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SIXTOP SIXTOP Android Car Stereo for Subaru Legacy Outback 2003-2009 (Model: B0CT8NZSD2)

SIXTOP Android Car Stereo User Manual

Model: B0CT8NZSD2

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SIXTOP Android Car Stereo. Designed specifically for Subaru Legacy and Outback models from 2003-2009, this advanced head unit features a 9-inch touchscreen, an 8-core processor, 4GB RAM, and 64GB internal storage. It integrates seamlessly with modern smartphone technologies like Apple CarPlay and Android Auto, offers superior audio customization with a 32-band DSP, and includes various connectivity options such as FM/RDS, network radio, GPS navigation, and AI voice control. Please read this manual thoroughly before use to ensure optimal performance and safety.

Figure 1.1: SIXTOP Android Car Stereo main unit with screen displaying various apps.

2. Product Features

- **High Performance:** Equipped with an 8-core chip and 4GB RAM + 64GB ROM for a fast and stable user experience.
- **Advanced Audio Processing:** Features a DSP with 32-band EQ for customizable sound effects, including 3D optimized, Panorama, and HiFi scene modes, enhancing the in-car audio quality.
- **Versatile Radio Options:** Supports FM/RDS radio for local broadcasts and network radio for global content access via internet connection.
- **Comprehensive Connectivity:** Built-in WiFi for app downloads and online media streaming, Bluetooth 5.0 for stable wireless connections, and multi-satellite GPS (GPS/Galileo/Glonass) for accurate navigation.
- **Smartphone Integration:** Seamlessly integrates with Apple CarPlay and Android Auto for synchronized phone functions, including calls, messages, navigation, and music. Supports both wired and wireless connections.
- **Mirror Link Functionality:** Allows mirroring of your smartphone screen to the car stereo display for viewing downloaded videos and other content.
- **AI Intelligent Voice Control:** Activate the smart voice assistant to control various functions like calling contacts, playing specific music, tuning radio stations, or opening installed applications using voice commands.

- **Customizable Interface:** Offers 59 different desktop themes to personalize the visual appearance of the radio.
- **Split Screen Function:** Enables simultaneous display of two applications on the screen, enhancing multitasking capabilities.
- **Global Weather Display:** Provides real-time weather information for global cities, including temperature, humidity, and wind conditions.
- **Steering Wheel Control Support:** Compatible with original steering wheel buttons for convenient and safe control of audio functions.
- **AHD Camera Support:** Supports AHD 720P 25fps waterproof night vision camera for clear reversing images.

Figure 2.1: Visual representation of key features including WiFi, Backup Camera, Split Screen, DSP, GPS, SWC, FM/RDS, and AI Voice.

3. Package Contents

Upon opening the package, please verify that all the following components are included:

- Car Stereo with Frame
- AHD Rear Camera
- Microphone (Mic)
- Power Cable
- Video Line & Power Cable
- USB Cable
- RCA Cable
- Input Cable
- GPS Antenna
- Installation Tool
- Product Manual (this document)
- Various Small Parts (e.g., screws, clips)

