

Naifay 10.1inch 2GB RAM+32GB ROM

Naifay Android 12 Double Din Car Stereo User Manual

Model: 10.1inch 2GB RAM+32GB ROM

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Naifay Android 12 Double Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: Naifay Android 12 Double Din Car Stereo with included backup camera, GPS antenna, and a smartphone displaying Carplay/Android Auto.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Operating System:** Android 12 with 4-Core processor, 2GB RAM, and 32GB ROM.
- **Display:** 10.1-inch 2.5D capacitive IPS touch screen with 1024x600 resolution, supporting 1080P video playback.
- **Connectivity:** Built-in Wireless Carplay & Android Auto, Wired/Wireless Mirrorlink (iOS wireless, Android wireless/wired).
- **Navigation:** Integrated GPS module for offline and online navigation.
- **Wireless:** WiFi connection for app downloads and internet access, Bluetooth 5.1 for hands-free calling and audio streaming.
- **Audio:** FM Radio with preset stations, 10-band EQ settings with various default styles.
- **Inputs/Outputs:** Two USB ports, AHD backup camera input, Steering Wheel Control (SWC) support.
- **Additional Functions:** Split screen mode, multi-format music and video player, customizable UI and wallpapers.

2.2 What's in the Box

The package includes the following components:

Product Size & Packing List

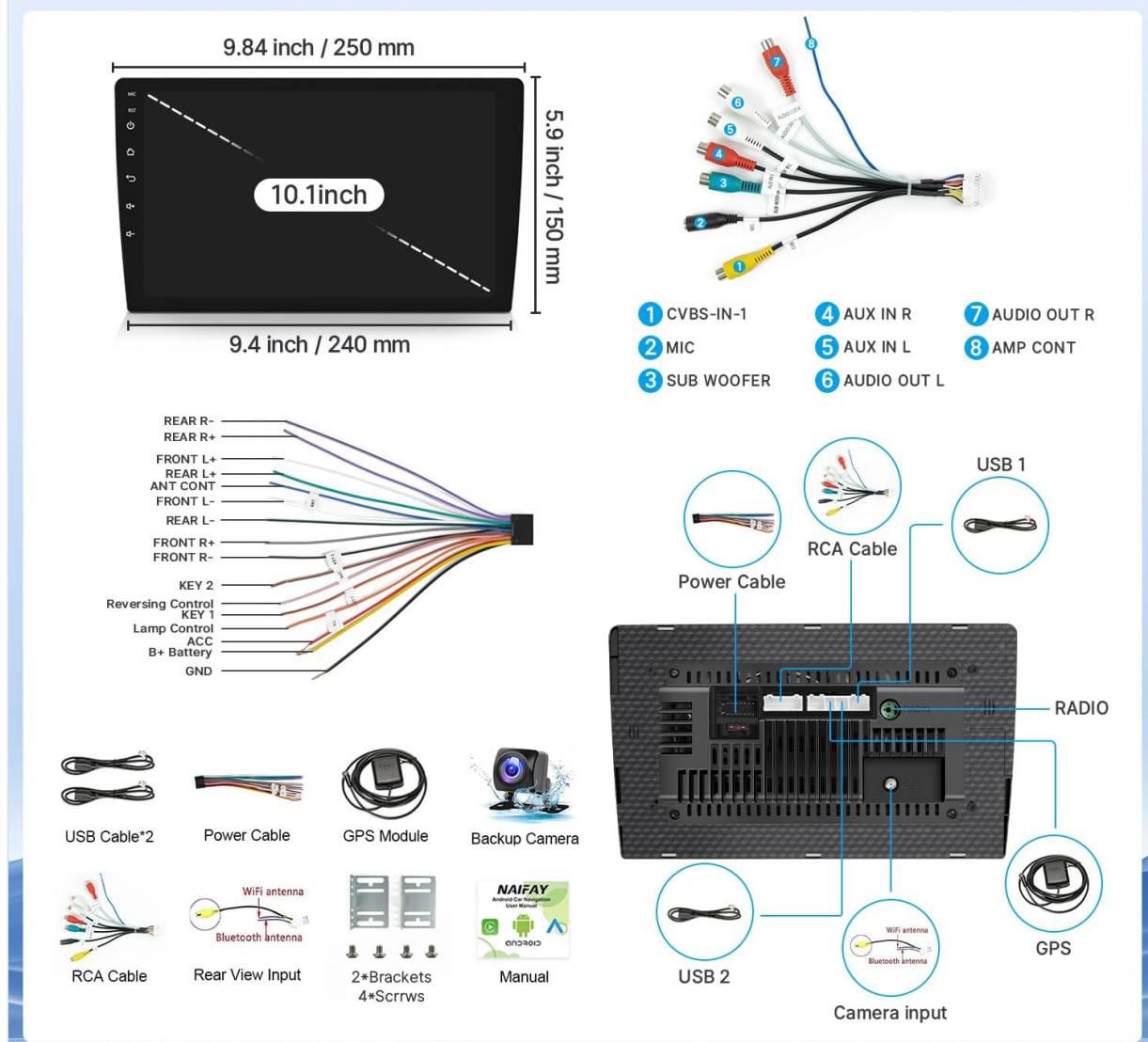


Image 2.1: Detailed view of the product dimensions, rear panel connections, and the complete packing list.

- Naifay 10.1-inch Android Car Stereo Unit
- Power Cable
- USB Cables (x2)
- GPS Module
- Backup Camera
- RCA Cable
- WiFi Antenna
- Bluetooth Antenna
- Mounting Brackets (x2)
- Screws (x4)
- User Manual

3. SAFETY INFORMATION

Observe the following safety guidelines during installation and operation:

- **Professional Installation Recommended:** Due to the complexity of vehicle wiring, professional installation is highly recommended to prevent damage to the unit or vehicle.
- **Power Supply:** Ensure the car radio operates on a 12V power supply. Connecting to a voltage over 12V may damage the unit.
- **Wiring:** Always use the provided power cables. Do not attempt to connect original car plugs directly to the unit without verifying compatibility. Incorrect wiring can lead to malfunctions or damage.
