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> UNITOPSCI 4G+64G 8 Core Android Car Stereo Instruction Manual for Chevy, GMC, Hummer 2003-2006

UNITOPSCI 4G+64G 8 Core

UNITOPSCI 4G+64G 8 Core Android Car Stereo Instruction Manual

For Chevy, GMC, Hummer Models 2003-2006

1. PRODUCT OVERVIEW

The UNITOPSCI 4G+64G 8 Core Android Car Stereo is an advanced multimedia system designed to upgrade your vehicle's infotainment. Featuring a 7-inch IPS HD touchscreen, this unit integrates modern functionalities such as wireless Apple CarPlay, Android Auto, GPS navigation, Bluetooth 5.0, and Wi-Fi connectivity. It is equipped with an 8-core processor, 4GB RAM, and 64GB ROM for smooth operation of multiple applications.

1.1 Key Features

- **Operating System:** Android 13
- **Display:** 7-inch IPS HD Touchscreen (1280x720 resolution)
- **Processor:** 8-Core CPU
- **Memory:** 4GB RAM + 64GB ROM
- **Connectivity:** Wireless Apple CarPlay, Android Auto, Mirror Link, Bluetooth 5.0, Wi-Fi
- **Navigation:** Built-in GPS with online and offline map support
- **Audio:** DSP 32-band EQ for custom sound adjustment
- **Camera Support:** AHD Backup Camera input
- **Control:** Steering Wheel Control (SWC) compatibility
- **Radio:** FM/RDS Radio with 18 preset stations
- **Additional Features:** Split Screen function, customizable UI themes

1.2 Vehicle Compatibility

This car stereo is specifically designed for the following vehicle models:

- **Chevy Chevrolet:** Silverado (2003-2006), SSR (2003-2006), Tahoe (2003-2006), Silverado Classic Models ONLY (2007), Colorado (2004-2012), Corvette (2005-2009), Avalanche (2003-2006), Blazer (2002-2005), Express (2001-2002), Impala (2000-2005), Malibu (2000-2003), Malibu Classic Models ONLY (2004-2005), Monte Carlo (2000-2005), Suburban (2003-2006), Trailblazer (2002-2009), Uplander (2005-2008), Venture (2000-2005)

- **GMC:** Canyon (2004-2012), Envoy (2002-2009), Savana (2003-2007), Sierra (2003-2007), Yukon (2003-2008)
- **Hummer:** H2 (2003-2006), H3 (2005-2010), H3T (2009-2010), SLUT (2003-2007)
- **Isuzu:** Ascender (2003-2008)
- **Oldsmobile:** Alero (2001-2004), Bravada (2002-2004), Silhouette (2000-2004)
- **Saturn:** Relay (2005-2007)
- **Pontiac:** Aztek (2001-2005), Grand Am (2001-2004), Montana (2000-2004), Montana SV6 (2005-2006), Sunfire (2000-2005), Torrent (2006), Lacrosse (2005-2009), Rainier (2004-2007)
- **Buick:** Rendezvous (2006), Terraza (2005-2007)
- **Cadillac:** Escalade ESV/EXT (2004-2007)

