual rotary knobs.

5. SETUP AND INSTALLATION

Before installation, ensure the vehicle's power is disconnected. Refer to your vehicle's specific service manual for dash removal and wiring access.

5.1 General Installation Process

This video provides a general overview of the installation process for Haudio car stereos. Specific steps may vary depending on your vehicle model.

Video 5.1: Haudio Product Installation Process. This video demonstrates the general steps involved in installing a Haudio car stereo unit into a vehicle, including removing existing components and securing the new unit.

5.2 Wiring Connections

Connect the provided wiring harness to the car stereo and your vehicle's electrical system. Ensure all connections are secure and properly insulated.

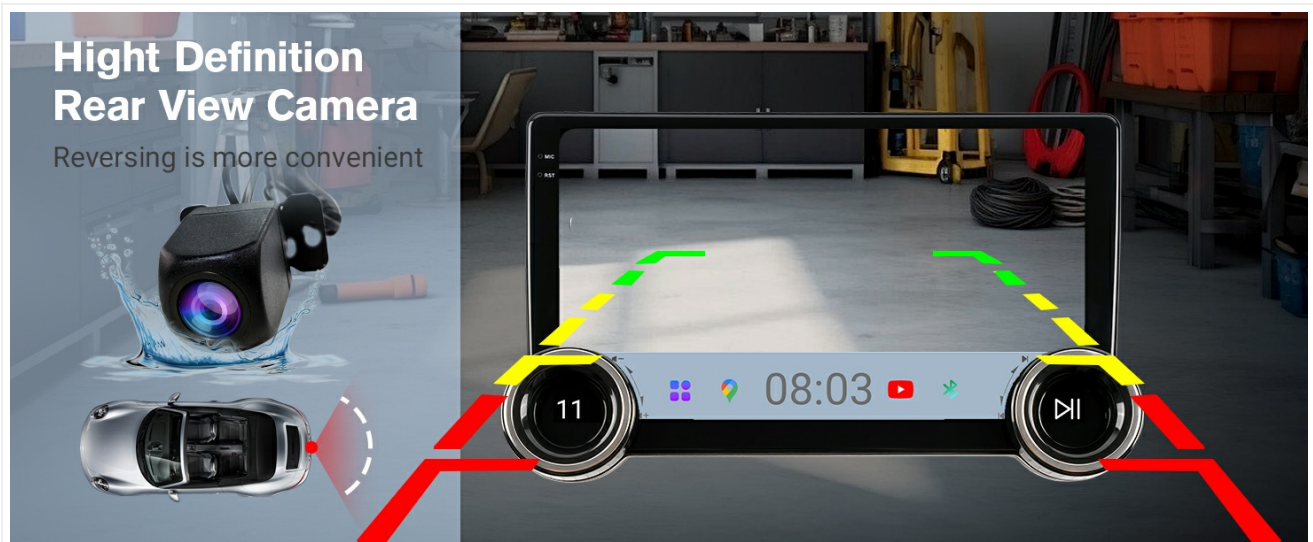


Figure 5.2: Wiring Diagram. This diagram illustrates the various wiring connections for the car stereo, including power, ground, speaker outputs, and input/output connections for accessories like the backup camera.

5.3 Rearview Camera Installation

The included 720P AHD rearview camera provides enhanced visibility when reversing. Follow these steps for installation:

1. Locate a suitable mounting position for the camera, typically near the license plate.
2. Route the camera's video cable to the car stereo unit.
3. Connect the camera's power wire to the vehicle's reverse light circuit (positive) and a ground point (negative).
4. Connect the video cable to the 'Camera Input' port on the car stereo.



Figure 5.3: Rearview Camera. This image highlights the compact design of the rearview camera and its wide-angle lens, designed for clear visibility during reversing maneuvers.

For a detailed visual guide on camera installation, refer to the video below:

Video 5.2: Camera Installation. This video demonstrates the step-by-step process of installing the rearview camera, including routing cables and making electrical connections.

5.4 GPS Antenna Installation

Connect the GPS antenna to the designated port on the rear of the car stereo. Position the antenna in a location with a clear view of the sky, such as on the dashboard or under the windshield, to ensure optimal signal reception.

6. OPERATING INSTRUCTIONS

This section covers the basic operation of your Haudio car stereo.

6.1 Basic Functions

The 10.1-inch HD touchscreen allows for intuitive control. Use the dual rotary knobs for quick volume adjustments

and other common functions.



Figure 6.1: Rotary Knobs and Display. This image highlights the physical rotary knobs on the car stereo, which provide tactile control for functions like volume and track selection, complementing the touchscreen interface.

For a visual guide on basic operations, refer to the video below:

Video 6.1: Operation Tutorial. This video demonstrates various operational aspects of the car stereo, including navigating the user interface, adjusting settings, and using core features.