- **Fuse Replacement:** If a fuse needs replacement, use only the same type and rating.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Check

- Verify the installation size: 178(L) x 65(W) x 70(H) mm (Standard 2 DIN opening size). The 10.1-inch screen extends beyond the standard double DIN chassis. Ensure your vehicle's dashboard has sufficient space for the screen's dimensions (approximately 9.84 inches / 250 mm wide and 5.9 inches / 150 mm high).
- Disconnect the vehicle's battery before starting installation.

4.2 Wiring Connections

Refer to the wiring diagram provided in Image 2.1 and the specific backup camera connection diagram below.



Image 4.1: Diagram illustrating the connection of the backup camera to the car stereo system.

1. Connect the video input cable (yellow RCA) from the backup camera to the 'CVBS-IN-1' port on the stereo's rear panel.
2. Connect the pink wire from the stereo's power cable to the reversing trigger cable (usually a reverse light signal wire).
3. Connect the backup camera's power cable: the red wire to the car's reversing light positive, and the black wire to the car's reversing light negative (ground).

4. Ensure all other power and speaker connections are made according to the main wiring diagram. The red and yellow wires of the stereo's power supply should be connected to the positive side of the car's power supply, and the black wire to the negative (ground).

4.3 Mounting the Unit

Install the head unit into the double DIN slot using the provided mounting brackets and screws. Ensure the unit is securely fastened. The screen is designed to protrude slightly from the dash for optimal viewing.



Image 4.2: Visual comparison of a car dashboard before and after the installation of the Naifay Android 12 car stereo, highlighting the screen size and fit.

5. OPERATING INSTRUCTIONS

5.1 Wireless Carplay & Android Auto

This stereo supports wireless Apple Carplay and wireless Android Auto. To connect:

1. Enable Bluetooth and Wi-Fi on your smartphone.
2. On the car stereo, navigate to the Carplay or Android Auto application.
3. Pair your phone via Bluetooth with the car stereo.