Package List & Size

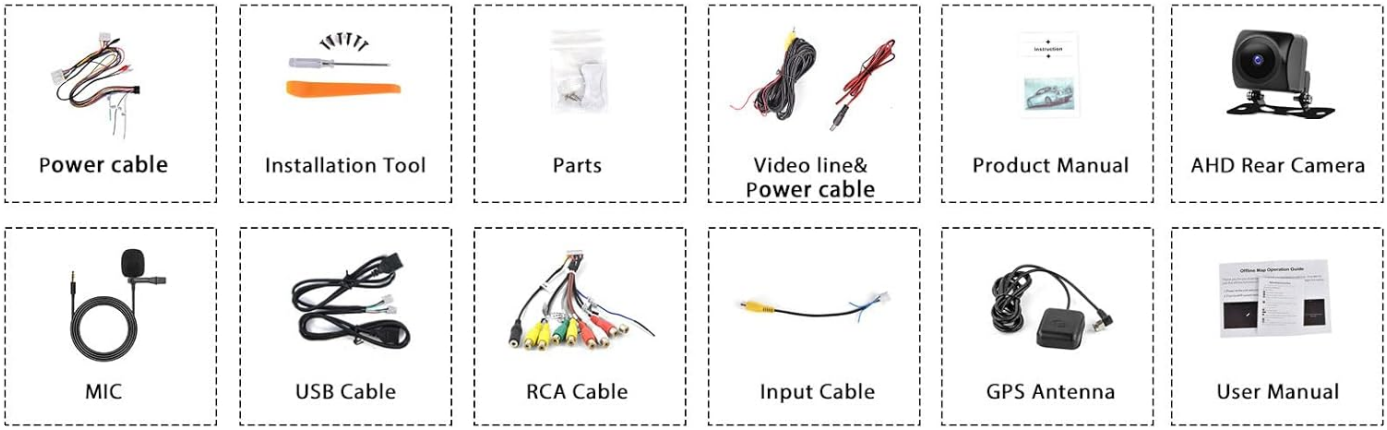

Figure 3.1: Detailed view of all included accessories and the main unit's dimensions.

4. Specifications

Feature	Specification
Item Weight	2.65 pounds
Package Dimensions	14.17 x 8.27 x 3.15 inches
Display Size	9 Inches
Resolution	720 x 1280
Operating System	Android
Special Features	Android Auto, Apple CarPlay, Touchscreen, AI Voice
Connectivity Technology	Bluetooth 5.0, WiFi
Map Type	Worldwide (GPS/Galileo/Glonass)

Feature	Specification
Audio Output Mode	Stereo (with DSP 32EQ)
Vehicle Service Type	Car (Subaru Legacy Outback 2003-2009)
Manufacturer	SIXTOP

5. Setup and Installation

The SIXTOP Android Car Stereo is designed for direct fitment in Subaru Legacy and Outback models manufactured between 2003 and 2009. Professional installation is recommended.

5.1 Pre-Installation Check

- Ensure your vehicle is a Subaru Legacy or Outback (2003-2009 model year).
- Verify all package contents are present as listed in Section 3.
- Disconnect the vehicle's battery before beginning installation to prevent electrical shorts.

5.2 Main Unit Installation

Carefully remove the original car stereo and trim. Install the new SIXTOP unit using the provided frame and installation tools. Connect the power cable, speaker wires, and other necessary connections to the vehicle's wiring harness.

Figure 5.1: Comparison showing the original Subaru Legacy Outback dashboard and the dashboard after installing the SIXTOP Android Car Stereo.

5.3 Rear Camera Installation

Install the AHD rear camera at the rear of your vehicle, typically near the license plate. Route the camera cable to the main unit. Connect the camera's power cable to the car's reverse light positive pole (marked as "Reverse" or "Back" on the control wire) and ground. Connect the video signal cable to the corresponding input on the car stereo.

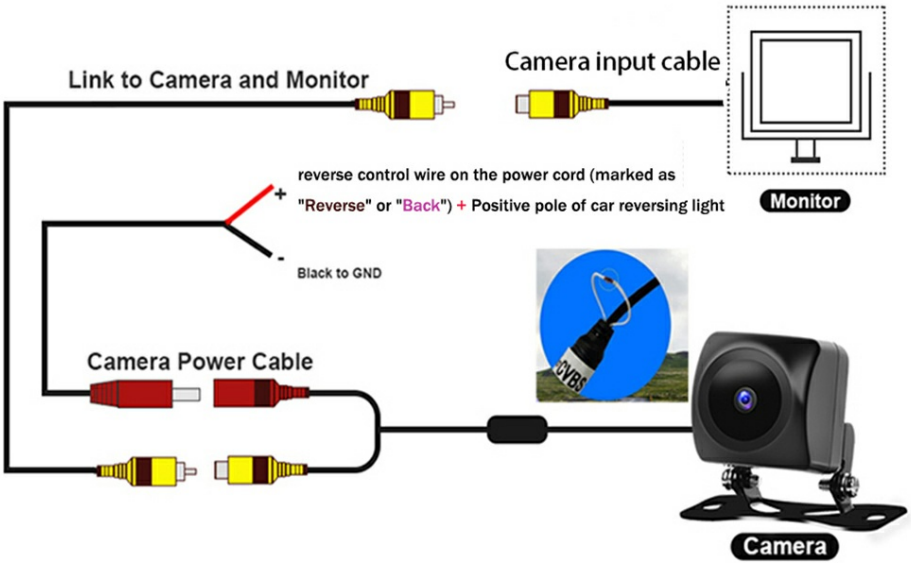

Figure 5.2: Diagram illustrating the connections for the rear camera, including power and video signal lines.