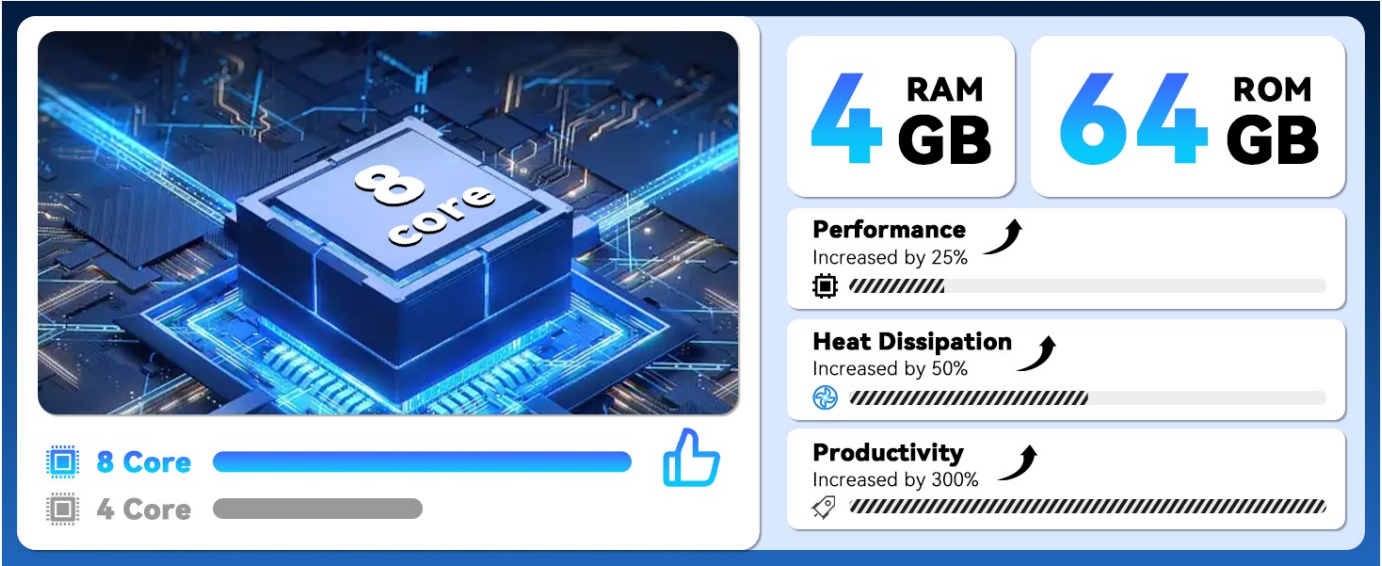


Image: Detailed compatibility list for various Chevrolet, GMC, Hummer, and other models.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Product Wiring



- | | |
|--------------------|---------------------------|
| 1.Power Cable | 6.Rear Camera Input Cable |
| 2.RCA Cable | 7.Radio Antenna |
| 3.8Pin Canbus Plug | 8.GPS Antenna |
| 4.USB Cable | 9.Canbus |
| 5.USB Cable | |



- | | |
|---------------|---------------------------|
| 1.Power Cable | 5.Rear Camera Input Cable |
| 2.RCA Cable | 6.Radio Antenna |
| 3.USB Cable | 7.GPS Antenna |
| 4.USB Cable | |

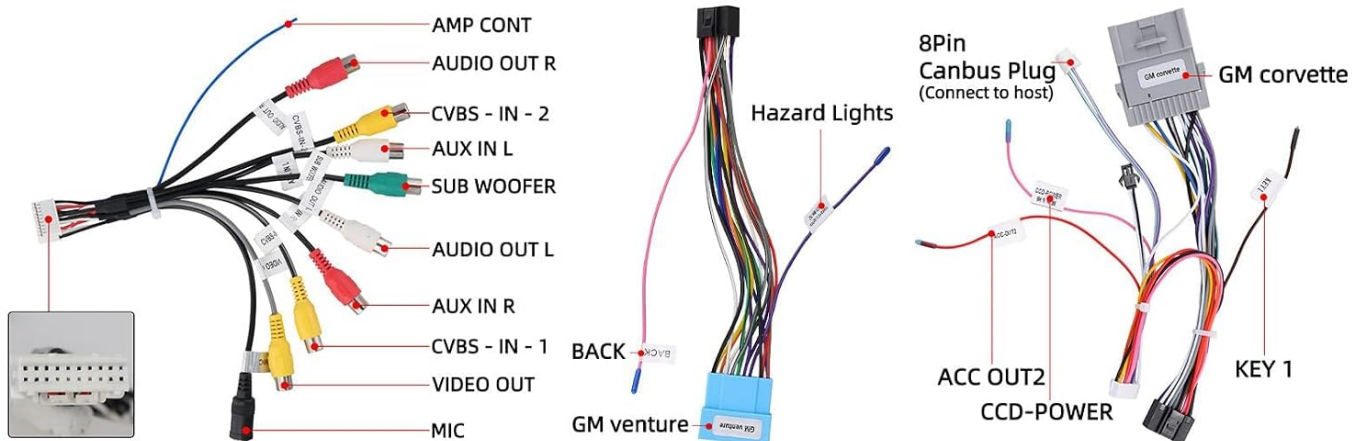


Image: Visual representation of all components included in the package.

