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podofo 8 Core 4G+64G Car Radio

podofo 8 Core 4G+64G Car Radio User Manual

For Toyota Camry 2000-2006

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your new podofo 8 Core 4G+64G Car Radio. Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience.

2. PRODUCT COMPATIBILITY

This car stereo head unit is designed to fit Toyota Camry models manufactured between 2000 and 2006. Before purchasing and installation, carefully check the shape of your car's center console to ensure compatibility. Some models may have different console configurations.

CAR MODELS Attention

Before purchasing, please select the product based on your original car's central control panel.
This product only supports Option A. If you require Option B, please contact our customer service for suitable recommendations.

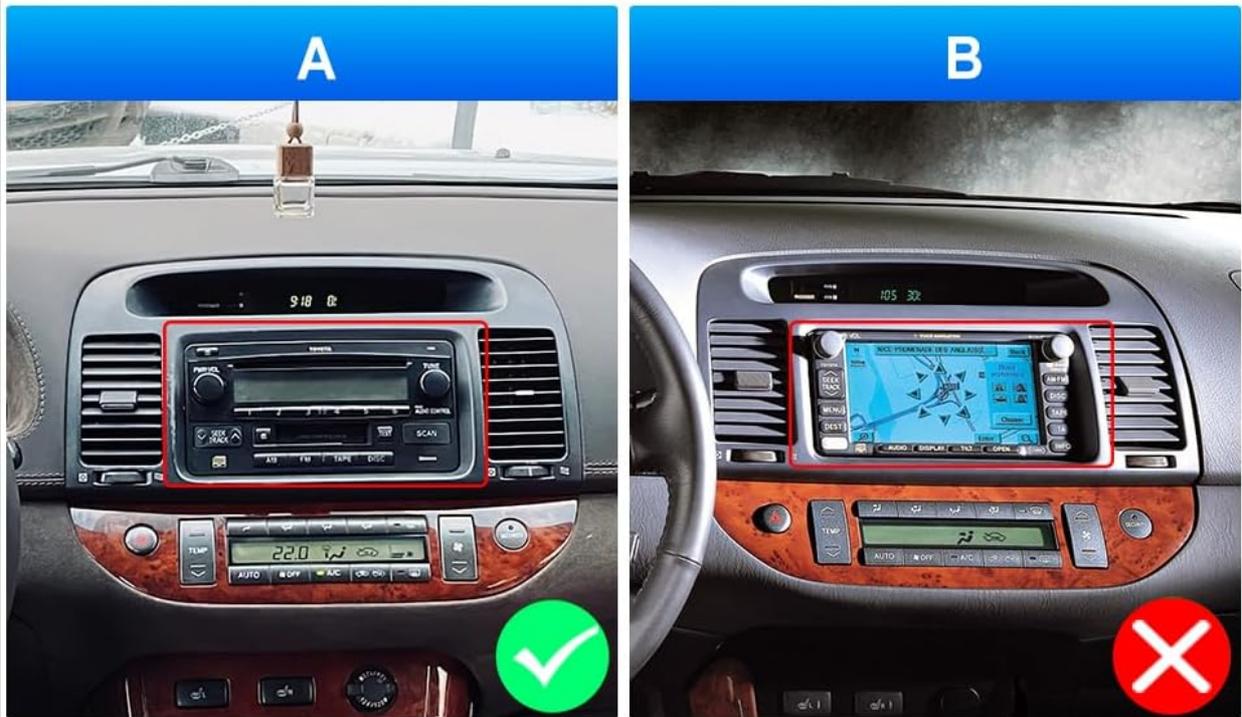


Figure 2.1: Comparison of compatible (A) and incompatible (B) central control panels for Toyota Camry 2000-2006. This product supports Option A.

If your vehicle's central control panel matches Option B, please contact customer support for suitable recommendations.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- podofu 8 Core 4G+64G Car Radio Unit
- Power Cable
- RCA Input/Output Cables
- Rear Camera Cable
- USB Cables (2)
- GPS Antenna
- External Microphone
- Backup Camera
- Installation Tool
- Radio Antenna
- User Manual (this document)

