

CUSP 9 Inch 4G+64G+Car Play and Android Auto

CUSP 9-Inch Car Stereo Radio GPS Android Multimedia Player User Manual

MODEL: 9 INCH 4G+64G+CAR PLAY AND ANDROID AUTO

Brand: CUSP

1. INTRODUCTION

This user manual provides comprehensive instructions for the CUSP 9-Inch Car Stereo Radio GPS Android Multimedia Player. This advanced head unit features an 8-core processor, 4GB RAM, 64GB ROM, and a 9-inch IPS touch screen with 1280x720 QLED resolution, ensuring a smooth and responsive user experience. Key functionalities include built-in GPS navigation, Bluetooth hands-free calling, wireless CarPlay and Android Auto, Mirror Link, Wi-Fi connectivity, and steering wheel control compatibility. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your device.



Figure 1: Cusp 9-Inch Car Stereo Main Unit

2. WHAT'S IN THE BOX

Verify that all components listed below are included in your package:

- Radio Unit (x1)
- Power Cable (x1)
- A/V Cable (x1)
- Rear Camera Cable (x1)
- USB Cable (x2)
- GPS Antenna (x1)
- 4G Antenna (x1)
- Extra Microphone (x1)
- Rear Camera (x1)
- Installation Brackets (x2)
- Screws (x6)
- User Manual (x1)