6. Operating Instructions

6.1 Apple CarPlay / Android Auto / Mirror Link

To use Apple CarPlay or Android Auto, ensure your phone's WiFi and Bluetooth are enabled. Connect your phone via Bluetooth, then open the [CPLINK] or [Android Auto] app on the stereo. Alternatively, use a USB cable to connect your phone and open the respective app. Mirror Link allows you to cast your phone's screen to the stereo; select the [CarbitLink] app and connect via WiFi.

Figure 6.1: Visual guide to connecting and using Apple CarPlay, Android Auto, and Mirror Link features.

6.2 DSP 32EQ Audio Customization

The Digital Sound Processor (DSP) with 32-band Equalizer (EQ) allows you to fine-tune the audio output. Access the DSP settings to adjust sound effects like 3D optimized, Panorama, and HiFi scene. You can customize frequency bands, balance, and fade to achieve your preferred sound quality.

Figure 6.2: Screenshots of the DSP and 32-band EQ interface for audio adjustments.

6.3 FM/RDS & Network Radio

Tune into local FM radio stations with RDS support for station information. For a wider selection, connect to the internet via WiFi and access network radio, which provides access to mainstream radio stations from over 20 countries and regions globally.

Figure 6.3: Display of the FM radio tuner and network radio interface with various online stations.

6.4 WiFi, Bluetooth 5.0, and GPS Navigation

Connect to a WiFi hotspot to download apps, stream online music, and watch videos. Bluetooth 5.0 ensures fast and stable connections for hands-free calling and audio streaming. The built-in GPS supports multiple satellite systems (GPS/Galileo/Glonass) for precise navigation. You can download offline maps from the Play Store or use online maps when connected to WiFi.

