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> User Manual for podofa Android Car Stereo for Toyota Camry 2006-2011

## podofa US-3243

# User Manual: podofa Android Car Stereo

Model: US-3243 | For Toyota Camry 2006-2011

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your new podofa Android Car Stereo. Designed specifically for Toyota Camry models from 2006 to 2011, this 9-inch HD touch screen unit offers advanced features including GPS navigation, Bluetooth connectivity, Wi-Fi, Mirror Link, and support for a rear view camera. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

## 2. SAFETY INFORMATION

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical short circuits.
- Professional installation is recommended for optimal safety and performance.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only specified power cables and accessories to prevent damage or fire.

## 3. PACKAGE CONTENTS

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



**Main Unit:** 9-inch Android Car Stereo (Model US-3243)

**Power Cable:** For connecting the stereo to the vehicle's power system.

**RCA Cable:** For audio/video input/output connections.

**Rear Camera Input Cable:** Dedicated cable for the backup camera.

**USB Cables (x2):** For connecting USB devices and mirror link.

**GPS Antenna:** For navigation functionality.

**Backup Camera:** Included for rear view assistance.

**Microphone:** For hands-free calling.

**Installation Tools/Parts:** Brackets and screws for mounting.

**User Manual:** This instruction guide.

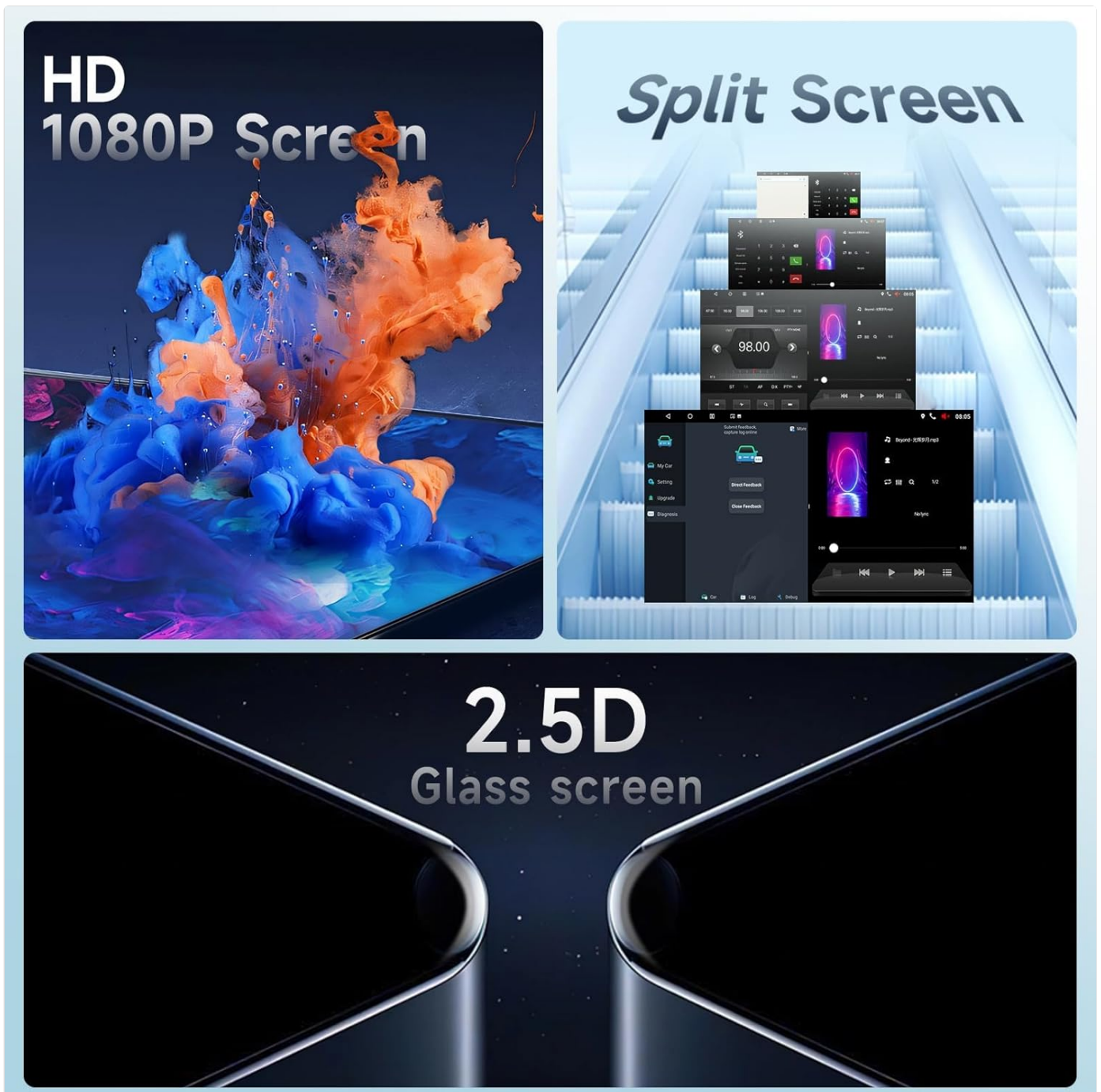
## 4. PRODUCT OVERVIEW

The podofu Android Car Stereo is designed to seamlessly integrate into your Toyota Camry, providing a modern infotainment experience. It features a responsive 9-inch HD touchscreen and runs on the Android operating system, offering a wide range of functionalities.



