

CUSP CV-101301

CUSP 10-Inch Android Car Stereo Radio GPS User Manual

Model: CV-101301

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CUSP 10-Inch Android Car Stereo Radio GPS. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The CUSP 10-Inch Android Car Stereo is a versatile in-dash multimedia system designed to enhance your driving experience. Key features include:

- 10-inch high-resolution touch screen display (1280*720 pixels)
- Integrated GPS navigation with support for various map applications
- Wireless Apple CarPlay and Android Auto compatibility
- Bluetooth for hands-free calling and audio streaming
- FM radio receiver
- WiFi and Mirror Link functionality
- Rear camera input with automatic display
- Steering wheel control support
- Built-in Digital Sound Processor (DSP) for audio customization



Image 2.1: Front view of the CUSP 10-Inch Android Car Stereo showing the main interface with app icons.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Radio Unit (1)
- Power Cable (1)
- A/V Cable (1)
- Rear Camera Cable (1)
- USB Cables (2)
- GPS Antenna (1)
- External Microphone (1)
- Rear Camera (1)
- Mounting Brackets (2)
- Screws (6)

Product Size

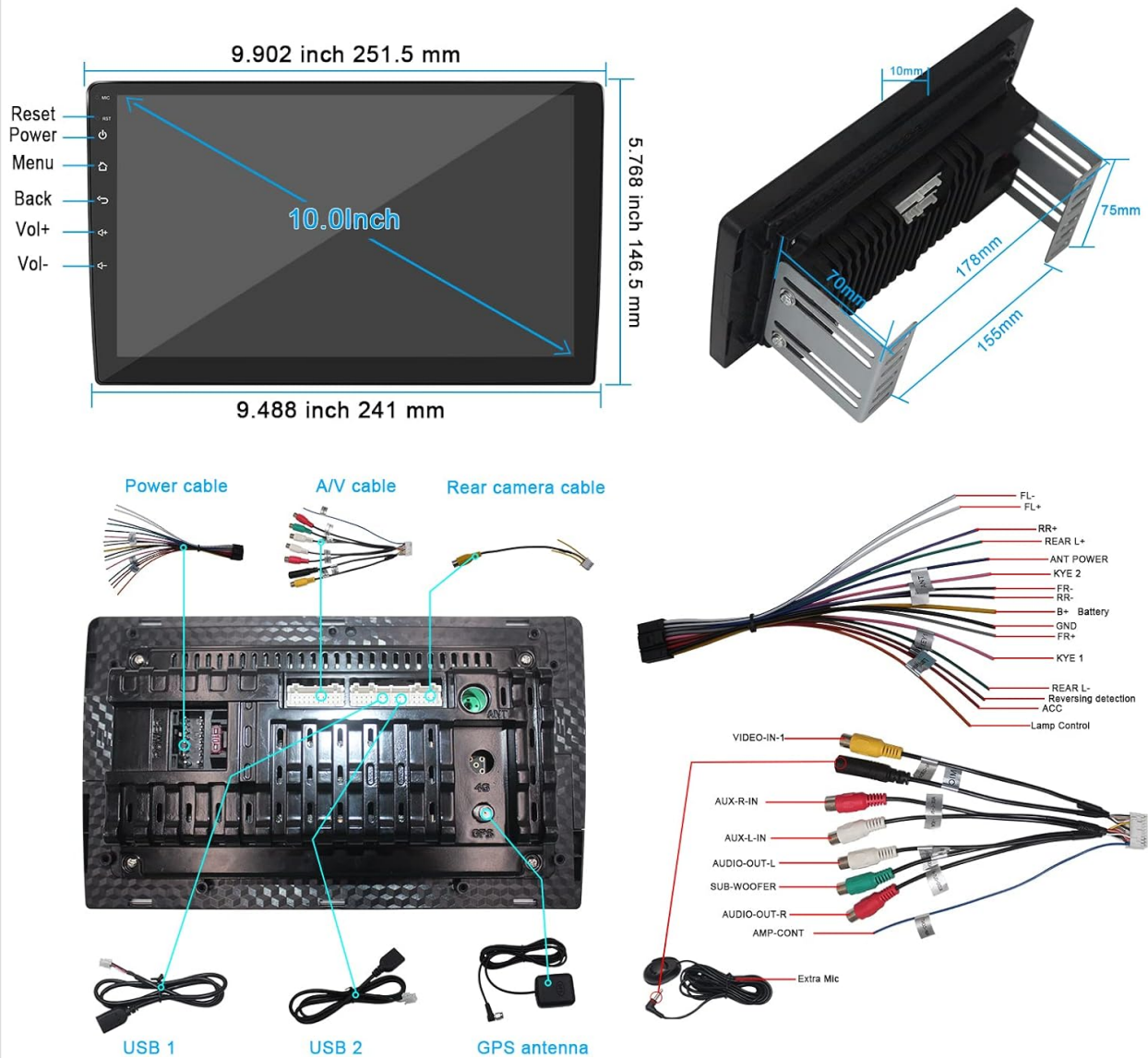


Image 3.1: Product dimensions and included accessories such as power cables, USB cables, GPS antenna, and rear camera.

4. INSTALLATION

Professional installation is recommended for this product. Incorrect wiring or installation can cause damage to the unit or your vehicle. Ensure the vehicle's battery is disconnected before beginning installation.

4.1 Wiring Diagram

Refer to the provided wiring diagram for correct connections. Each cable is labeled for ease of identification.

- **Power Cable:** Connect to the vehicle's power supply (ACC, B+, GND).