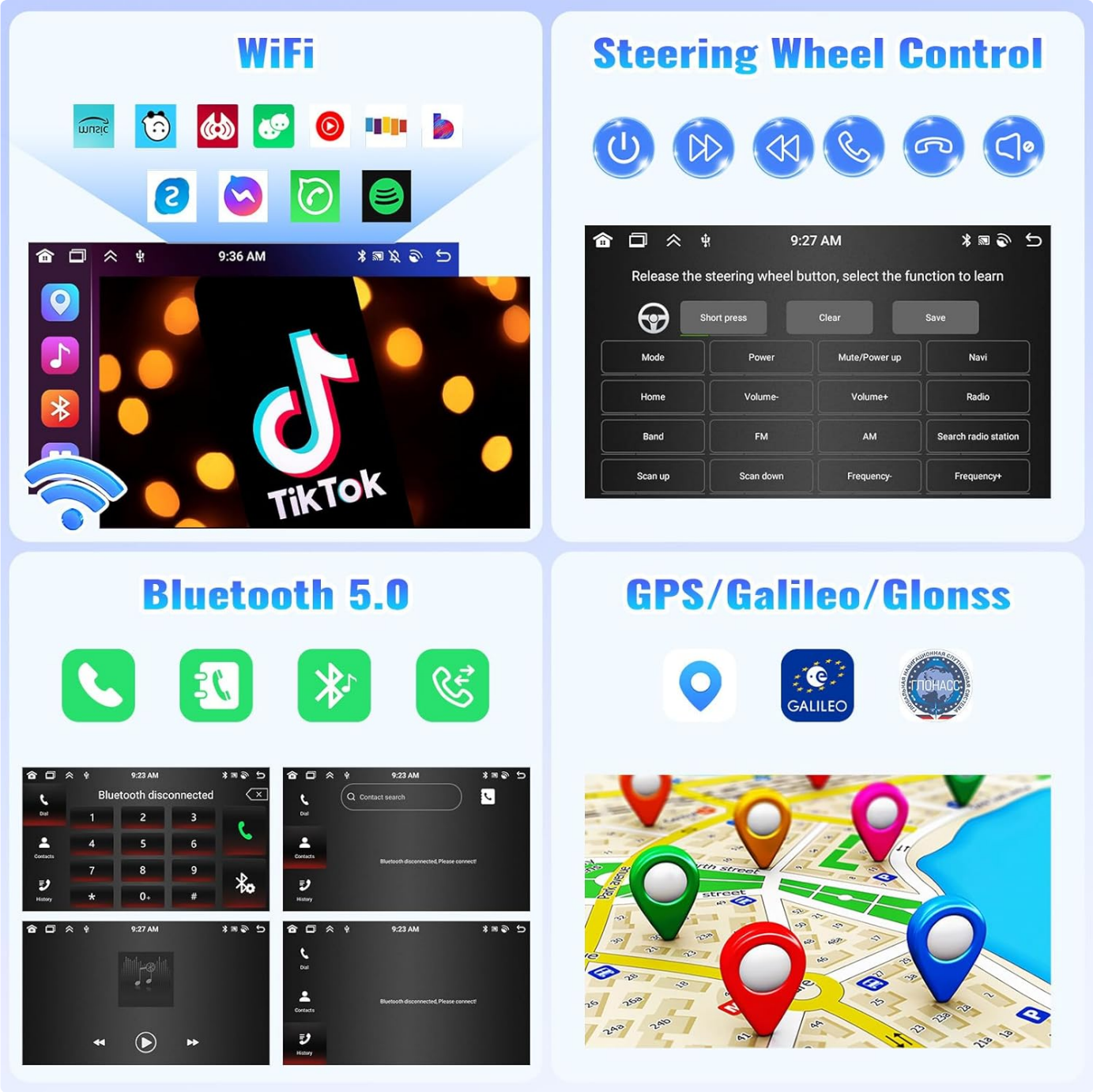

Figure 6.4: Screenshots demonstrating WiFi connectivity, Bluetooth phone functions, and GPS navigation with map display.

6.5 AI Intelligent Voice Control

Activate the AI voice assistant by clicking the Voice APP. You can then issue voice commands for various tasks, such as calling contacts, playing specific music, tuning radio stations, or opening installed applications. For example, say "Play Michael Jackson's song" to play music.

Figure 6.5: Visual representation of the AI voice assistant responding to commands like "Hey Siri", "Call Laura", and "Play music".

6.6 Steering Wheel Control Function

To use your vehicle's original steering wheel buttons, navigate to the car settings on the stereo and configure the steering wheel controls. This allows for convenient and safe operation of audio functions without taking your hands off the wheel.