Figure 4.1: podofu Android Car Stereo and Included Accessories.

This image displays the main unit of the car stereo, showcasing its large touchscreen interface with various application icons. Below the main unit, a hand holds a smartphone demonstrating the Mirror Link feature, indicating screen mirroring capabilities. To the right, essential wiring harnesses are shown, highlighting the plug-and-play design. A detailed view of the included backup camera is also presented, emphasizing its wide-angle and night vision features.



*Figure 4.2: High-Definition Display and Split Screen Feature.*

This visual highlights the high-definition capabilities of the 9-inch screen, capable of displaying 1080P content with vivid colors. It also illustrates the convenient split-screen function, allowing users to run two applications simultaneously, such as navigation and music. The image further emphasizes the premium 2.5D curved glass screen, providing a sleek aesthetic and smooth touch experience.

## 5. SETUP AND INSTALLATION

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The podofu car stereo is designed for a plug-and-play installation in Toyota Camry models from 2006 to 2011. However, specific wiring considerations apply based on your vehicle's original audio system.

### 5.1 Vehicle Compatibility

This head unit is specifically designed for Toyota Camry 2006-2011. No additional frame is needed, and a dedicated wiring harness is included for a straightforward installation.



Figure 5.1: Before and After Installation.

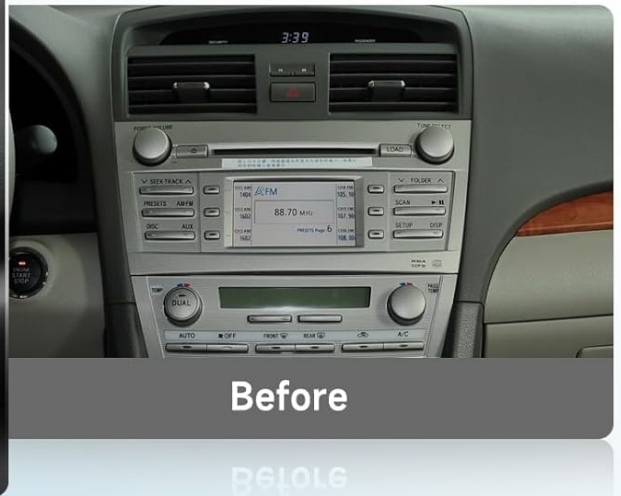
This image provides a clear visual comparison of the vehicle's dashboard before and after the installation of the podofu Android Car Stereo. The "Before" image shows the original factory radio, while the "After Installation" image displays the new 9-inch touchscreen unit seamlessly integrated into the dashboard, highlighting the perfect fit and aesthetic upgrade.