- Android Car Stereo Head Unit
- Backup Camera
- Microphone (Mic)
- Power Cables (various types)
- RCA Cable
- Rear Camera Input Cable
- GPS Antenna
- Canbus Decoder
- USB Cables
- Small Horn (Speaker)
- Camera Cable
- Antenna Adapter
- Radio Antenna
- User Manual

3. SETUP AND INSTALLATION

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

3.1 Pre-Installation Check

- Confirm vehicle compatibility.
- Ensure all package contents are present.
- Obtain your vehicle's radio wiring diagram (pinout) for accurate connections.

3.2 Wiring Diagram

Refer to the detailed wiring diagrams provided. Connect each cable according to its label and function. Pay close attention to power, speaker, and accessory connections.



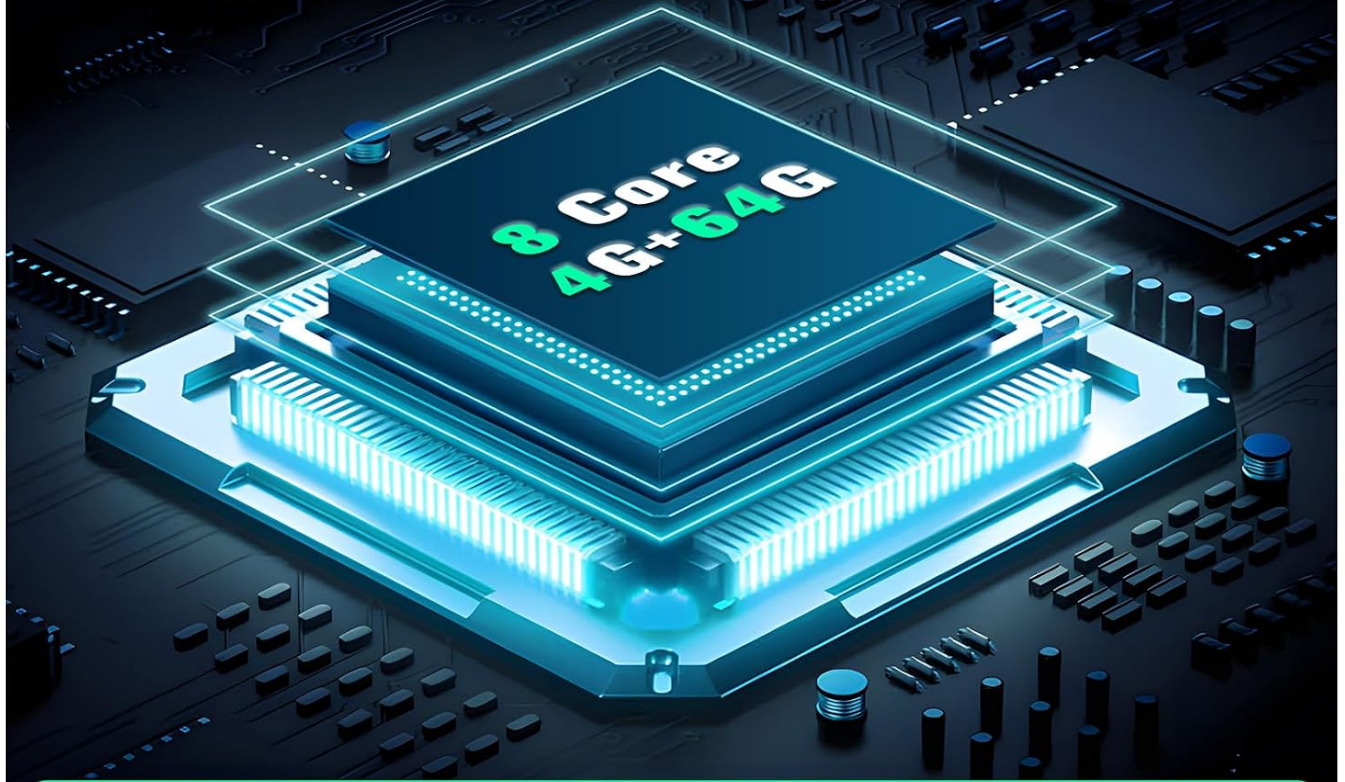
Image: Comprehensive wiring diagrams for connecting the car stereo to the vehicle's electrical system.