4. Once paired, the system will automatically establish a Wi-Fi connection for Carplay or Android Auto.

You can now access phone functions like navigation, calls, messages, and music via the stereo's touchscreen or voice commands (Siri/Google Assistant).



Image 5.1: Overview of wireless Carplay, Android Auto, and Mirror Link functionalities on the Naifay car stereo.



Image 5.2: Screenshot of the Wireless Apple Carplay interface on the stereo display.



Image 5.3: Screenshot of the Wireless Android Auto interface on the stereo display.

5.2 Mirror Link Function

The Mirror Link function allows you to display your smartphone screen on the car stereo. iOS devices support wireless connection, while Android devices support both wireless and wired connections.

1. For wireless connection (iOS & Android): Connect your phone to the stereo's Wi-Fi hotspot.
2. For wired connection (Android only): Connect your Android phone to the stereo via a USB cable.
3. Open the Mirror Link application on the stereo and follow the on-screen prompts to establish the connection.



Image 5.4: Illustration of the Mirror Link feature, showing a smartphone screen mirrored onto the car stereo display.

5.3 GPS Navigation

The unit features a built-in GPS module for navigation. You can use pre-installed offline maps or download online maps when connected to Wi-Fi.

1. To use offline maps, ensure the GPS module is connected and maps are downloaded.
2. For online maps, connect the stereo to Wi-Fi or your phone's hotspot.
3. Open the Navigation app and enter your destination.

GPS Navigation



WIFI Connection



Bluetooth 5.1



Image 5.5: Display showing GPS navigation, Wi-Fi connection, and Bluetooth interface on the car stereo.

How To Connet Backup Camera

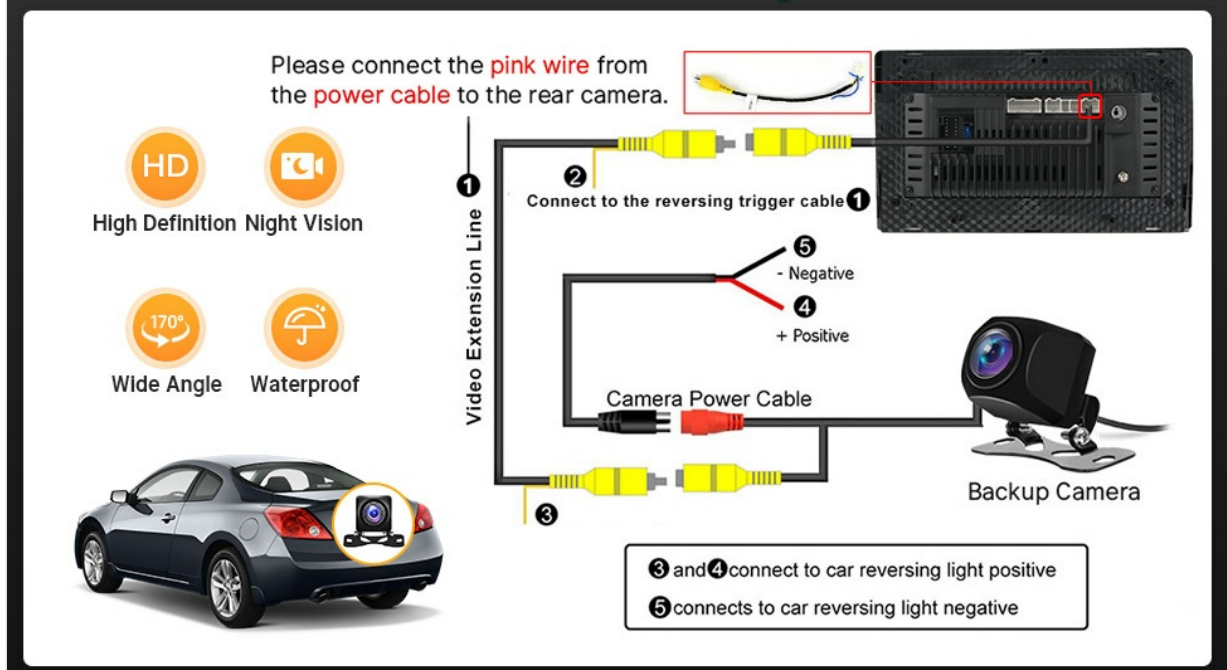


Image 5.6: Detailed view of the GPS navigation map interface on the stereo screen.