## 5.2 JBL Sound System / Navigation Compatibility

**Important:** If your Toyota Camry is equipped with a JBL sound system or a large-screen navigation function, you may require an additional wiring harness. The standard harness included is for non-JBL systems. Please check the back panel of your original radio for 20-pin connectors as shown in the figures below.

# Installation

Kind Reminder: The car stereo can not work for a car with a JBL sound system if yes, please let us know before purchasing, you need extra Wiring Harness.



❌ Original with JBL



❌ Original with JBL  
Original with Navigation

Figure 5.2: JBL System and Navigation Compatibility Check.

This image illustrates the importance of checking your vehicle's original audio system. It shows a comparison of the dashboard before and after installation. Crucially, it highlights examples of original radios with JBL branding or built-in navigation, indicating that these configurations require a specific additional wiring harness for proper functionality with the new stereo. Users should verify their car's system to ensure compatibility.

If your car with J-BL or has a large-screen navigation function, and the back panel features two 20-pin connectors, please click to purchase this wiring harness.

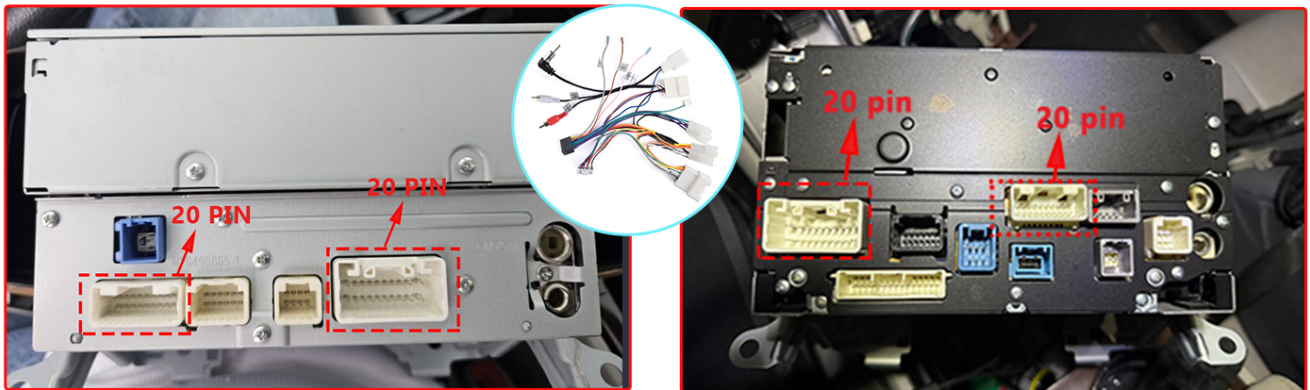


Figure 5.3: Identifying 20-Pin Connectors for JBL/Navigation Systems.

This image provides a visual guide for identifying the specific 20-pin connectors on the back panel of your original car stereo. If your vehicle has a JBL sound system or a large-screen navigation unit, its back panel will feature these connectors, signaling the requirement for a specialized wiring harness to ensure proper integration with the podofu Android Car Stereo.



If your car with J-BL or has a large-screen navigation function, and the back panel looks like the one shown in the picture, please click to purchase this wiring harness



Figure 5.4: Various Wiring Harness Configurations.

This composite image displays several different back panel configurations of car stereo units, each with distinct wiring setups. It serves as a comprehensive reference for users to compare with their vehicle's existing wiring, ensuring they select or confirm the correct wiring harness for a successful and compatible installation of the podofu Android Car Stereo.

### 5.3 Backup Camera Wiring

The included backup camera requires specific wiring for proper operation. Follow the diagram below:

