

CUSP CV-1301

CUSP Android Car Stereo Radio GPS Navigation System (Model: CV-1301) User Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CUSP Android Car Stereo Radio GPS Navigation System, Model CV-1301. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

PRODUCT FEATURES

- **Operating System:** Android 9
- **Processor:** Six Core Rockchip PX6 CPU (1.8GHz + 1.4GHz, 6 Core)
- **Memory:** 4GB RAM + 64GB ROM
- **Display:** 13.6-inch IPS HD 2K Capacitive Touch Screen
- **Resolution:** 1920x1080
- **Video Support:** 4K Video Playback
- **Connectivity:** Built-in WiFi, Bluetooth 5.0, USB, RCA
- **Navigation:** Built-in GPS with support for online and offline maps (e.g., Google Maps, Igo, Waze)
- **Smartphone Integration:** Wired and Wireless Apple CarPlay, Wired Android Auto
- **Audio Features:** NXP6686 Radio Chip, DSP with TDA 7850 Amplifier, Subwoofer output
- **Control:** Voice Control, Split Screen Functionality
- **Applications:** Pre-installed Google, YouTube, Play Store for app downloads

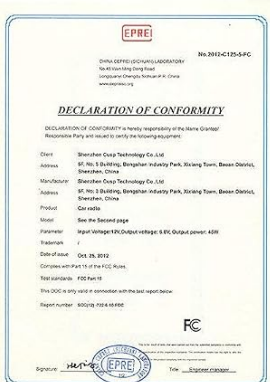
WHAT'S IN THE BOX

Please verify that all components are present before proceeding with installation:

- CUSP Android Car Stereo Head Unit (Model CV-1301)
- Mounting Brackets (for 1 DIN & 2 DIN)
- Mounting Screws

- Audio Cable
- Power Cable
- USB Cables (2 ports)
- GPS Antenna
- AUX Line
- Video Cable
- RCA Cables
- Subwoofer Connector
- Connections for Aftermarket Amplifier
- Rear Camera Connection
- DVR Connection
- TPMS Connection

Certifications



CUPC

DECLARATION OF CONFORMITY

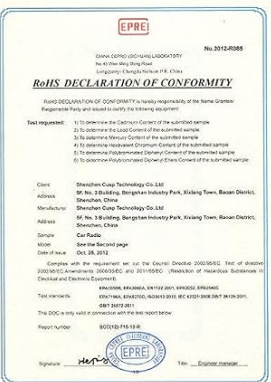
DECLARATION OF CONFORMITY is hereby made by the Manufacturer/Supplier/Importer/Exporter of the following product:

Product: Shenzhen Cusp Technology Co., Ltd.

Model: See the second page

Date of issue: Oct. 28, 2012

Signature: [Signature]



RoHS

DECLARATION OF CONFORMITY

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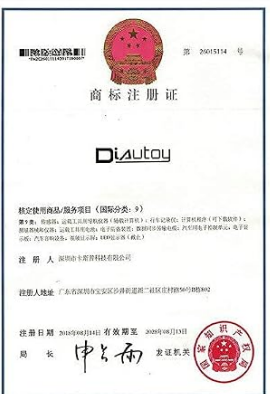
Product: Shenzhen Cusp Technology Co., Ltd.

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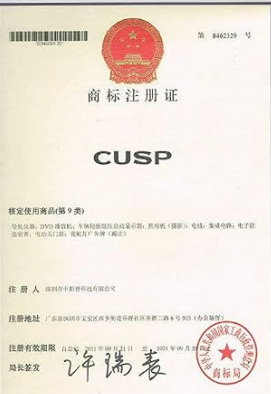
Trademark certificate

Registered Trademark: Dauto

Registration No.: 2015114

Registration Date: 2015/04/23

Registration Authority: [Authority]



Trademark certificate

Registered Trademark: CUSP

Registration No.: 2015114

Registration Date: 2015/04/23

Registration Authority: [Authority]



Certificate of Conformity

Product: CUPC GPS

Model: CUSP

Test Model Name: CUSP

Serial Model: See item 1

Holder: SHENZHEN CUSP TECHNOLOGY CO., LTD.