- **A/V Cable:** For audio and video input/output connections.
- **Rear Camera Cable:** Connect the included rear camera for reversing functionality.
- **USB Cables:** For connecting USB devices or charging.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **External Microphone:** Connect for improved hands-free call quality.

4.2 Mounting

Use the provided mounting brackets and screws to secure the head unit in your vehicle's dashboard. Ensure the unit is firmly in place to prevent vibrations and movement.



Image 4.1: The CUSP car stereo after installation in a vehicle's dashboard.

5. INITIAL SETUP

After installation, reconnect the vehicle battery and power on the unit.

- **First Boot:** The system will perform an initial boot-up. This may take a few moments.
- **Language Settings:** Navigate to 'Settings' to select your preferred language.
- **Time and Date:** Set the correct time zone, date, and time.
- **WiFi Connection:** Connect to an available WiFi network or mobile hotspot to enable online features, app downloads, and map updates.

6. OPERATING INSTRUCTIONS

6.1 GPS Navigation

The unit supports various navigation applications. With a WiFi connection, you can download and use apps like Google Maps or iGO. Ensure the GPS antenna is properly installed for accurate positioning.

Reversing Function

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



WIFI or Hotspot

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

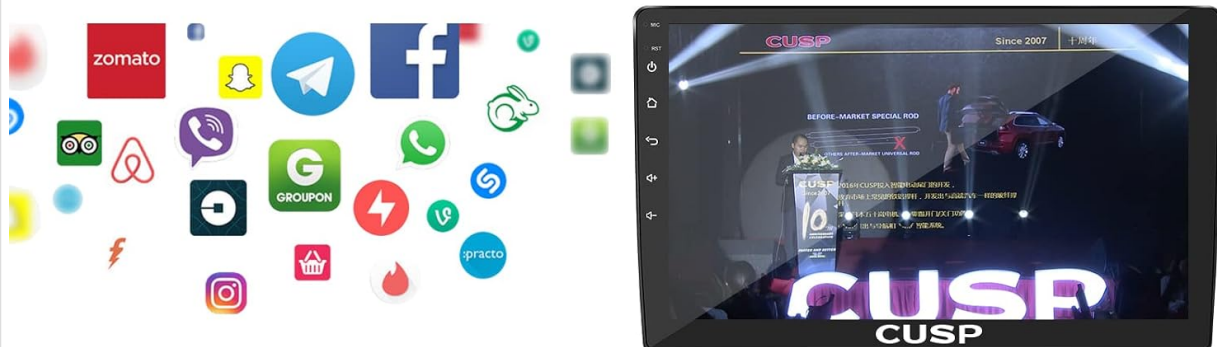


Image 6.1: The car stereo displaying a navigation map, with icons for various GPS applications.

6.2 Radio Mode

Access the FM radio application from the main menu. You can scan for stations, save presets, and adjust audio settings. The unit supports FM1, FM2, and FM3 bands.