## Camera wiring

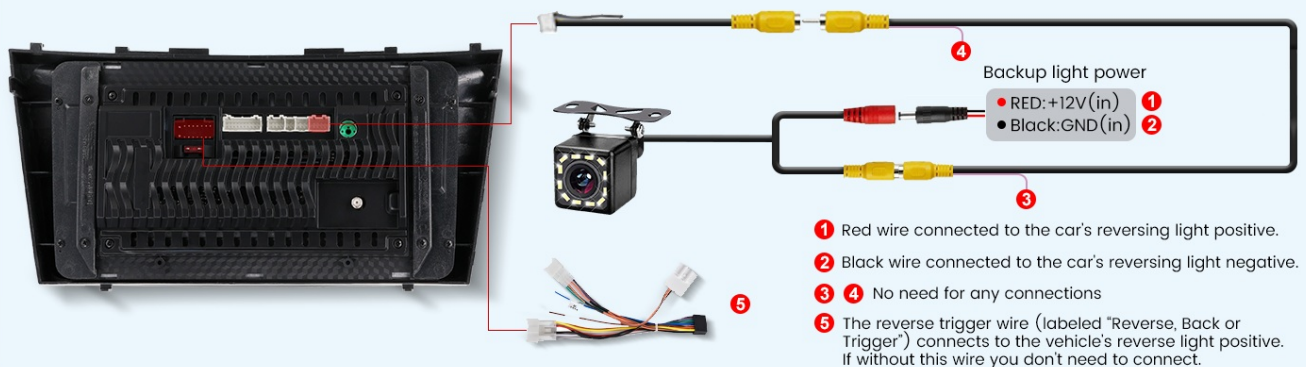


Figure 5.5: Backup Camera Wiring Diagram.

This diagram provides a clear visual guide for connecting the backup camera. It shows the camera's power wires (red for +12V, black for GND) connecting to the vehicle's reversing light. The yellow RCA video cable connects from the camera to the stereo's "Rear Camera IN" port. A crucial "Reverse, Back or Trigger" wire from the stereo needs to be connected to the vehicle's reverse light positive for automatic camera activation when shifting into reverse.

## 6. OPERATING INSTRUCTIONS

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Your podofu Android Car Stereo offers a variety of functions to enhance your driving experience. Navigate through the features using the intuitive touch screen interface.

### 6.1 Touch Screen Operation

The 9-inch capacitive touch screen allows for smooth interaction with the system. Tap icons to open applications, swipe to navigate menus, and use pinch-to-zoom gestures where applicable (e.g., in navigation apps).

### 6.2 Mirror Link (Phone Connectivity)

Mirror Link allows you to display your smartphone's screen directly on the car stereo. This feature supports both Android and iOS devices.

- **Android Phone:** Connect via USB cable for interaction control (two-way control).
- **iOS Phone:** Connect via Wi-Fi for mirroring (one-way display, cannot be controlled from the stereo screen).

# Mirror Link

This car radio offers iOS and Android mirror link, you can play youtube, Tiotok, etc. videos on the large screen.



*Figure 6.1: Mirror Link Functionality.*

This image visually demonstrates the Mirror Link feature, where a smartphone's display is mirrored onto the larger screen of the car stereo. It highlights compatibility with both Android and iOS devices and indicates the connection methods: Wi-Fi for iOS and USB for Android, allowing users to enjoy content like YouTube or TikTok on the car's display.



Figure 6.2: Mirror Link for iOS and Android.

This graphic further details the Mirror Link capability, showing how both iOS and Android smartphones can connect to the car stereo. It explicitly states that both wireless and wired options are available, providing flexibility for users to project their phone's screen onto the car's display for various applications.

### 6.3 GPS Navigation

The unit comes with a built-in navigation module and free North American maps. It supports both online and offline navigation.

- **Online Navigation:** Requires Wi-Fi connection to download real-time traffic data and map updates.
- **Offline Navigation:** Pre-loaded maps allow navigation without an internet connection.

# Newest Android 13



Figure 6.3: Android 13 Interface with GPS and Wi-Fi.

This image showcases the car stereo's interface running on Android 13, featuring the Google Play Store for app downloads. It distinctly highlights the Wi-Fi connection capability, allowing access to online content and apps, and the GPS Navigation feature, indicating built-in mapping functionalities for seamless travel guidance.