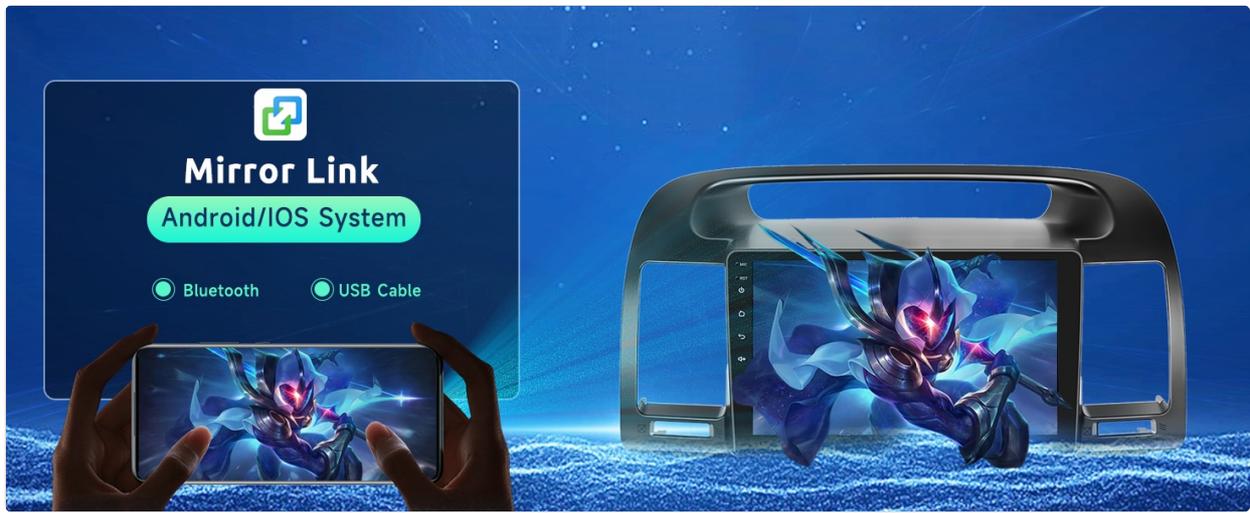


Figure 3.1: Complete package contents.

4. KEY FEATURES

- **Advanced Android System:** Equipped with the latest Android 13.0, an 8-Core CPU, 4GB RAM, and 64GB ROM for fast and smooth operation.
- **9-inch IPS Touchscreen:** Features a 1280*720 ultra-high resolution display with a 178° viewing angle, supporting split-screen functionality and customizable UI themes.
- **Wireless Apple CarPlay & Android Auto:** Seamlessly integrates with your smartphone for navigation, music, calls, and voice control, supporting both wired and wireless connections.
- **Bluetooth 5.0 & DSP Audio:** Provides stable and fast Bluetooth connectivity for hands-free calling and wireless audio streaming. The built-in 32-band DSP (Digital Sound Processor) offers precise sound adjustments, noise suppression, and enhanced audio clarity for an immersive music experience.
- **WiFi & GPS Navigation:** Integrated GPS supports offline navigation. Connect to WiFi to access online maps, download apps, and browse the internet directly on the touchscreen.
- **Steering Wheel Control (SWC):** Compatible with your vehicle's steering wheel buttons for safe control of calls, music playback, and mode switching.
- **HD Rear Camera:** Includes an HD night vision rearview camera with a 170-degree ultra-wide viewing angle and waterproof design for safer and easier parking.

5. INSTALLATION GUIDE

The podofu car radio comes with a plug-and-play wiring harness for simplified installation. However, professional installation is recommended.

5.1 Pre-Installation Check

1. Ensure the vehicle's ignition is off and the battery is disconnected before starting.
2. Confirm the car radio unit and all accessories are present as per the package contents.
3. Verify the shape of your car's central console matches the compatible design (Option A) shown in Section 2.

5.2 General Installation Steps

1. Carefully remove the original car radio unit and trim panels from your Toyota Camry. Refer to your vehicle's service manual for specific instructions on panel removal.

2. Connect the provided wiring harness to the car radio unit and then to your vehicle's existing wiring. Ensure all connections are secure.
3. Connect the GPS antenna, external microphone, and radio antenna to their respective ports on the car radio unit. Position the GPS antenna in a location with a clear view of the sky (e.g., on the dashboard).
4. If installing the backup camera, route the camera cable from the rear of the vehicle to the car radio unit. Refer to Section 6 for detailed reverse camera wiring.
5. Carefully slide the new podofu car radio unit into the dashboard opening. Secure it using the appropriate mounting brackets and screws.
6. Reinstall all trim panels and reconnect the vehicle's battery.
7. Turn on the ignition and test all functions of the car radio.