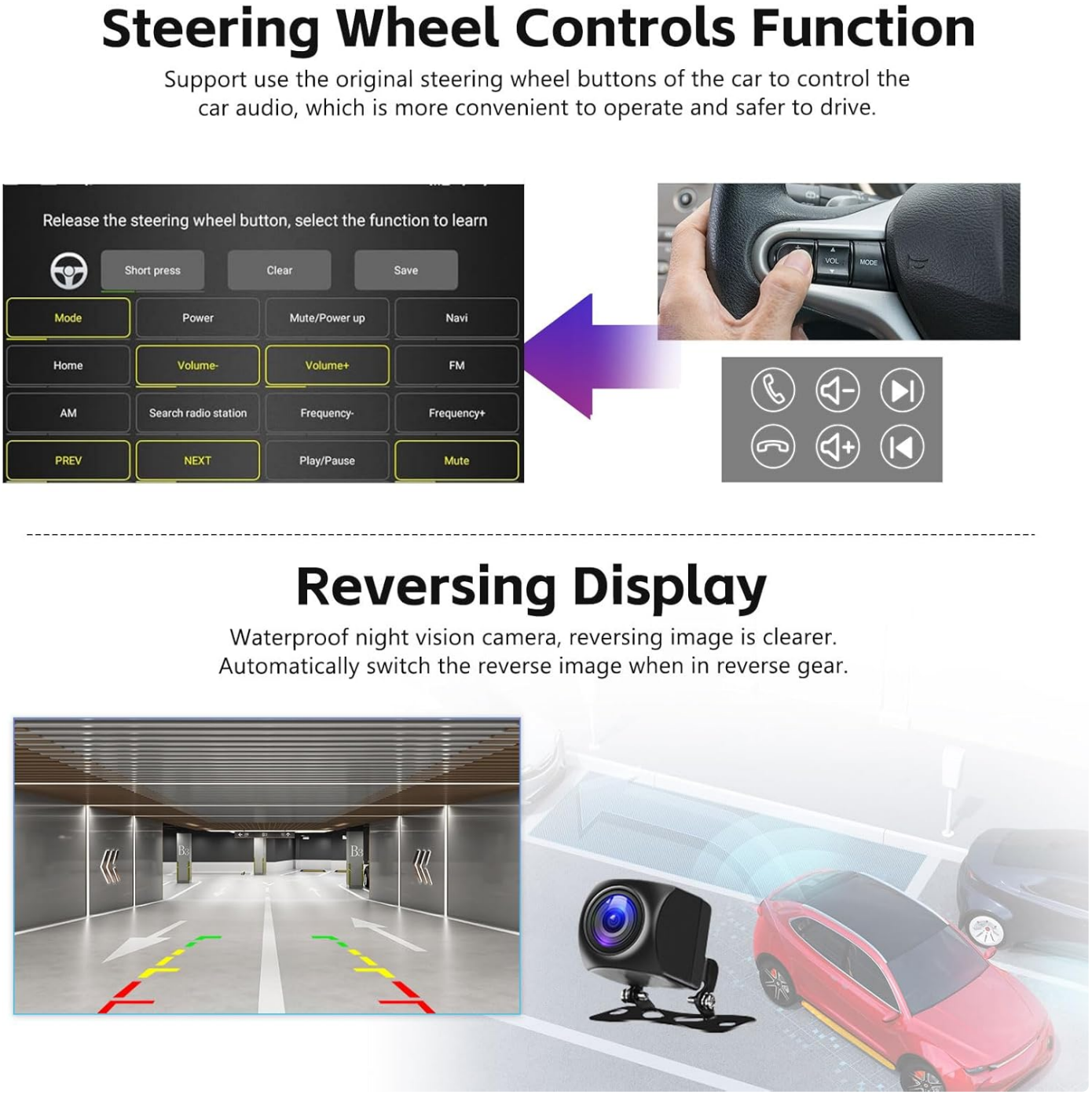

Figure 6.6: Instructions for setting up steering wheel controls and a demonstration of the reversing display.

6.7 Reversing Display

When the vehicle is shifted into reverse gear, the stereo automatically displays the clear image from the waterproof night vision AHD camera. Ensure the camera resolution is correctly set in the radio factory settings (AHD: 720P 25fps).

6.8 Split Screen Function and Themes

The split-screen function allows you to run two applications simultaneously. Click the rectangle icon at the top of the screen, select a browsing page, and drag it to either the left or right side of the screen. You can also personalize your stereo's appearance by choosing from 59 different desktop themes. Long-press a blank space on the homepage to change the theme.

Figure 6.7: Examples of the split-screen feature, showing two applications running concurrently.

Figure 6.8: A collage of 59 different desktop themes that can be applied to the car stereo interface.

6.9 Global Weather Display

With an active internet connection, the stereo can display real-time weather information for global cities. This includes temperature (in Celsius or Fahrenheit), humidity, and wind conditions, providing useful information for your travels.

Figure 6.9: Screenshots showing the global weather display interface with temperature, humidity, and wind conditions for different cities.

7. Maintenance

To ensure the longevity and optimal performance of your SIXTOP Android Car Stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics to clean the touchscreen. Do not use abrasive cleaners, alcohol, or solvents, as these can damage the screen coating.
- **Dust Removal:** Regularly wipe down the unit's exterior to prevent dust buildup. Use compressed air to clear dust from vents and ports if necessary.
- **Software Updates:** Periodically check for software updates through the system settings. Keeping the software updated can improve performance, add new features, and fix bugs.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme hot or cold temperatures for prolonged periods, as this can affect electronic components.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

8. Troubleshooting

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

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and connections. Inspect vehicle's fuse box and stereo's fuse. Ensure car battery is charged.
No Sound	Muted volume, incorrect audio source, loose speaker wires, DSP settings.	Increase volume. Select correct audio source. Check speaker wire connections. Reset DSP settings to default.
Touchscreen Unresponsive	Software glitch, screen protector interference.	Restart the stereo. Remove and reapply screen protector if applicable. Perform a factory reset if necessary (data will be lost).
GPS Not Working	Poor satellite signal, outdated maps, GPS antenna issue.	Ensure vehicle is in an open area. Update maps. Check GPS antenna connection and placement.
Bluetooth Connectivity Issues	Bluetooth off, pairing issues, interference.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Move closer to the stereo.
Rear Camera Not Displaying	Incorrect wiring, camera fault, incorrect settings.	Verify camera wiring (power and video). Check camera resolution settings in factory settings. Test camera with another display if possible.

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

9. Warranty and Support

Your SIXTOP Android Car Stereo comes with a **1-Year Warranty** from the date of purchase, covering manufacturing defects.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact SIXTOP customer support:

Email: SIXTOP123@163.com

Response Time: 24 Hours / 7 Days Quick Response

Support Type: Lifetime Technical Support

Figure 9.1: SIXTOP customer support contact details.

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