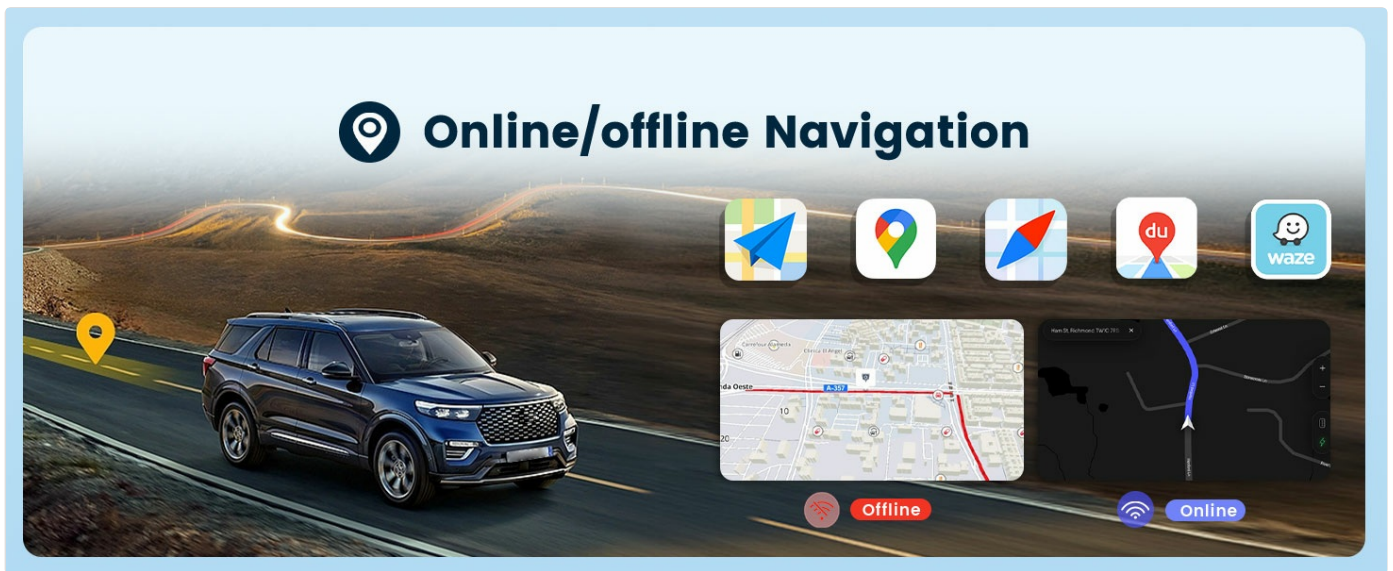


Figure 6.4: Online/Offline Navigation.

This visual emphasizes the versatility of the navigation system, supporting both online and offline modes. It displays popular navigation app icons like Google Maps and Waze, suggesting compatibility with various mapping services. The distinction between online (requiring internet for real-time data) and offline (using pre-downloaded maps) ensures reliable navigation even without network access.

## 6.4 Bluetooth Connectivity

The built-in Bluetooth module supports hands-free calling and Bluetooth music streaming.

- **Hands-Free Calls:** Pair your phone to make and receive calls directly from the stereo.
- **Bluetooth Music:** Stream audio from your phone or other Bluetooth-enabled devices.

# Backup Camera



Figure 6.5: Bluetooth, SWC, and FM/RDS Radio.

This image combines three key operational features: the Steering Wheel Control (SWC) interface for convenient access to functions, the Bluetooth calling screen showing a dial pad and call management, and the FM/RDS radio interface for tuning into stations. It visually confirms the integrated capabilities for communication and entertainment.