Figure 5.1: Before and After Installation in a Toyota Camry 2000-2006.

6. REVERSE CAMERA WIRING

Proper connection of the backup camera is essential for its functionality. Follow these steps for wiring:

1. Connect the backup camera's video output cable (1) to the car radio's reversing camera input (2).
2. Connect the trigger wire on the video cable (3) to the car's reversing light positive wire (4).

3. Connect the camera's power cable positive (+) to the car's reversing light positive wire (4).
4. Connect the camera's power cable negative (-) to the car's reversing light negative wire (5).

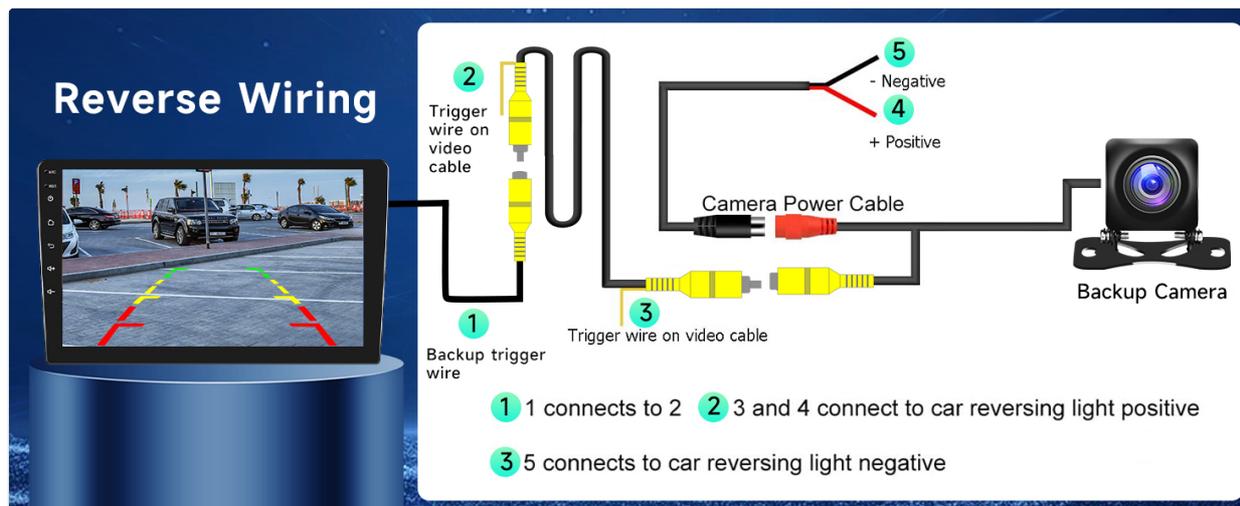


Figure 6.1: Reverse Camera Wiring Diagram.

Ensure all connections are insulated and secure to prevent short circuits or signal loss.

7. OPERATING INSTRUCTIONS

7.1 Wireless Apple CarPlay & Android Auto

To use Wireless Apple CarPlay or Android Auto:

1. Ensure your smartphone's Bluetooth and Wi-Fi are enabled.
2. On the car radio, navigate to the CarPlay/Android Auto application.
3. Pair your phone with the car radio via Bluetooth. Once paired, the system will automatically establish a Wi-Fi connection for CarPlay/Android Auto.
4. Follow any on-screen prompts on both your phone and the car radio to complete the setup.

Figure 7.1: Wireless CarPlay and Android Auto Interface.

7.2 GPS Navigation

The unit supports both offline and online navigation.

- **Offline Maps:** Pre-installed maps allow navigation without an internet connection. Ensure the GPS antenna is properly connected and positioned.
- **Online Maps:** Connect the unit to a Wi-Fi network (e.g., your phone's hotspot) to use online navigation apps like Google Maps, Waze, etc. You can download additional navigation apps from the app store.