Bluetooth & FM Radio ,Play Music, Play Video

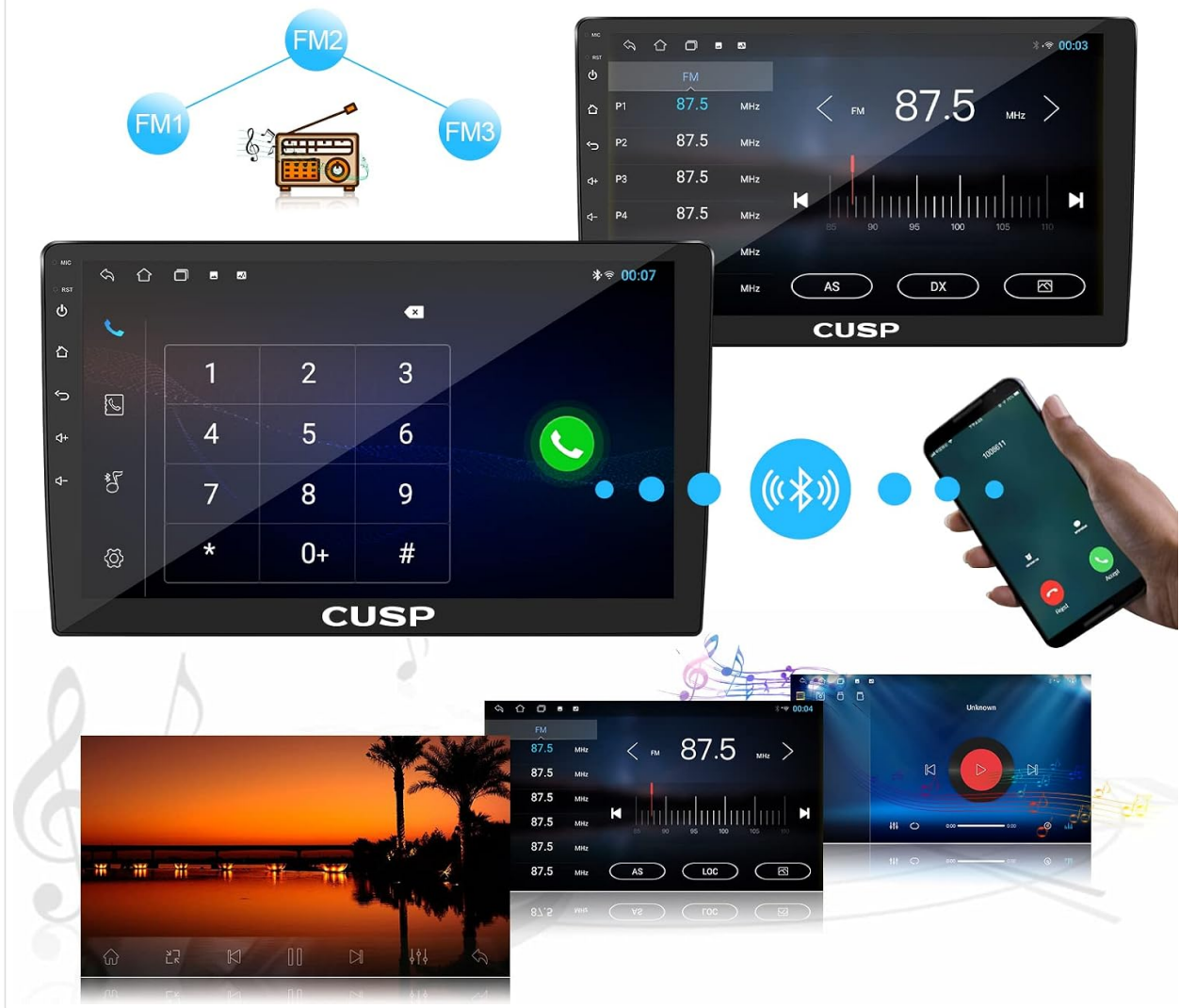


Image 6.2: The car stereo showing the FM radio interface and a Bluetooth phone call screen.