Address: 8th Floor, Building 8, Science and Technology Park, No. 30 Dapeng Road, Shenzhen, China

Signature: [Signature]



检验报告

INSPECTION REPORT

Report No.: TR20107011

Sample Name: 车载GPS

Model: CUSP

Signature: [Signature]

SHIPMENT



BY AIR





BY TRUCK





BY TRAIN

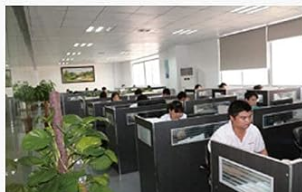


FACTORY

CUSP is professional manufacturer for Tesla style vertical screen, car dvd, car pad, car interface from 2007. CUSP has more than 2000 models. CUSP supply OEM products to TOYOTA, HONDA, HYUNDAI, NISSAN, MITSUBISHI, FORD etc from 2010. CUSP 20% R & D engineer, and 60% technical staff. Produce under TS16949, CE, FCC, RoHS.



▲ Production Base



▲ R & D Center



▲ SMT



▲ SMT



▲ Mould Manufacturing



▲ Production Workshop



▲ High and low temperature



▲ Testing

Image: Overview of included components for the CUSP Android Car Stereo system, showing the main unit, various cables (audio, power, USB, AUX, video), GPS antenna, mounting brackets, and screws.

SETUP AND INSTALLATION

Professional installation is recommended for this product. Incorrect installation may damage the device or your vehicle's electrical system. Ensure the vehicle's battery is disconnected before beginning installation.

General Installation Steps:

1. **Preparation:** Disconnect the vehicle's negative battery terminal. Remove the factory radio or head unit from the dashboard.
2. **Mounting:** Use the provided brackets and screws to secure the CUSP head unit into the dashboard opening. Ensure a snug fit.
3. **Wiring Connections:**
 - **Power:** Connect the power cable to the vehicle's wiring harness. Ensure correct connections for constant power, accessory power, and ground.
 - **Audio:** Connect the audio output cables (RCA) to your vehicle's amplifier or speakers.
 - **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield. Connect it to the head unit.
 - **USB:** Connect the USB cables for external devices or data transfer.
 - **AUX/Video:** Connect AUX and video input/output cables as needed for external sources or displays.
 - **Optional Connections:** Connect the rear camera, DVR, or TPMS if these accessories are being installed.
4. **Testing:** Reconnect the vehicle's battery. Turn on the ignition and power on the head unit to test basic functions (power, audio, display).
5. **Final Assembly:** Securely reassemble the dashboard components.

CUSP

BIGGER AND FASTER

Used the most advanced hardware, speed up more easily.
Android 9.0 CPU Rockchip PX6 , Cortex A72 (1.8Ghz)+(1.4Ghz) , 6 Core.



1920*1080P HD VIDEO

Support 3D Games, HD Video, 1080P, H.264, Drvx Live Images Formats



IPS All viewing angle display

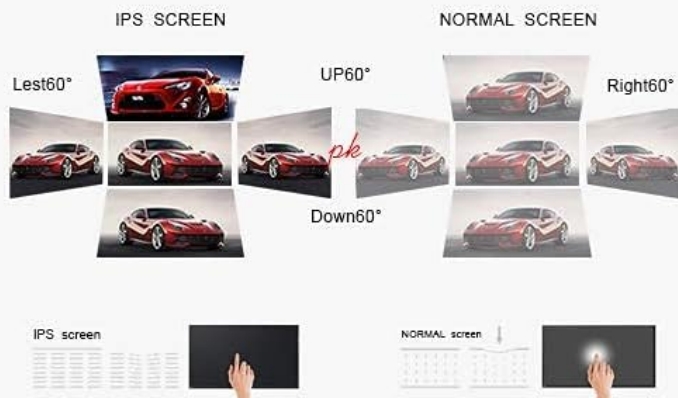


Image: Rear view of the CUSP head unit displaying various ports for power, audio, video, and data connections, alongside a diagram of included cables.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button (usually located on the front panel or screen) to turn the unit on or off. A short press may mute/unmute audio.

Navigation

The unit comes with built-in GPS. Access the navigation application from the main menu. You can use pre-installed maps or download others from the Play Store. Ensure the GPS antenna is properly connected for optimal signal reception.