5.4 Wi-Fi Connection

Connect the stereo to a Wi-Fi network to access online content and download applications.

1. Go to Settings > Wi-Fi.
2. Select your desired network and enter the password.
3. Once connected, you can use apps like YouTube, Spotify, and other Play Store applications.



Image 5.7: Display showing various applications available when the stereo is connected to Wi-Fi.

5.5 Bluetooth 5.1

The integrated Bluetooth 5.1 allows for hands-free calling and wireless audio streaming.

1. Enable Bluetooth on your phone and the car stereo.
2. Search for available devices on your phone and select the stereo's Bluetooth name.
3. Confirm the pairing code if prompted.

Once connected, you can make/receive calls, access your phonebook, and play music wirelessly.



Image 5.8: Screenshots demonstrating Bluetooth 5.1 features, including hands-free calling and music playback.

5.6 FM Radio

Access local radio stations with the built-in FM tuner.

- Open the FM Radio application.
- Use the scan function to find and save available stations.
- Adjust EQ settings for preferred audio output.



Image 5.9: Display of the FM radio interface, showing station tuning and frequency.

5.7 Steering Wheel Control (SWC)

The unit supports analog steering wheel controls. Manual learning is required to map your vehicle's steering wheel buttons to the stereo functions.

1. Go to Settings > Steering Wheel Control.
2. Follow the on-screen instructions to assign functions (e.g., volume up/down, track skip, mode) to your steering wheel buttons.



Image 5.10: Screenshot of the Steering Wheel Control learning interface on the car stereo.

5.8 Backup Camera

The included AHD backup camera provides a wide-angle view for safer reversing.

- When the vehicle is shifted into reverse gear, the camera feed will automatically display on the stereo screen.
- Ensure the camera is properly installed and wired as per Section 4.2.



Image 5.11: Display showing the backup camera view with parking guidelines, alongside other features like split screen and FM radio.

5.9 Split Screen Function

The split screen feature allows you to run two applications simultaneously on the display.

- To activate, long-press the recent apps button or drag an app to one side of the screen.
- Select a second app to occupy the other half of the screen.



Image 5.12: Example of the split screen function, showing two applications running side-by-side on the stereo display.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents that may damage the screen.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can usually be found through the system settings or the manufacturer's website.
- **General Care:** Keep the unit free from dust and moisture. Ensure proper ventilation around the unit to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your Naifay car stereo, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Insufficient power supply.	Check all power connections (red, yellow, black wires). Verify the fuse. Ensure the car battery is providing 12V.
Slow performance or glitches	Too many apps running; Low RAM/ROM; Software issue.	Close unnecessary applications. Perform a factory reset (backup data first). Check for software updates.

Problem	Possible Cause	Solution
Wireless Carplay/Android Auto disconnects or fails to connect	Bluetooth/Wi-Fi interference; Incorrect pairing; Software bug.	Ensure Bluetooth and Wi-Fi are enabled on both devices. Forget and re-pair the device. Restart both phone and stereo.
Touch screen unresponsive	Software freeze; Hardware malfunction.	Restart the unit (press the RST button if available). If the issue persists, contact customer support.
No sound	Speaker wiring issue; Volume too low; Mute activated.	Check speaker connections. Increase volume. Ensure the unit is not muted.
Backup camera not displaying	Incorrect camera wiring; Camera malfunction.	Verify the camera's power and video connections (refer to Image 4.1). Ensure the pink reversing trigger wire is correctly connected.
Unit does not fit dashboard opening	Incorrect vehicle application; Screen dimensions exceed space.	This unit has a 10.1-inch screen that extends beyond a standard double DIN chassis. Confirm your vehicle's dashboard has adequate space for the screen's dimensions (250mm x 150mm). Professional installation may be required for custom fitting.