## Bluetooth Call & Music

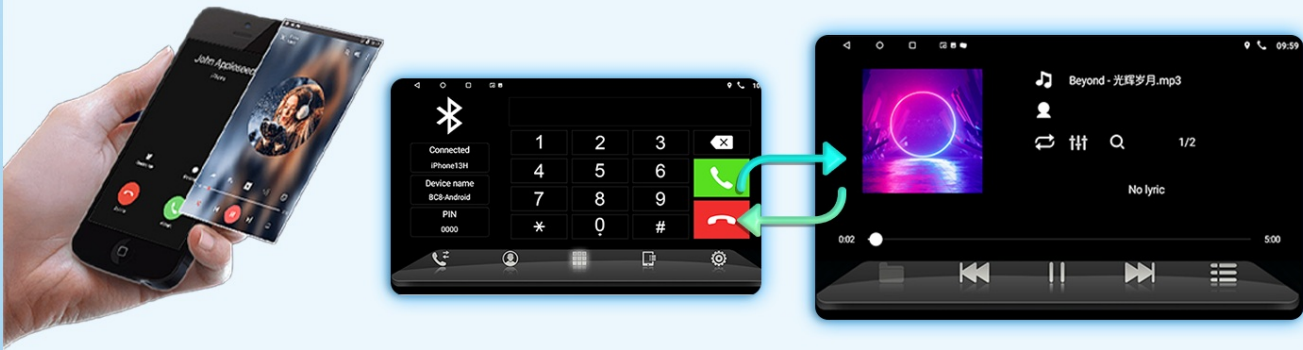


Figure 6.6: Bluetooth Call & Music.

This graphic clearly illustrates the dual functionality of the Bluetooth feature: hands-free calling, depicted by a phone receiving a call and the stereo displaying a dial pad, and Bluetooth music streaming, shown with album art and playback controls on the stereo screen. This highlights the convenience of wireless audio and communication.

## 6.5 FM/RDS Radio

Tune into your favorite radio stations with the built-in FM/RDS tuner. RDS (Radio Data System) provides additional information like station name and song title where available.



Figure 6.7: FM/RDS Radio Interface.

This graphic illustrates the FM/RDS radio functionality, showing a visual representation of radio waves and common broadcast content like road conditions, news, and music. The car stereo's display shows the radio tuner interface with frequency selection, preset options, and RDS information, providing a comprehensive radio listening experience.

## 6.6 Steering Wheel Control (SWC)

The unit supports steering wheel control, allowing you to manage audio and calls without taking your hands off the wheel. Configuration may be required in the system settings.



*Figure 6.8: Steering Wheel Control Setup.*

This image demonstrates the Steering Wheel Control (SWC) feature, showing a close-up of a car's steering wheel with its integrated control buttons. The car stereo's screen displays an interface for mapping these physical buttons to various functions of the head unit, allowing for convenient and safe operation of audio and calls without diverting attention from the road.

## **6.7 Backup Camera Functionality**

When properly installed, the included backup camera automatically displays the rear view on the screen when the vehicle is shifted into reverse, aiding in safe parking and maneuvering.

# Backup Camera



Figure 6.9: Backup Camera View.

This image displays the car stereo's screen showing the live feed from the backup camera, complete with parking guidelines for assistance. It highlights the wide-angle view, HD night vision, and IP waterproof rating of the camera, ensuring clear visibility and durability in various conditions for safer reversing.

## 6.8 Wi-Fi Connectivity

Connect to Wi-Fi hotspots to access online features, download apps from the Google Play Store, stream videos, and use online navigation.

# WiFi Internet

Enjoy online entertainment life

Support massive Android apps to download maps, videos etc.



Figure 6.10: Wi-Fi Internet Access.

This image illustrates the Wi-Fi internet capability of the car stereo. The screen displays various online applications such as YouTube, Instagram, and TikTok, indicating that users can connect to a Wi-Fi hotspot to download apps, stream content, and enjoy a full online entertainment experience directly from the unit.



Figure 6.11: Built-in Wi-Fi for Online Entertainment.

This graphic highlights the built-in Wi-Fi feature, showing a smartphone connecting to a Wi-Fi network, symbolizing the stereo's ability to access the internet. Various app icons like Spotify, YouTube, and Instagram are displayed, emphasizing the wide range of online entertainment and utility applications that can be utilized with Wi-Fi connectivity.

## 6.9 EQ Adjustment

Enhance your audio experience with the built-in Digital Signal Processor (DSP) and multi-band EQ audio equalizer. Adjust sound frequencies to your preference for optimal sound quality.

# Enhance Your Audio Adventure

Upgrade audio equalizer and soundstage settings to fine-tune your listening experience for optimal performance, delivering a more immersive audio experience.



Figure 6.12: Audio Equalizer Interface.

This image displays the car stereo's audio equalizer interface, allowing users to fine-tune sound frequencies for a personalized listening experience. It visually represents the ability to upgrade and enhance your audio adventure, ensuring superb sound quality through precise adjustments.

