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> [CHSTEK 8581B Android 13 Car Radio User Manual for Volvo S60 S40 V40 V70 XC70 XC90 \(2000-2004\)](#)

CHSTEK 8581B

CHSTEK 8581B Android 13 Car Radio User Manual

For Volvo S60, S40, V40, V70, XC70, XC90 (2000-2004)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CHSTEK 8581B Android 13 Car Radio. This advanced multimedia system is designed specifically for Volvo S60, S40, V40, V70, XC70, and XC90 models manufactured between 2000 and 2004. It features an 8-inch HD touch screen, Wireless CarPlay, Wired Android Auto, GPS navigation, Bluetooth connectivity, and 4G/WiFi capabilities to enhance your driving experience.



Image 1: Overview of the CHSTEK 8581B Car Radio highlighting its 8-core processor, 4GB RAM + 64GB storage, DSP, 4G, and Android 13 features.

FOR VOLVO S40 S60 V40 V70 XC70 2000-2004



Image 2: The CHSTEK Car Radio seamlessly integrated into a Volvo S40, S60, V40, V70, XC70, or XC90 dashboard, demonstrating its compatibility.

2. SETUP AND INSTALLATION

The CHSTEK 8581B Car Radio is designed for a plug-and-play installation. However, professional installation is recommended to ensure proper functionality and to avoid damage to your vehicle's electrical system.

2.1 Vehicle Compatibility Check

Before installation, verify that your vehicle's dashboard matches the appearance shown in the 'After Installation' image below. If you are uncertain about compatibility, please provide your car's detailed information to customer service for confirmation.

2.2 Installation Steps

1. Carefully remove your existing car radio unit.
2. Connect the provided plug-and-play cables to the corresponding ports on the new CHSTEK 8581B unit and your vehicle's wiring harness.
3. Secure the new unit into the dashboard opening.
4. Test all functions (power, audio, touch screen, navigation, etc.) before fully reassembling the dashboard.



Image 3: Comparison of a Volvo dashboard before and after the installation of the CHSTEK Car Radio, demonstrating the integrated fit.

2.3 4G SIM Card Installation (Optional)

The unit supports 4G connectivity via a SIM card. The 4G SIM cable allows for easy replacement of the SIM card without

disassembling the main unit.

- Insert a compatible 4G SIM card into the provided 4G SIM cable slot.
- Connect the 4G SIM cable to the designated port on the car radio.

Important Note: 4G network functionality may vary by region. Customers in the Americas (e.g., United States, Canada, Mexico, Brazil) should confirm 4G network compatibility with customer service. 4G SIM card network function is not supported in Japan and South Korea due to different carriers and network basebands.

Support 4G & WiFi

With 4G card slot and antenna



4G sim cable

Replace the sim card
without disassembling



Image 4: The CHSTEK Car Radio displaying its 4G and WiFi capabilities, including a detailed view of the 4G SIM cable for easy SIM card access.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press and hold the power button (usually located on the front panel) to turn the unit on or off.
- **Touch Screen:** Navigate the Android 13 interface using the responsive 8-inch 1280*720P HD touch screen.
- **Volume Control:** Use the physical knobs or on-screen controls to adjust the volume.
- **Multiple UI Themes:** Customize your user experience by selecting from various built-in desktop themes.
- **Split Screen Function:** Utilize two applications simultaneously, such as navigation and music playback, for enhanced multitasking.



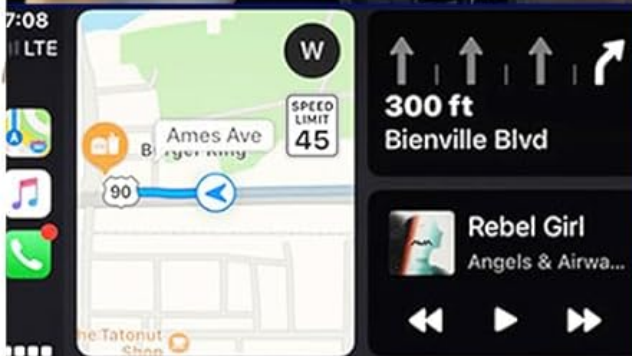
Image 5: The CHSTEK Car Radio displaying its split-screen feature, showing video playback and navigation simultaneously.

3.2 Connectivity Features

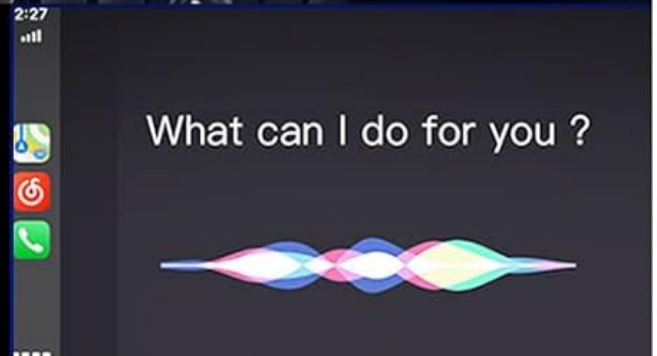
- **Wireless CarPlay:** Connect your iPhone wirelessly to access maps, make calls, send messages, and enjoy music directly on the car radio display. Use Siri voice control for hands-free operation.