6.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly for seamless integration of Apple CarPlay or Android Auto. This allows access to navigation, music, calls, and messages directly from the car stereo's display.

CarPlay & Android Auto & Screen Mirroring



Figure 6.2: CarPlay and Android Auto Interface. This image displays the car stereo's screen showing the familiar interfaces of Apple CarPlay and Android Auto, indicating successful smartphone integration.

6.3 Mirror Link

The Mirror Link function allows you to mirror your smartphone's screen onto the car stereo display, providing access to a wider range of applications and content.



Figure 6.3: Mirror Link Functionality. This image illustrates the Mirror Link feature, showing a smartphone screen being mirrored onto the car stereo display, enabling video playback and other app usage.

6.4 Steering Wheel Control (SWC) Learning

To use your vehicle's existing steering wheel controls with the Haudio car stereo, you must perform a learning process. Navigate to the 'Car Settings' menu, select 'SWC Type' as 'Learning Type', and then enter the 'SWC setting interface'. Follow the on-screen prompts to assign functions to your steering wheel buttons.

Video 6.2: Steering Wheel Control Learning. This video demonstrates how to configure the steering wheel controls to operate the car stereo, showing the learning interface and button assignment process.

6.5 Radio (FM/AM/RDS)

Access the Radio application to tune into FM, AM, and RDS stations. The interface allows for easy station scanning and saving presets.

6.6 DSP Audio Settings

Utilize the built-in DSP (Digital Signal Processor) to customize your audio experience. Adjust equalizer settings, balance, and fader to optimize sound quality for your vehicle's acoustics.

6.7 Split Screen & Picture-in-Picture

The 10.1-inch display supports multitasking features like split-screen and picture-in-picture, allowing you to run two applications simultaneously, such as navigation and media playback.

6.8 GPS Navigation

The unit comes with pre-installed GPS and supports offline maps. You can also use online navigation apps via CarPlay, Android Auto, or by installing them directly from the Play Store.



Figure 6.4: GPS Navigation. This image shows the car stereo's display actively running a navigation application, providing route guidance and map information.

7. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check the Haudio website or contact support for available software updates to ensure optimal performance and access to new features.
- **Cable Inspection:** Regularly inspect all connected cables for any signs of wear, damage, or loose connections.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, incorrect wiring.	Check power cable connections. Inspect vehicle fuses. Verify wiring against diagram.
No Sound	Volume too low, mute activated, incorrect speaker wiring, faulty speakers.	Increase volume. Check mute status. Verify speaker connections. Test with different audio source.
CarPlay/Android Auto Not Connecting	Bluetooth/Wi-Fi off, incorrect phone settings, incompatible phone.	Ensure Bluetooth/Wi-Fi is enabled on phone and stereo. Check phone's CarPlay/Android Auto settings. Restart phone and stereo.
Backup Camera Not Displaying	Loose video cable, incorrect power connection to camera, faulty camera.	Check camera video input connection. Verify camera power supply from reverse light. Ensure vehicle is in reverse.
Touchscreen Unresponsive	Software glitch, screen damage.	Perform a soft reset (refer to device info for reset button location). If issue persists, contact support.

9. SPECIFICATIONS

- **Product Dimensions:** 1.89 x 4 x 7 inches
- **Item Weight:** 3.12 pounds
- **Model Number:** CA10 Plus
- **Brand:** Haudio
- **Connectivity Technology:** Auxiliary, Bluetooth 5.0, USB, Wi-Fi
- **Special Features:** 720P AHD Rearview Camera (Included), APK Sideloading & UI Customization, DSP Audio Tuning, Split-Screen Multitasking, Wireless CarPlay & Android Auto
- **Compatible Devices:** CarPlay & Android Auto, Backup Camera, Siri, Bluetooth, Navigation, FM/AM, 4.1 CHN 2 Subwoofers, SWC for All Vehicles
- **Connector Type:** RCA, USB Type-C, 3.5mm AUX, TF Card Slot
- **Audio Output Mode:** 13-Band Equalizer, DSP Sound Presets, Virtual Surround
- **Surround Sound Channel Configuration:** 4
- **Video Encoding:** RM
- **Color:** BLACK



Figure 9.1: Product Dimensions. This image provides a detailed view of the physical dimensions of the Haudio 10.1-inch car stereo, including its width, height, and depth.

10. WARRANTY AND SUPPORT

Haudio is committed to providing a pleasant driving experience for every customer. Your Haudio car stereo comes with a **1-year warranty** and **lifetime technical support**.

For any questions, technical assistance, or warranty claims, please contact Haudio customer service. Video guides are also available to assist with installation and troubleshooting.

Haudio is a national-level high-tech enterprise engaged in the research and development, manufacturing, and sales of multiple categories of electronic products, ensuring continuous innovation and quality support.