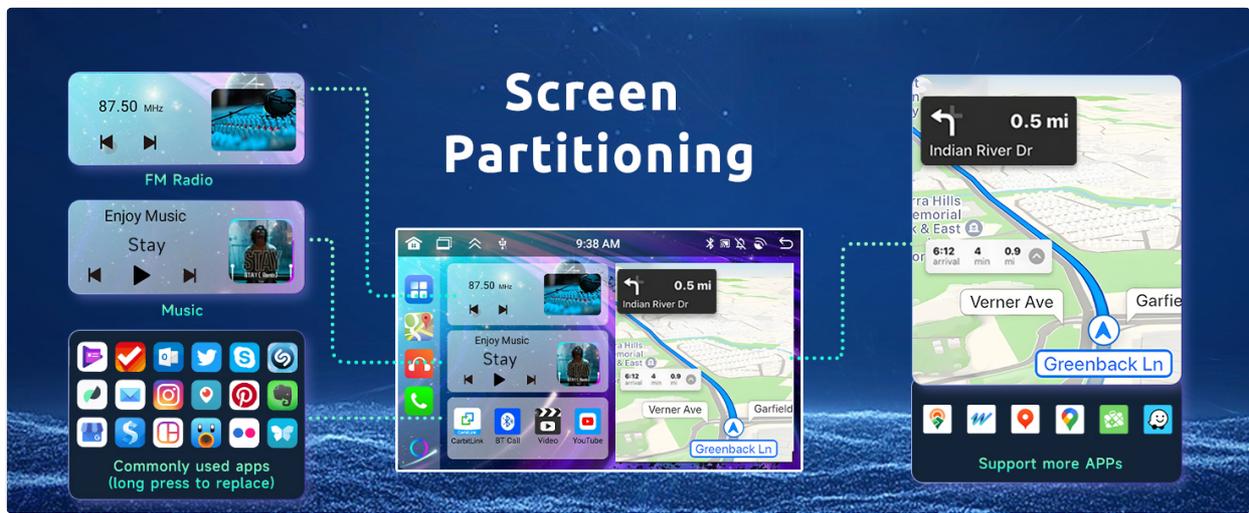


Figure 7.2: GPS Navigation and WiFi Connection.

7.3 Bluetooth Functionality

To pair your phone via Bluetooth:

1. Go to the Bluetooth settings on the car radio.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select the car radio's Bluetooth name (e.g., "podofu CarBT") from your phone's list and confirm pairing.
4. Once connected, you can make/receive hands-free calls and stream audio.



Figure 7.3: Bluetooth and FM/RDS Radio Interfaces.

7.4 FM/RDS Radio

Access the FM/RDS Radio application from the main menu. You can manually tune frequencies or use the auto-scan function to find and save stations. RDS (Radio Data System) displays station information where available.

7.5 DSP (Digital Sound Processor) Settings

The 32-band DSP allows for detailed audio customization. Navigate to the 'Sound Settings' or 'DSP' menu. Here you can adjust:

- Equalizer (EQ) presets or custom settings.
- Balance and Fader.
- Subwoofer output.

- Time alignment for optimal sound staging.

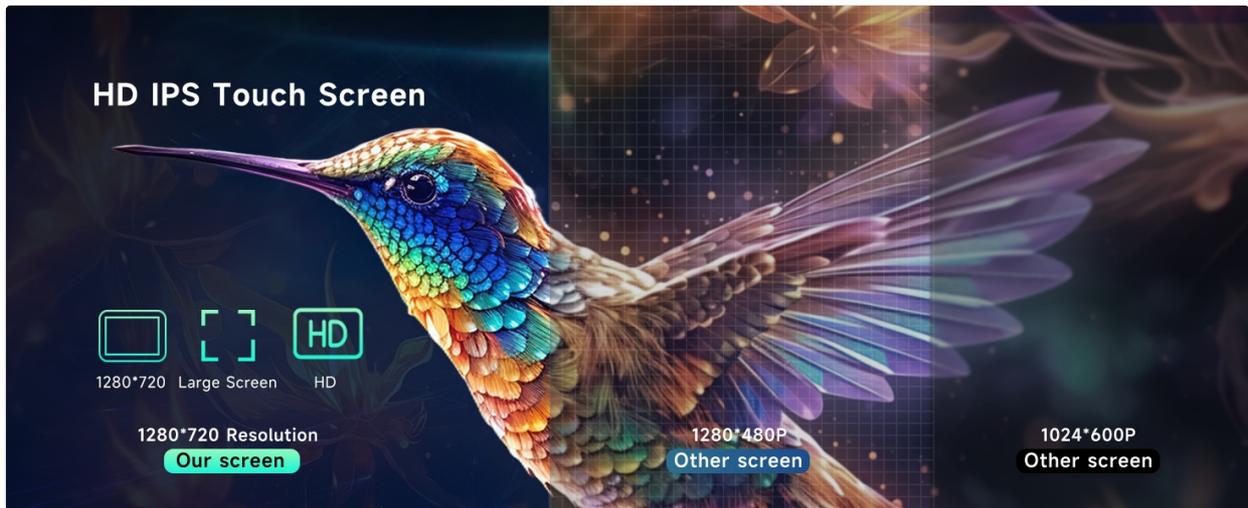


Figure 7.4: 32EQ Adjustment and DSP Interface.