CAR PLAY & ANDROID AUTO (OPTION)

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



CarPlay



androidauto



Image: The CUSP car stereo screen showing a detailed GPS navigation map interface.

Radio Function

Select the "Radio" application from the main menu. You can scan for stations, save presets, and switch between FM and AM bands. The NXP6686 radio chip provides enhanced sensitivity.



Image: The CUSP car stereo screen showing the radio tuning interface with frequency display and station presets.

Bluetooth Connectivity

Pair your mobile phone via Bluetooth 5.0 for hands-free calling and audio streaming. Go to "Settings" > "Bluetooth" on the head unit to enable Bluetooth and search for devices. Select your phone from the list and confirm the pairing code.

- **Hands-Free Calling:** Access your phonebook, dial numbers, and manage calls directly from the head unit.
- **Bluetooth Music:** Stream audio from your paired device to the car stereo.



Image: The CUSP car stereo screen showing the Bluetooth interface with options for phone calls and music streaming, alongside a person using a phone.

CarPlay & Android Auto

Connect your iPhone for Apple CarPlay (wired or wireless) or Android phone for Android Auto (wired) to access compatible apps, navigation, and media directly on the head unit's screen.

VOICE CONTROL(OPTION)

Relax your hands, only talking, CUSP tesla unit will follow your order, turn on radio, turn up volume, navigate to park, call mom etc.



Image: The CUSP car stereo screen displaying both Apple CarPlay and Android Auto interfaces, demonstrating smartphone integration.

Voice Control

Utilize the voice control feature to manage various functions hands-free. Activate voice control and issue commands such as "Turn on radio," "Turn up volume," "Navigate to [destination]," or "Call [contact name]."



Image: A graphic illustrating the voice control capabilities of the CUSP car stereo, showing various commands like "Turn on radio" and "Navigate to park."

Display Rotation

The 13.6-inch screen supports electronic rotation, allowing you to adjust its orientation for optimal viewing. Refer to the on-screen controls or physical buttons for rotation options.



Image: The CUSP car stereo head unit demonstrating its 13.6-inch screen's electronic rotation capability, showing various screen orientations.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **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.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power connection; Blown fuse; Incorrect wiring.	Check power cable connections. Inspect vehicle fuses. Verify wiring according to installation instructions.
No audio output.	Volume too low; Mute activated; Incorrect speaker wiring; Amplifier issue.	Increase volume. Check if unit is muted. Verify speaker connections. Ensure external amplifier (if used) is powered and connected correctly.
GPS signal lost or inaccurate.	GPS antenna obstructed or disconnected; Poor satellite reception.	Ensure GPS antenna has a clear view of the sky. Check antenna connection to the head unit. Move to an open area.
Bluetooth device cannot connect.	Bluetooth not enabled; Device not in pairing mode; Interference.	Ensure Bluetooth is enabled on both the head unit and your device. Put your device in pairing mode. Try pairing in a different location to avoid interference.
Touch screen unresponsive.	System freeze; Screen calibration issue.	Restart the unit. If issue persists, perform a system reset (refer to settings for reset option).

SPECIFICATIONS

Model Number: CV-1301

Operating System: Android 9

Processor: Six Core Rockchip PX6 CPU

RAM: 4GB

ROM: 64GB

Display Size: 13.6 Inches

Resolution: 1920 x 1080

Connectivity: Bluetooth 5.0, RCA, USB, Wi-Fi

Audio Output Mode: Stereo

Special Features: RDS, CarPlay, Android Auto, Voice Control, DSP, Electronic Rotation Screen

Item Weight: 7.83 pounds (approx. 3.55 kg)

Package Dimensions: 15.15 x 9.3 x 9.1 inches (approx. 38.5 x 23.6 x 23.1 cm)

WARRANTY AND SUPPORT

CUSP provides the following warranty and support for this product:

- **Manufacturer's Warranty:** Limited 1-Year Warranty for defective items.
- **Accessories Warranty:** 3-month Warranty for included accessories.
- **Technical Support:** Lifetime professional technical support.
- **Software Updates:** Continued software updates provided free of charge.

For technical assistance or warranty claims, please contact CUSP customer support. Refer to the product packaging or the official CUSP website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question