3.3 General Installation Steps

1. **Remove Old Unit:** Carefully remove the existing car stereo from your vehicle's dashboard.
2. **Connect Wiring Harness:** Connect the provided wiring harness to the new stereo and then to your vehicle's factory harness. Ensure all connections are secure.
3. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
4. **Backup Camera:** Install the backup camera at the rear of the vehicle and route its cable to the head unit. Connect the camera's power to the reverse light circuit and the video signal to the 'Rear Camera Input' on the stereo.
5. **Microphone:** Connect the external microphone for improved call quality and place it in an optimal position (e.g., near the sun visor).
6. **Test Connections:** Before fully reassembling the dashboard, temporarily connect the battery and power on the unit to test basic functions (power, audio, display, camera).
7. **Secure Unit:** Mount the new stereo securely into the dashboard opening using the provided brackets.
8. **Reassemble:** Reinstall any removed trim panels and dashboard components.

Ultimate in-car Sound & 8 Core

Upgraded CPU, 8core, 4GB RAM+64GB ROM, powerful radio chip.



Built-in DSP amplifier, support custom surround sound & preset 32 band EQ effercts.

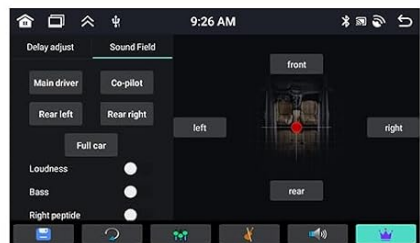
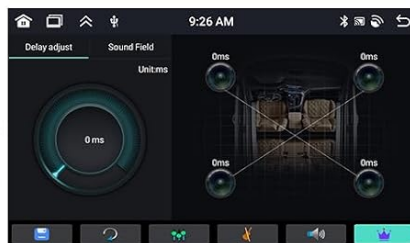


Image: Example of a vehicle's dashboard before the installation of the new car stereo.



For Chevy	Silverado	2003-2006
	Silverado Classic Models ONLY	2007
	SSR	2003-2006
	Colorado	2004-2012
	Corvette	2005-2009
	Avalanche	2003-2006
	Blazer	2002-2005
	Express	2001-2002
	Impala	2000-2005
	Malibu	2000-2003
	Malibu Classic Models ONLY	2004-2005
	Monte Carlo	2000-2005
	Suburban	2003-2006
	Tahoe	2003-2006
For Isuzu	Trailblazer	2002-2009
	Uplander	2005-2008
For Oldsmobile	Venture	2000-2005
	Ascender	2003-2008
	Alero	2001-2004
	Bravada	2002-2004
	Silhouette	2000-2004

For GMC	Canyon	2004-2012
	Envoy	2002-2009
	Savana	2003-2007
	Siera	2003-2007
	Yukon	2003-2006
For Hummer	H2	2003-2007
	H3	2005-2010
	H3T	2009-2010
	SUT	2003-2007
For Saturn	Relay	2005-2007
For Pontiac	Aztek	2001-2005
	Grand Am	2001-2004
	Montana	2000-2004
	Montana SV6	2005-2006
	Sunfre	2000-2005
For Buick	Torrent	2006
	Lacrosse	2005-2009
	Ranier	2004-2007
	Rendezvous	2006
For Cadillac	Terraza	2005-2007
	Escalade ESV/EXT	2004-2006

Image: Example of a vehicle's dashboard after the successful installation of the new car stereo.