8. SPECIFICATIONS

Feature	Specification
Operating System	Android 12
CPU	4-Core
Memory (RAM+ROM)	2GB RAM + 32GB ROM
Screen Size	10.1 Inches
Screen Type	IPS Touch Screen (2.5D Tempered Glass)
Screen Resolution	1024x600
Wireless Connectivity	Wireless Carplay, Wireless Android Auto, WiFi, Bluetooth 5.1
Mirror Link	Wired/Wireless (Android), Wireless (iOS)
GPS Navigation	Built-in GPS Module, supports offline/online maps

Feature	Specification
Radio Tuner	FM Radio
Audio Output Mode	Stereo
Backup Camera	AHD, 170-degree wide angle, waterproof
Product Dimensions	9.8 x 1.57 x 5.79 inches (Unit chassis: 178x65x70mm)
Item Weight	2.72 pounds
Manufacturer	Naifay

9. WARRANTY AND SUPPORT

Naifay is committed to providing excellent customer service and technical support.

- **Response Time:** Expect a quick reply to inquiries within 24 hours.
- **Return Policy:** 60-day no-worry return period.
- **Warranty:** 12 months replacement available within 12 months of purchase.
- **Technical Support:** Lifetime after-sales consultation and technical support are provided.

For any questions regarding pre-sales information, installation guidance, or technical support, please contact Naifay customer service. You can typically find contact information by clicking 'sold by Naifay' on the product page and then 'ask a question'.



WHY CHOOSE US:

The Naifay brand has been focusing on the research and development of products in the electronic imaging industry for nearly 5 years, and has accumulated rich experience in industrial products.

Naifay car stereo with apple carplay caters to the development trend of in-vehicle electronic products, is an expert in the intelligent multi-media driving recorder industry, and is your best choice. If you have any questions please click "sold by Naifay" and "ask a question" to contact customer service or Technology Support.

Image 9.1: Summary of Naifay's customer support commitments, including response time, return policy, warranty, and lifetime technical support.

Related Documents - 10.1inch 2GB RAM+32GB ROM

	Naifay Car Stereo User Manual: Wireless CarPlay & Android Auto Comprehensive guide for the Naifay 7-inch HD Touchscreen Car Stereo, covering installation, features like Wireless CarPlay and Android Auto, Bluetooth, MirrorLink, and troubleshooting.
	NAIFAY Car Stereo CarPlay Manual Comprehensive manual for the NAIFAY Car Stereo, covering installation, functions like CarPlay, Android Auto, MirrorLink, Bluetooth, Radio, and troubleshooting.
	NAIFAY Wireless Portable Screen for Car - User Manual This user manual provides comprehensive instructions for the NAIFAY Wireless Portable Screen for Car. It covers installation, setup, features like Apple CarPlay, Android Auto, and MirrorLink, media playback, system settings, troubleshooting common issues, product specifications, and warranty information.
	Naifay 7-Inch HD Touchscreen Car Stereo: Installation and User Manual Comprehensive guide for installing and operating the Naifay 7-inch HD Touchscreen Car Stereo, featuring Apple CarPlay, Android Auto, Bluetooth, MirrorLink, and rearview camera support.
	NAIFAY 7 Inch HD Touchscreen Car Stereo - User Manual and Installation Guide Comprehensive guide for the NAIFAY 7 Inch HD Touchscreen Car Stereo, covering installation, features like Apple CarPlay, Android Auto, MirrorLink, Bluetooth, and troubleshooting.
	Naifay 7-Inch HD Touchscreen Car Stereo User Manual Comprehensive user manual for the Naifay 7-Inch HD Touchscreen Car Stereo, covering installation, wiring, basic operation, troubleshooting, and features like Bluetooth, phone link, and custom logos.