6.3 Bluetooth Function

Pair your mobile phone via Bluetooth for hands-free calling and music streaming (A2DP). The system supports phonebook synchronization, call history, and caller ID display.

- Go to 'Settings' > 'Bluetooth' on the head unit.
- Enable Bluetooth on your mobile phone and search for available devices.
- Select the head unit (e.g., 'CUSP_BT') from your phone's list and pair.

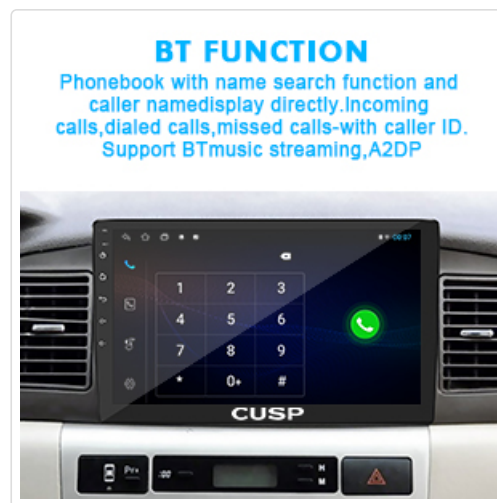


Image 6.3: Bluetooth phone function showing a dial pad on the stereo screen.

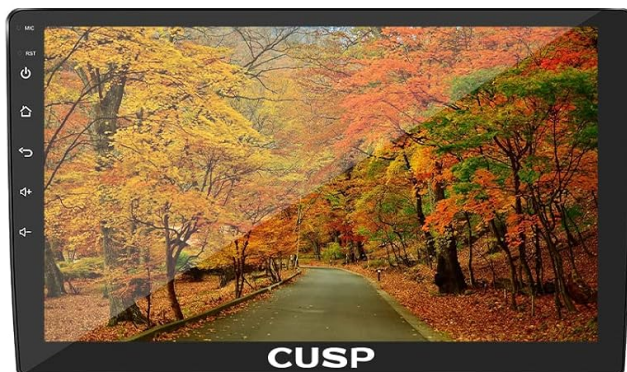
6.4 Phone Link (Mirror Link)

This feature allows you to mirror your smartphone's screen onto the car stereo display.

- **iOS:** Supports one-way projection (phone to stereo).
- **Android:** Supports two-way connection (control from stereo).

Phone Link

iOS one-way: iOS supports mobile phone one-way projection to the machine.
 Android two-way: Android supports mobile phone two-way connection.



Car Play & Android Auto

Car play support iPhone via wireless, and Android auto support Android phone via wireless.



6.5 Wireless Apple CarPlay & Android Auto

Connect your iPhone or Android phone wirelessly for seamless integration of navigation, music, calls, and messages.

- Ensure Bluetooth and WiFi are enabled on both your phone and the head unit.
- Follow the on-screen prompts to establish the wireless connection.



Image 6.5: Display of Apple CarPlay and Android Auto interfaces on the car stereo.

6.6 Steering Wheel Control

The unit supports connection to your vehicle's steering wheel controls, allowing you to manage functions like volume, track skipping, and mode selection without taking your hands off the wheel.

- Access 'Steering Wheel Settings' in the system menu.
- Follow the instructions to program the buttons according to your vehicle's configuration.



Image 6.6: Steering wheel control interface for programming vehicle controls.

6.7 Reversing Function

When a compatible rear camera is connected and the vehicle is shifted into reverse, the stereo automatically displays the rear view on the screen. This feature includes a wide-angle view and night vision capabilities.