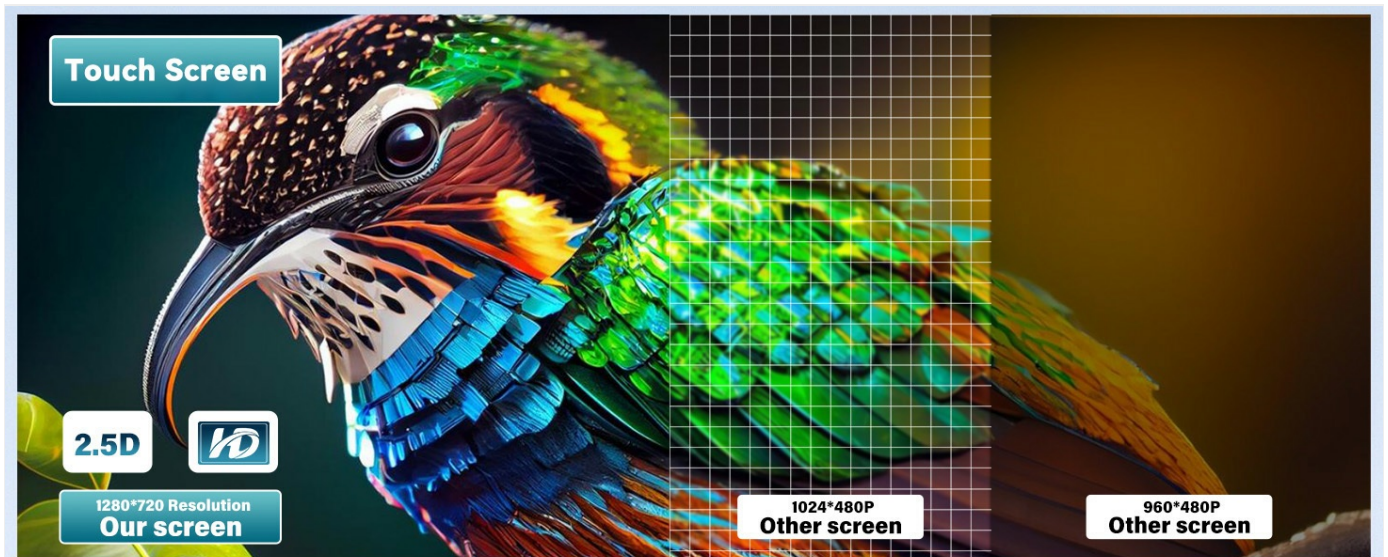


Image: Multiple examples of the car stereo installed in different compatible vehicle dashboards.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Basic Navigation

- **Power On:** Turn the vehicle's ignition to the ACC or ON position. The stereo should power on automatically.
- **Power Off:** Turn the vehicle's ignition to the OFF position. The stereo will power off.
- **Touchscreen:** Navigate the interface by tapping, swiping, and dragging on the 7-inch touchscreen.
- **Home Button:** Press the physical HOME button or the on-screen home icon to return to the main menu.

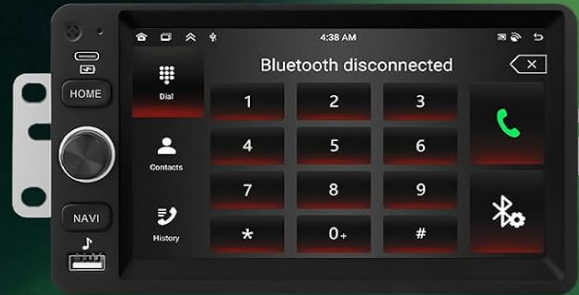
4.2 Wireless Apple CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, music, calls, and other apps directly on the stereo display.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, open the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone via Bluetooth. Once paired, the system will establish a Wi-Fi connection for CarPlay/Android Auto functionality.

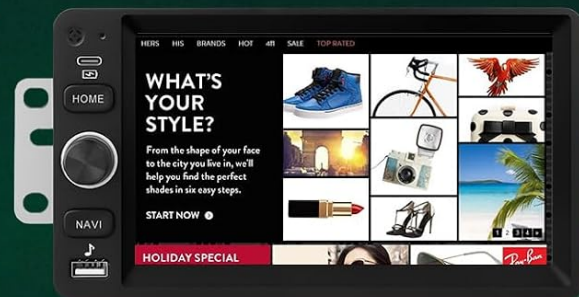
Advanced Bluetooth 5.0

Voice assistant, making hands-free calls



WiFi- Connection

Connect WiFi hotspot to access the internet, multiple enjoyable



GPS Navigation

Support online & offline map, upgrade accurate GPS receiver



Image: Display showing Apple CarPlay, Android Auto, and Mirror Link interfaces on the car stereo.