7.6 Steering Wheel Control (SWC)

To configure steering wheel controls:

1. Go to 'Settings' and find the 'Steering Wheel Control' or 'SWC Learning' option.
2. Follow the on-screen instructions to map your vehicle's steering wheel buttons to specific functions on the car radio (e.g., volume up/down, track skip, answer call).

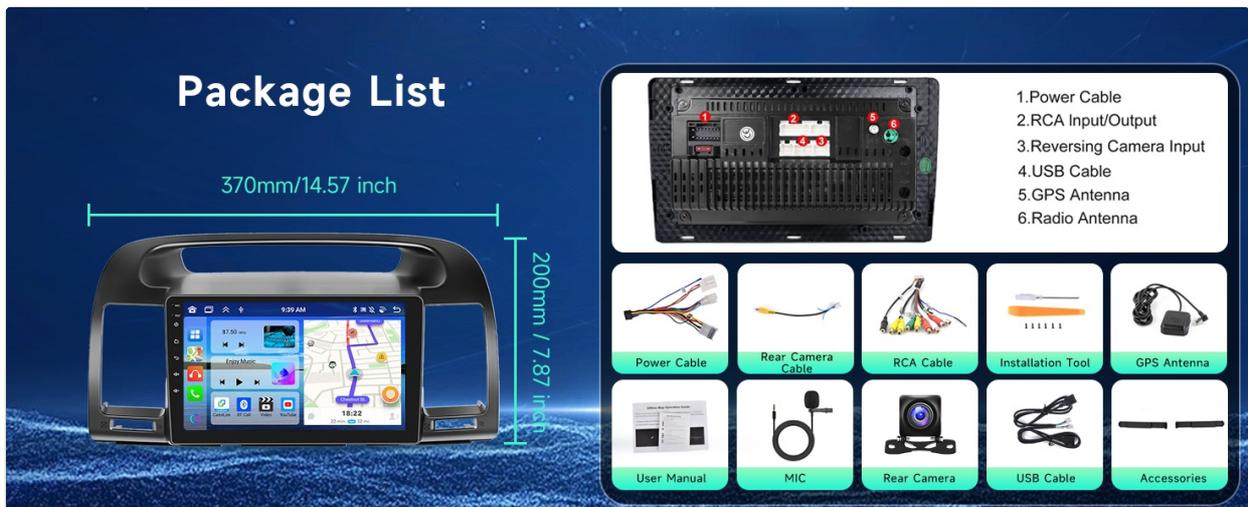


Figure 7.5: Steering Wheel Control Setup.

7.7 Voice Control

The unit supports voice commands for various functions. Activate voice control by saying "Hey Podofu" or by tapping the voice assistant icon on the screen. You can then issue commands such as:

- "Play [song name]"
- "Call [contact name]"
- "Navigate to [destination]"
- "Open [app name]"