Product Size

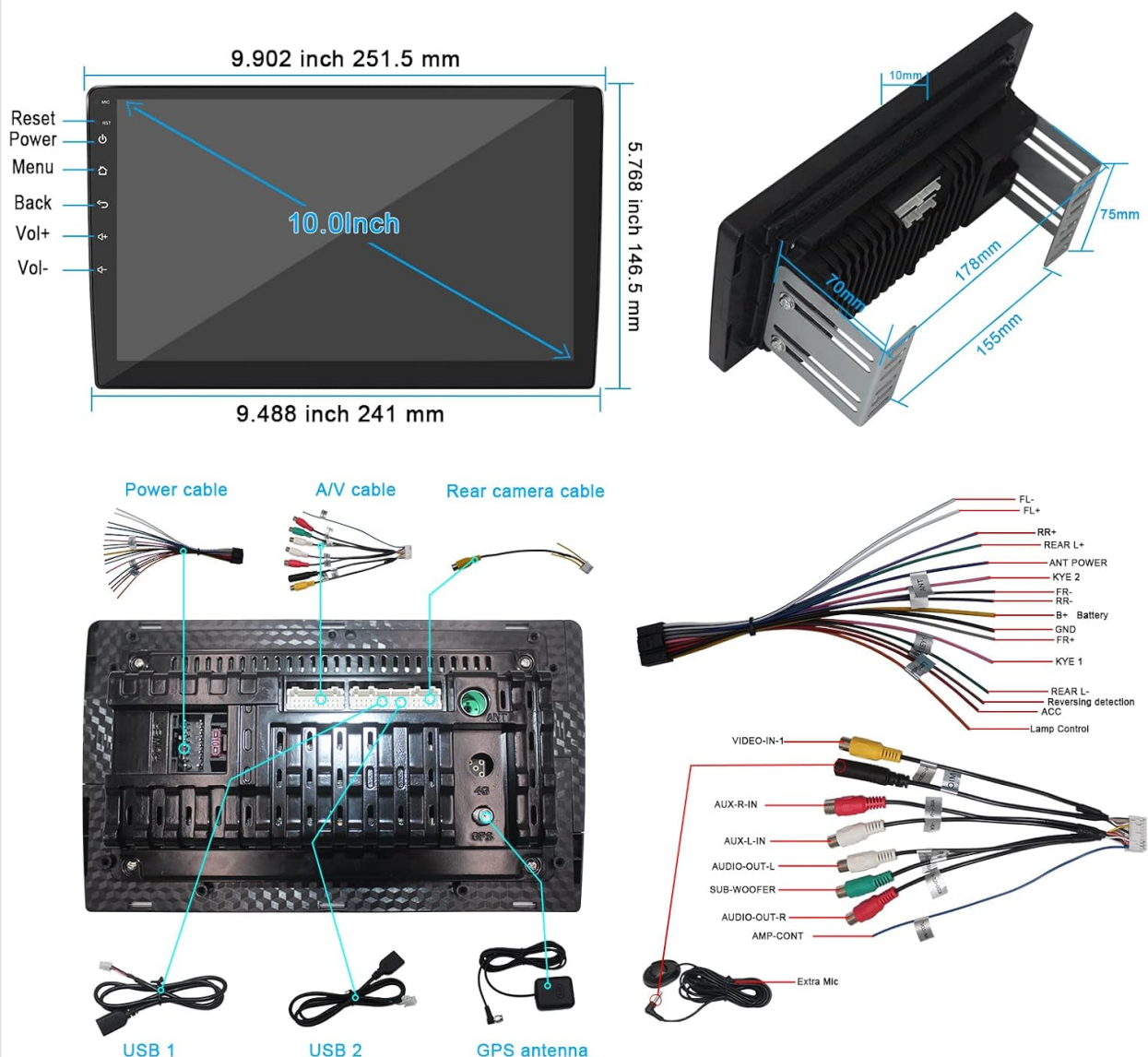


Image 6.7: Rear camera display with parking guidelines and camera feature icons.

6.8 WiFi and Hotspot

Connect the unit to a WiFi network or your phone's hotspot to access online features, stream content, and download applications from the Play Store.

6.9 Split Screen

The split-screen function allows you to run two applications simultaneously, such as navigation on one side and a video player on the other.

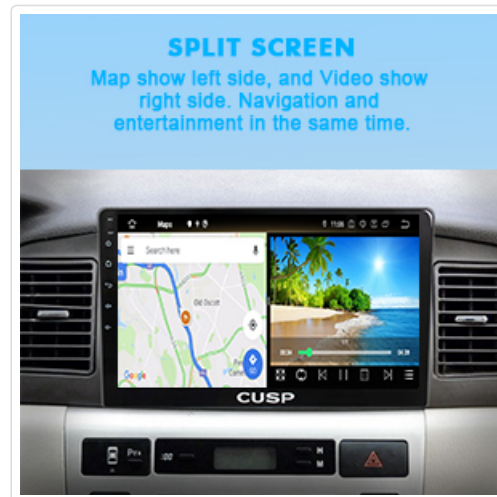


Image 6.8: Split screen functionality showing navigation and video playback simultaneously.