## EQ Adjustment

Built in DPS with with multiple band EQ Audio Equalizer that allows to adjust the music effect as like, providing a wonderful listening experience.



Figure 6.13: Detailed EQ Adjustment.

This graphic provides a detailed view of the EQ Adjustment feature, showing a car's interior with arrows indicating optimized sound distribution. The car stereo's screen displays a comprehensive multi-band audio equalizer, allowing users to precisely adjust music effects and soundstage settings for a truly immersive and wonderful listening experience.

## 7. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. 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 through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Environmental Care:** Protect the unit from direct sunlight and extreme temperatures when the vehicle is parked for extended periods.
- **Connection Checks:** Occasionally check all cable connections to ensure they are secure and free from damage.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuses. Ensure vehicle battery is charged. Consult a professional if issues persist.
No sound output.	Volume too low, mute enabled, speaker wiring issue, incorrect audio source.	Increase volume, check mute setting, verify speaker connections, select correct audio source.
Touch screen unresponsive or slow.	System freeze, temporary software glitch.	Perform a system reset (locate the small reset button, often requires a pin). Ensure screen is clean.

Problem	Possible Cause	Solution
Bluetooth connection issues (lag, disconnects).	Interference, outdated firmware, phone compatibility.	Ensure no other devices are interfering. Try re-pairing the device. Check for system updates. If persistent, consider wired connection for media.
GPS not acquiring signal or inaccurate.	GPS antenna not properly installed/positioned, environmental interference.	Ensure GPS antenna has a clear view of the sky (e.g., mounted on dashboard). Check antenna connection.
Backup camera not displaying.	Incorrect wiring, camera malfunction, reverse trigger not connected.	Verify all camera wiring connections (power, video, trigger). Test camera functionality.
Steering Wheel Controls not working.	Incorrect wiring, not configured in settings.	Check SWC wiring. Access system settings to configure/map steering wheel buttons.
Requires active internet for maps.	Maps not downloaded for offline use, using online-only map application.	Download offline maps within the navigation application. Use a navigation app that supports offline maps.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	US-3243
Operating System	Android
RAM	1 GB
Screen Size	9 Inches
Resolution	1024 x 600
Product Dimensions	5.91 x 1.57 x 3.94 inches
Item Weight	1 ounces
Connectivity Technologies	Bluetooth, USB, Wi-Fi
Human Interface Input	Touchscreen
Map Type	North America
Included Components	Backup Camera
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount



Figure 9.1: Product Dimensions and Included Components.

This image provides key physical specifications of the car stereo, including its overall dimensions (width, height, and bottom width), which are crucial for installation planning. It also reiterates the list of components included in the product package, such as the power cable, RCA cable, rear camera input cable, user manual, parts, GPS antenna, installation tool, USB cables, microphone, and camera, ensuring users can verify their contents.

## 10. WARRANTY AND SUPPORT

podofu is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your product comes with a **2-Year Warranty**.
- **Technical Support:** podofu offers 24/7 expert customer support. For any concerns regarding installation, operation, or troubleshooting, please reach out directly via Amazon.
- **Contacting Support:** To contact support, navigate to the product page on Amazon, find the "Sold by Podofu US" section, and click "Ask a question."



Figure 10.1: Warranty and Support Information.

This image visually confirms key aspects of podof's customer commitment: availability in over 100 countries, a 2-year warranty period, and the provision of 24/7 expert customer support. This information assures users of the product's reliability and accessible assistance.

**24/7 Technical Support**  
Find Podof Tech Support in TWO steps:

**Step1** Buy Now

Ships from Amazon  
Sold by Podof US  
Returns 30-day refund/replacement  
Payment Secure transaction

Click "Sold by Podof US"

**Step2**

Have a question for Podof US?

Ask a question

Click "Ask a question"

Figure 10.2: podof Brand Focus.

This image features the podof logo alongside the text "Specializing in Car Electronics," reinforcing the brand's expertise and dedication to the automotive electronics sector. It serves to build confidence in the product's quality and the manufacturer's focus.