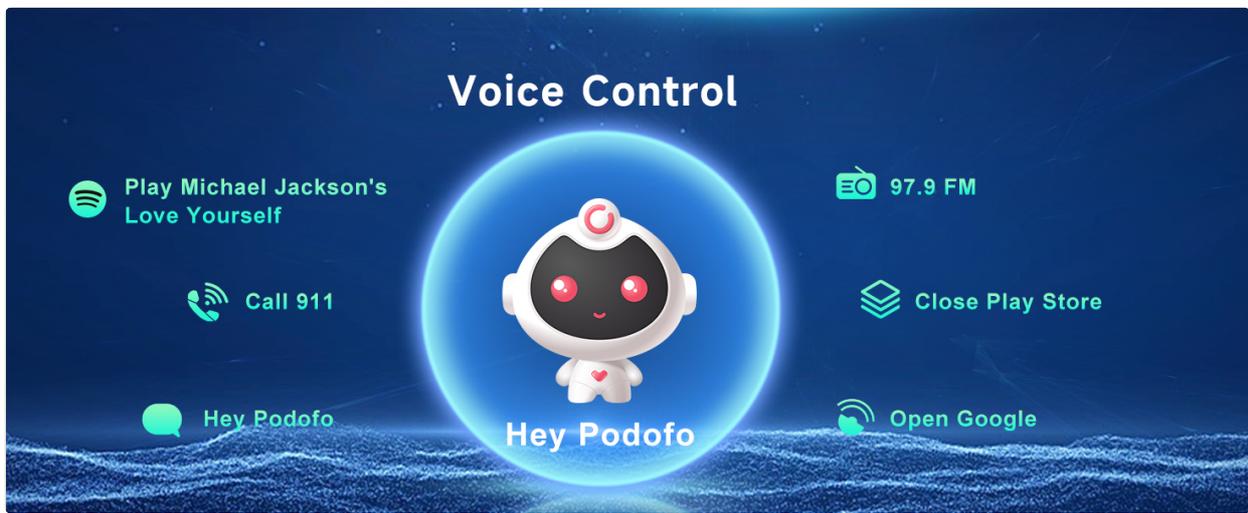


Figure 7.6: Voice Control Functionality.

7.8 Split Screen

The split-screen feature allows you to run two applications simultaneously. For example, you can have navigation on one side and music playback on the other. To activate:

1. Open the first application.
2. Long-press the recent apps button or follow the specific gesture for split-screen mode (may vary slightly by UI theme).
3. Select the second application to display on the other half of the screen.



Figure 7.7: Screen Partitioning (Split Screen).

7.9 Mirror Link

Mirror Link allows you to display your smartphone's screen directly onto the car radio's display. This feature supports both Android and iOS systems via Bluetooth or USB cable.



Figure 7.8: Mirror Link for Android/iOS Systems.

8. SPECIFICATIONS

Feature	Specification
Operating System	Android 13.0
CPU	8-Core
RAM	4GB
ROM	64GB
Display Size	9 Inches
Resolution	1280 x 720 IPS HD
Connectivity Technology	Bluetooth 5.0, WiFi, USB, CarPlay, Android Auto
Special Features	8-Core, GPS, Wireless Android Auto, Wireless CarPlay, DSP, Split Screen, Mirror Link, Steering Wheel Control
Map Type	Road, Satellite (Offline/Online)
Audio Output Mode	APE/FLAC/WAV/MP3/WMA, etc.
Mounting Type	Dashboard Mount
Item Weight	6.6 pounds
Product Dimensions	9 x 9 x 9 inches

9. TROUBLESHOOTING

If you encounter issues with your podofu car radio, refer to the following common problems and solutions:

- **No Power:**
 - Check all power connections and fuses. Ensure the wiring harness is correctly connected.
 - Verify the vehicle's battery is charged and properly connected.

- **No Sound:**

- Check speaker wiring connections.
- Ensure the volume is not muted or set to minimum.
- Verify DSP settings are not configured to output no sound.

- **Bluetooth Connectivity Issues:**

- Ensure Bluetooth is enabled on both the car radio and your smartphone.
- Delete previous pairings on both devices and attempt to re-pair.
- Move your phone closer to the car radio.

- **GPS Signal Loss:**

- Ensure the GPS antenna is securely connected and placed in an open area with a clear view of the sky.
- Check for any obstructions that might block the signal.

- **Backup Camera Not Displaying:**

- Verify all camera wiring, especially the trigger wire, is correctly connected as per Section 6.
- Ensure the camera itself is receiving power.
- Check camera settings in the car radio menu.

- **Steering Wheel Controls Not Working:**

- Ensure the SWC wires are correctly connected to the vehicle's wiring harness.
- Perform the SWC learning process again as described in Section 7.6.

For persistent issues or problems not listed here, please contact podofu professional technical support.

10. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior surfaces. 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 available software updates through the unit's settings menu or the official podofu website. Keeping the software updated can improve performance and add new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Wiring Checks:** Occasionally inspect visible wiring for any signs of wear, damage, or loose connections.

11. WARRANTY AND SUPPORT

Your podofu 8 Core 4G+64G Car Radio is covered by a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.



Figure 11.1: 2-Year Warranty.

For any concerns, including installation assistance, operational questions, or warranty claims, please reach out to podof's professional technical support team directly via Amazon or through the contact information provided on the official podof website.



Figure 11.2: Contact support for compatibility checks.

When contacting support, please provide your product model number (B0CTY69BF5), purchase date, and a detailed description of the issue.