Product Size

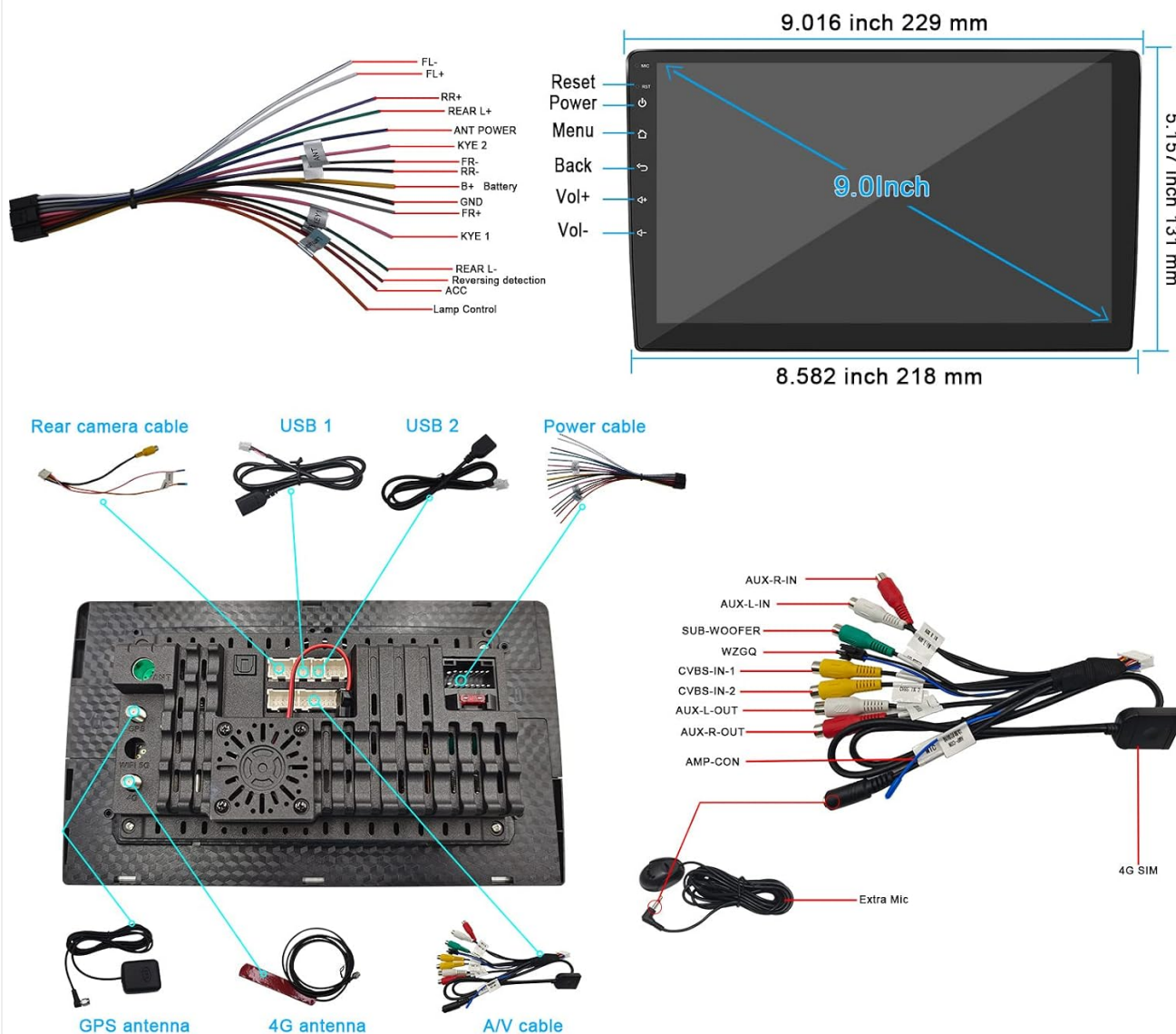


Figure 2: Included Components and Wiring Overview

3. SETUP AND INSTALLATION

This section guides you through the initial setup and installation of your CUSP car stereo. Professional installation is recommended.

3.1 Wiring Connections

Connect the provided cables to their respective ports on the car stereo and your vehicle's wiring harness. Ensure all connections are secure to prevent malfunctions.

- **Power Cable:** Connect to your vehicle's power supply.
- **USB Cables:** Connect external USB devices for media playback or data transfer.
- **GPS Antenna:** Mount in a location with clear sky view for optimal GPS signal reception.
- **4G Antenna:** Connect for cellular data connectivity (if applicable).
- **A/V Cables:** For audio/video input/output connections.
- **Rear Camera Cable:** Connect the included rear camera for automatic display when reversing.

3.2 Initial System Setup

After physical installation, follow these steps for initial system configuration:

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Video 1: How to set up CUSP 10.1" & 9" Car Stereo Radio GPS CANBUS. This video demonstrates the initial software setup process, including Wi-Fi connection and car model selection.

1. **Connect Wi-Fi:** Navigate to Settings and connect to an available Wi-Fi network. This is crucial for updates and online features.
2. **Access Factory Settings:** Go to Settings > Factory. Enter the password: **123456**.
3. **Choose Car Model:** In Factory Settings, select your specific car model from the list and confirm. This ensures proper CANBUS communication and feature compatibility.
4. **System Reboot:** The system will automatically reboot after successful setup and updates.

4. OPERATING INSTRUCTIONS

4.1 Android System Overview

The unit runs on an Android operating system, providing a familiar interface similar to a tablet. It features an 8-core processor, 4GB RAM, and 64GB ROM for smooth multitasking and app performance. The 9-inch IPS QLED touch screen (1280x720 resolution) offers clear visuals and responsive touch control.

Bluetooth & FM Radio ,Play Music, Play Video



Figure 3: 2.5D Capacitive Touch Screen

4.2 CarPlay & Android Auto

Connect your smartphone for seamless integration. The unit supports both wired and wireless CarPlay for iPhones and wired Android Auto for Android phones, allowing access to navigation, music, calls, and messages directly from the stereo display.

Car Play & Android Auto

Car play support iphone via wireless, and Android auto support android phone via wireless.



2.5D Capacitive Touch Screen

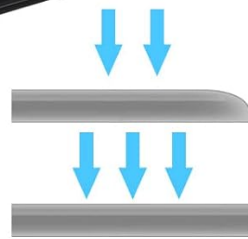


Figure 4: CarPlay and Android Auto Functionality

4.3 GPS Navigation

The built-in GPS supports both online and offline navigation maps (e.g., Google Maps, Igo, Waze). Features include voice guidance, 2D/3D map views, and a GPS dual-zone function that allows you to enjoy radio or music while navigating.

Reversing Function

Reverse the car, display rear image on CUSP radio screen automatically.



Waterproof



170° Wide Angle



HD Image



Night Vision

WIFI or Hotspot

Connect to WIFI, and you will find a new world, the most convenient one is the online map.



Figure 5: GPS Navigation Interface and Steering Wheel Control

4.4 Bluetooth Connectivity

Pair your phone via Bluetooth for hands-free calling and audio streaming. The unit supports phonebook synchronization, call history, and A2DP for high-quality music playback.

GPS Navigation

Users can purchase directly from play store for offline navigation. With wifi connected, Google Maps can be used perfectly, you can go anywhere you want and never get lost again.



Steering Wheel Control

Through it you can control the functions you need by steering wheel, more convenient.