4.3 Mirror Link

Mirror Link allows you to display your phone's screen directly onto the car stereo. This feature supports both Android and iOS phones (excluding some Samsung models).

1. Open the Mirror Link application on the car stereo.
2. Follow the specific instructions for your phone's operating system (Android/iOS) to establish the connection, typically involving a USB cable or Wi-Fi.

4.4 GPS Navigation

The unit comes with pre-installed offline maps. You can also use online navigation by connecting to Wi-Fi.

1. **Offline Maps:** Access the pre-installed navigation app (e.g., Here WeGo). Ensure the GPS antenna is properly connected for accurate positioning.
2. **Online Maps:** Connect the stereo to a Wi-Fi hotspot (e.g., from your phone). Download additional maps or use real-

time traffic data through compatible navigation apps.

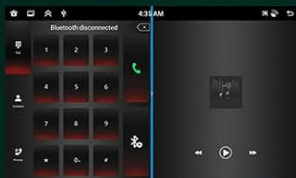
FM/RDS Radio

Support three search method, 18 preset stations: news, music, broadcast etc.



Split Screen

Display two apps at the same time, more convenient



DSP/EQ Settings

Support to adjust multiple customizable EQ effect

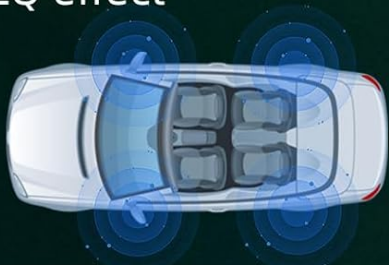


Image: Combined view of Bluetooth 5.0 for hands-free calls, Wi-Fi connection for internet access, and GPS navigation with online/offline map options.

4.5 Bluetooth 5.0

Connect your phone via Bluetooth for hands-free calling and audio streaming.

1. Enable Bluetooth on your smartphone and the car stereo.
2. Search for available devices on your phone and select the stereo's Bluetooth name.
3. Confirm the pairing code if prompted.
4. Once connected, you can make/receive calls and play music through the stereo.

4.6 Wi-Fi Connection

Connect to a Wi-Fi hotspot to access online features, download apps, and browse the internet.

1. Go to 'Settings' on the stereo and select 'Wi-Fi'.
2. Turn on Wi-Fi and select your desired network from the list.
3. Enter the password if required and connect.

4.7 FM/RDS Radio

Listen to your favorite radio stations with FM and RDS support.

1. Open the 'Radio' application.
2. Use the scan function to automatically find and save stations, or manually tune to a frequency.
3. Preset up to 18 stations for quick access.

Clear Reversing Camera



Support Steering Wheel Control



Image: Combined view of FM/RDS radio interface, split-screen functionality, and DSP/EQ audio adjustment settings.

4.8 DSP 32-band EQ Settings

Customize your audio experience with the built-in Digital Sound Processor (DSP) and 32-band Equalizer (EQ).

1. Access the 'DSP' or 'EQ' settings from the main menu or audio settings.

2. Adjust individual frequency bands to tailor the sound output to your preference.
3. Utilize preset sound modes or create your own custom profiles.

CarPlay & Android Auto & Mirror Link



Image: Illustration of the 8-core CPU architecture and detailed DSP/EQ settings for audio customization.

4.9 Split Screen Function

Run two applications simultaneously on the screen for enhanced multitasking.

1. Open the first application you wish to use.
2. Long-press the recent apps button or swipe from the bottom/side (depending on UI) to activate split-screen mode.
3. Select the second application to display alongside the first.

4.10 AHD Backup Camera

When the vehicle is shifted into reverse gear, the stereo will automatically display the view from the connected AHD backup camera.

- Ensure the backup camera is correctly installed and wired to the reverse light trigger.

- The camera provides a wide viewing angle and night vision for safer parking.