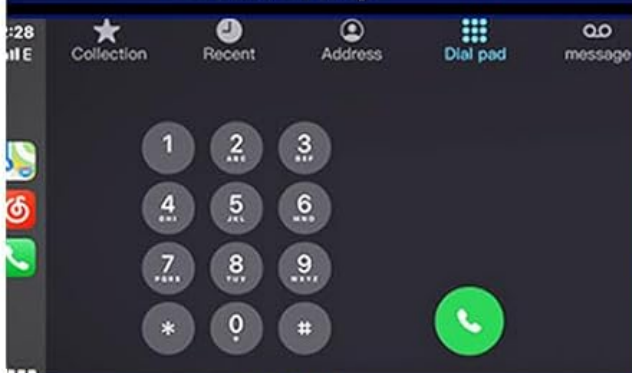
Built-in Wireless CarPlay



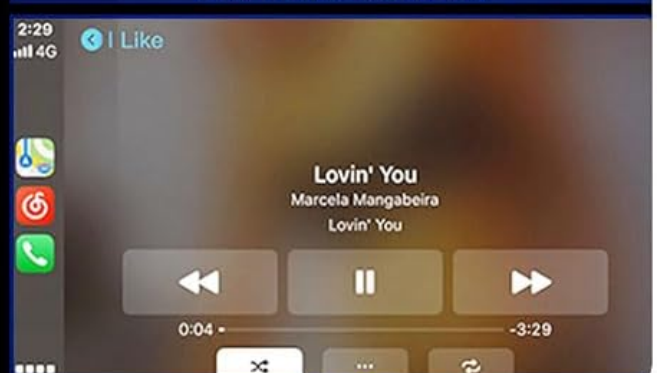
Online Map



Siri Voice Control



Call Up



Music

Image 6: The CHSTEK Car Radio displaying the Wireless CarPlay interface, showing various iPhone applications and Siri voice control in action.

- **Wired Android Auto:** Connect your Android device via USB to mirror features like GPS mapping, music playback, SMS, and telephone functions. Google Assistant can be activated via voice control.



Image 7: The CHSTEK Car Radio displaying the Wired Android Auto interface, showing common Android applications.

- **Mirror Link:** Mirror your smartphone screen directly onto the car radio display.
- **Bluetooth:** Pair your phone for hands-free calling, access to phone contacts, and Bluetooth music streaming. An external microphone is supported for clear communication.

S Y N C H R O N O U S D I S P L A Y

Car Bluetooth



Open Bluetooth Pairing Successfully, You Can Synchronize The Phone Contacts.
Voice Control, Hands-Free Dialing, Take Calls, Play Music.



Phone



Address Book



Music



Image 8: The CHSTEK Car Radio's Bluetooth interface, showing options for phone calls, address book, and music playback.

- **GPS Navigation & WiFi:** The unit includes built-in GPS for online and offline navigation. Download offline maps for use without an internet connection. Connect to WiFi to access online movies, news, and streaming services like YouTube and TikTok.
- **FM Radio:** Tune into FM radio stations (87.50-108.0 MHz) with 18 preset stations available.
- **EQ Function:** Utilize the built-in Equalizer (DSP*36EQ) to customize audio output for optimal sound quality.

3.3 Multimedia Playback

- The unit does **not** have a built-in DVD/CD reader.
- There is **no** built-in SD card slot. External media can be connected via USB.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your car radio.

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for available software updates through the system settings to ensure you have the latest features and performance enhancements.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

5. TROUBLESHOOTING

If you encounter issues with your CHSTEK 8581B Car Radio, refer to the following common solutions. If the problem persists, contact customer support.

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify fuses are intact.
- **No Sound:** Check volume levels, audio source selection, and speaker connections. Ensure the mute function is not activated.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue continues, a factory reset might be necessary (note: this will erase personal data).
- **Bluetooth/CarPlay/Android Auto Connection Issues:** Ensure Bluetooth is enabled on both devices. For wired connections, try a different USB cable. For wireless connections, ensure both devices are discoverable and within range.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.

6. SPECIFICATIONS

Feature	Specification
Model Number	8581B
Operating System	Android 13
Processor	8 Core 1.6GHz
RAM	4GB
Internal Storage	64GB
Display Size	8 Inches
Screen Resolution	1280*720P HD
Connectivity	Wireless CarPlay, Wired Android Auto, Mirror Link, Bluetooth, 4G, WiFi
GPS	Built-in GPS, supports online/offline maps (Worldwide)
Audio Features	FM Radio (87.50-108.0 MHz, 18 presets), DSP*36EQ

Feature	Specification
Special Features	Touchscreen, Voice Command, Multiple UI Themes, Split Screen
Vehicle Service Type	Car
Included Components	As shown (main unit, wiring harness, GPS antenna, 4G antenna, external microphone)
Item Weight	3520 pounds <i>(Note: This weight appears to be a data entry error. Actual weight is likely much lower, e.g., 3.52 lbs.)</i>
Package Dimensions	11.81 x 9.84 x 7.87 inches

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The CHSTEK 8581B Car Radio comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

Extended protection plans may be available for purchase separately to provide additional coverage beyond the standard warranty period.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact CHSTEK Radio customer service. Provide your product model number (8581B) and purchase details for efficient support.