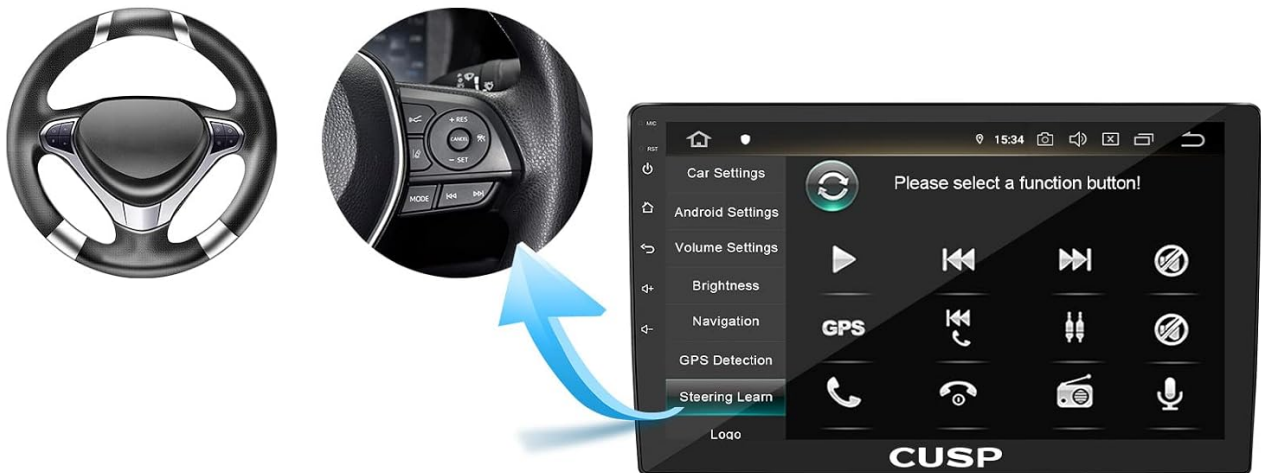


Figure 6: Bluetooth and FM Radio Interface

4.5 Steering Wheel Control (SWC)

The unit supports steering wheel controls. Manual learning is required to map your vehicle's steering wheel buttons to the stereo functions. This enhances driving safety by allowing control without taking your hands off the wheel.

4.6 Rear View Camera Function

When the vehicle is shifted into reverse gear, the car stereo automatically displays the video feed from the included waterproof night vision rear camera, aiding in safe parking and maneuvering.

4.7 Wi-Fi and Hotspot

Connect to Wi-Fi or use your phone's hotspot to access online content, download apps from the Play Store, browse YouTube, and utilize online navigation services.

4.8 Sound Settings and DSP

Customize your audio experience with the built-in equalizer (EQ). You can easily adjust music styles, sound fields, and volume levels for the 4 speakers. Note that EQ adjustments are not supported for Bluetooth music.

4.9 Split Screen Function

Utilize the split-screen feature to display two applications simultaneously, such as navigation on one side and a video player on the other, combining utility with entertainment.

5. MAINTENANCE

To ensure optimal performance and longevity of your CUSP car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates via Wi-Fi to ensure you have the latest features and bug fixes.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Power Cycle:** If the unit becomes unresponsive, perform a soft reset by turning off your vehicle's ignition and restarting it.

6. TROUBLESHOOTING

If you encounter issues with your CUSP car stereo, refer to the following common troubleshooting tips:

- **No Power:** Check all power connections and vehicle fuses. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio source selection. Check if the mute function is active.
- **GPS Signal Issues:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Move the vehicle to an open area if necessary.
- **Bluetooth Pairing Problems:** Ensure Bluetooth is enabled on both the stereo and your phone. Delete previous pairings and try reconnecting.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to Section 3.2 for factory settings access).
- **App Crashes/Slow Performance:** Close background applications. Clear app cache or reinstall problematic apps. Ensure sufficient storage space.

For persistent issues not resolved by these steps, please contact CUSP customer support.

7. SPECIFICATIONS

Feature	Detail
Item Weight	3.77 pounds
Package Dimensions	12 x 9 x 3 inches
Display Size	9 Inches
Resolution	1280 x 720 (QLED)
Operating System	Android
Processor	8 Core

RAM	4GB
ROM	64GB
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	Bluetooth, Touchscreen, GPS, CarPlay, Android Auto, Split Screen, DSP
Map Type Support	Central America, North America, South America, Worldwide
Audio Output Mode	AUX, Speaker, Stereo
Vehicle Service Type	Car
Manufacturer	Shenzhen Cusp Technology Co., Ltd

8. WARRANTY AND SUPPORT

Your CUSP car stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact CUSP customer service through the retailer where you purchased the device or visit the official CUSP website for contact information.

Please retain your proof of purchase for warranty validation.