6.10 Built-in DSP

The Digital Sound Processor allows for advanced audio adjustments, including equalizer settings, bass boost, and sound field customization, to optimize your listening experience.



Image 6.9: DSP interface showing various audio adjustment options.

6.11 Video Player

The unit supports various video formats including MKV, MP4, 3GP, and AVI. You can play videos from USB drives or other connected storage.

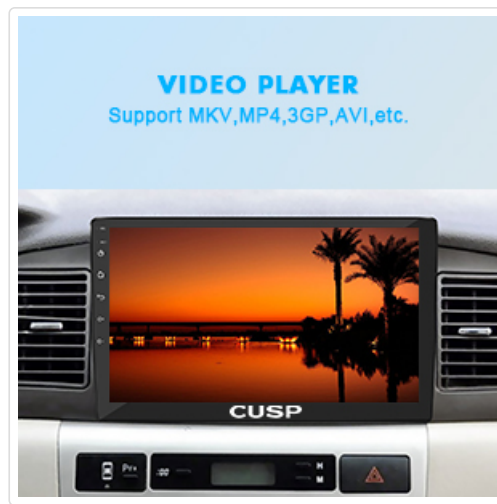


Image 6.10: The car stereo displaying video playback.

6.12 Customization

You can customize the unit's appearance, including selecting different car logos for the boot screen or setting a custom background image.

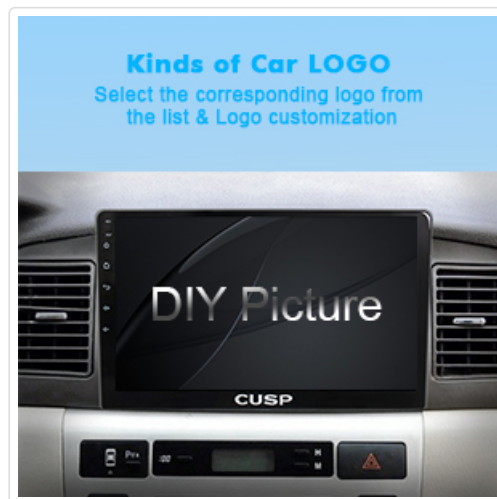


Image 6.11: Customization option for car logos or DIY pictures.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found in the system settings or on the manufacturer's website.
- **Temperature:** Avoid exposing the unit to extreme temperatures, as this can affect performance and lifespan.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Vehicle battery issue	Check power cable connections; Inspect vehicle fuses; Verify vehicle battery charge.
No sound	Volume too low; Speaker wiring issue; Mute enabled	Increase volume; Check speaker connections; Disable mute function.
GPS signal weak or lost	GPS antenna improperly installed or obstructed	Ensure GPS antenna has a clear view of the sky; Check antenna connection.
Bluetooth connection unstable	Interference; Phone too far; Software glitch	Move phone closer; Restart both devices; Clear Bluetooth cache.
Rear camera not displaying	Camera wiring issue; Incorrect camera input selected	Check rear camera cable connection; Ensure reverse trigger wire is connected; Select correct camera input.
Touch screen unresponsive	System freeze; Calibration issue	Restart the unit (press reset button if available); Check for software updates.

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	CV-101301
Display Size	10.1 inches
Resolution	1280*720 Pixels
Operating System	Android (version not specified, typically Android 10 or newer)
Memory (RAM)	2GB
Storage (ROM)	32GB
Connectivity	Bluetooth, Cellular, USB, Wi-Fi
Special Features	Bluetooth, Touchscreen, Wireless CarPlay, Android Auto, GPS, Mirror Link, DSP
Audio Output Mode	AUX, Speaker, Stereo
Mounting Type	Dashboard Mount
Item Weight	3.5 pounds
Package Dimensions	11.97 x 9.33 x 3.23 inches

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This CUSP product comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, or unauthorized modification.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact CUSP customer support. Refer to your purchase documentation or the manufacturer's website for contact details.