Package List



 Power Cable	 Power Cable	 RCA Cable	 Rear Camera Input Cable	 Camera
 GPS Antenna	 Canbus	 USB Cable	 Small Horn	 Camera cable
 Antenna Adapter	 Radio Antenna	 User Manual	 MIC	 Camera cable

Image: Display showing the clear reversing camera view with guidelines and the interface for programming steering wheel controls.

4.11 Steering Wheel Control (SWC)

Program your vehicle's steering wheel buttons to control the stereo's functions.

1. Go to 'Settings' and find the 'Steering Wheel Control' or 'SWC Learning' section.
2. Follow the on-screen instructions to assign functions (e.g., volume up/down, track skip, mode change) to your steering wheel buttons.

4.12 UI Theme Customization

The stereo supports 59 UI theme settings, allowing you to personalize the interface appearance.

1. Navigate to 'Settings' and locate the 'UI Theme' or 'Wallpaper' option.
2. Browse through the available themes and select your preferred design.

5. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth, slightly dampened with water or a screen cleaner, to gently wipe the touchscreen. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect performance and lifespan.
- **Secure Connections:** Ensure all cables and connections remain secure. Loose connections can lead to intermittent issues.

6. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting steps. If the problem persists, contact customer support.

6.1 No Power

- **Check Fuses:** Inspect the vehicle's fuse box and the stereo's inline fuse for any blown fuses.
- **Wiring:** Verify that the power (yellow), accessory (red), and ground (black) wires are correctly connected and receiving power. Some vehicles may require a custom IGN wire connection if not present in the factory harness.
- **Battery:** Ensure the vehicle's battery is charged and properly connected.

6.2 No Sound

- **Volume Level:** Check that the volume is not muted or set to a very low level.
- **Speaker Wiring:** Confirm that all speaker wires are correctly connected to the stereo and not shorted.
- **Bose Sound System:** If your vehicle has a Bose sound system, the standard harness may not be compatible. A separate harness behind the climate control might be required, or an adapter for the Bose amplifier.
- **Audio Output Mode:** Ensure the correct audio output mode is selected in the settings.

6.3 Steering Wheel Controls Not Working

- **Wiring:** Verify that the SWC wires (Key1, Key2) are correctly connected to the vehicle's harness.
- **Learning Function:** Ensure you have performed the 'Steering Wheel Control Learning' procedure in the stereo's settings.
- **CANBUS Settings:** If your vehicle uses a CANBUS system, check the CANBUS settings in the factory menu (password often 1234) to ensure the correct vehicle model and CANBUS speed options are selected.

6.4 Backup Camera Not Displaying

- **Camera Power:** Ensure the backup camera is receiving power, typically from the reverse light circuit.
- **Video Input:** Verify the camera's video output is connected to the correct 'Rear Camera Input' on the stereo.
- **Reverse Trigger:** Check that the reverse trigger wire (often labeled 'BACK' or 'REVERSE') from the stereo is connected to the vehicle's reverse light signal.

6.5 CarPlay/Android Auto Connection Issues

- **Bluetooth/Wi-Fi:** Ensure both Bluetooth and Wi-Fi are enabled on your phone and the stereo.
- **Phone Compatibility:** Confirm your smartphone is compatible with wireless CarPlay/Android Auto.
- **Re-pair:** Try deleting the existing Bluetooth pairing on both devices and re-pairing.

7. SPECIFICATIONS

Item Weight	2.55 pounds
Package Dimensions	12.84 x 10.36 x 4.17 inches
Display Size	7 Inches
Screen Resolution	1280x720 (IPS HD)
Operating System	Android
Memory Storage Capacity	64 GB
RAM	4 GB
Processor	8 Core
Connectivity Technology	Bluetooth, Wi-Fi
Bluetooth Version	5.0
Audio Output Mode	Stereo
Map Type	North America, Worldwide (offline maps pre-installed)
Special Features	AHD Backup Camera, Bluetooth, FM/RDS Radio, CarPlay and Android Auto, Mirror Link, DSP Audio, Steering Wheel Control

8. WARRANTY AND SUPPORT

8.1 Product Warranty

This UNITOPSCI car stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact UNITOPSCI customer support:

- **Email:** UNITOPSCI@126.com

Please provide your product model number and a detailed description of the issue when contacting support to ensure a prompt and effective resolution.

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