

## SHZSR CarPlay Box For Lx 2015

# SHZSR Wireless CarPlay Android Auto Retrofit Kit for Lexus LX 570 (2015-2021)

Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SHZSR Wireless CarPlay Android Auto Retrofit Kit for Lexus LX 570 models manufactured between 2015 and 2021. This kit is designed to integrate advanced smartphone connectivity features into your vehicle's existing infotainment system, enhancing your driving experience without replacing the original car screen. The device functions as a CarPlay interface decoder box, not a standalone car screen. It allows you to retain your original vehicle system while adding wireless CarPlay, Android Auto, and mobile phone screencasting capabilities.

## 2. SAFETY INFORMATION

Always prioritize safety. Ensure the vehicle is parked and the engine is off before attempting any installation or maintenance procedures. If you are unsure about any step, consult a professional installer. Do not operate the device in a way that distracts you from driving. Adhere to all local traffic laws and regulations.

## 3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- CarPlay Decoder Box
- LVDS Harness
- Main Power Cord
- GPS Antenna
- Microphone Extension Cable (for specific models like Odyssey or those with top-mounted microphones)
- AUX Cable
- Double-sided Tape (for securing components)

# CarPlay and Android Auto

Navigate, make calls, send and receive messages, and listen to your favorite songs  
It's all integrated into your car's center display



## Wireless CarPlay

For iPhone



## Wireless Android Auto

For Android phone



Image: Overview of the SHZSR CarPlay Retrofit Kit components, including the main module, wiring harnesses, and accessories.

## 4. SPECIFICATIONS

| Feature                 | Description  |
|-------------------------|--|
| Item Weight             | 2 pounds   |
| Package Dimensions      | 8 x 6 x 3.5 inches   |
| Display Size            | 12.3 Inches (compatible with original screen)                |
| Warranty                | 1 Year   |
| Voice Command           | Touchscreen (Siri/Google Assistant via CarPlay/Android Auto) |
| Special Feature         | Upgrade Android Auto, Upgrade CarPlay                        |
| Connectivity Technology | Mirror Link, Wireless Android Auto, Wireless CarPlay         |
| Map Type                | Worldwide (via connected smartphone apps)                    |
| Audio Output Mode       | Stereo   |
| Mounting Type           | Dashboard Mount (integrated with original system)            |

## 5. SETUP AND INSTALLATION

The SHZSR CarPlay Retrofit Kit is designed for plug-and-play, non-destructive installation. It requires removing the dashboard to connect the decoder box to the original CD host device using the provided wires.

### 5.1 Key Components and Connections

# Simple installation & Easy upgrade



**Plug-and-play**

**Non-destructive  
installation**

Image: The main CarPlay module and its associated wiring harnesses, illustrating the components involved in the installation process.

## 5.2 Initial Setup Steps

1. **Dashboard Removal:** Carefully remove the vehicle's dashboard components to access the original CD host unit. Refer to your vehicle's specific service manual for detailed instructions on dashboard removal.
2. **Connect Wiring:** Connect the provided LVDS harness and main power cord to the original CD host unit and the CarPlay decoder box. Ensure all connections are secure.
3. **GPS Antenna Placement:** Install the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
4. **Microphone Connection:** If your vehicle requires it, connect the microphone extension cable.
5. **Secure Components:** Use the double-sided tape to secure the CarPlay decoder box and any loose wiring to prevent rattling or interference.
6. **Reassemble Dashboard:** Carefully reassemble the dashboard components.

## 5.3 Sound Output Configuration

To ensure proper audio output, follow these steps to configure the sound through the original car's Bluetooth channel:

Video: Demonstrates how to set up sound through the Bluetooth channel for the CarPlay system in a Lexus vehicle.


## 6. OPERATING INSTRUCTIONS

Once installed, the CarPlay Retrofit Kit integrates seamlessly with your Lexus LX 570's existing controls and display. You can access various functions through the original car knob, steering wheel controls, and the touchscreen interface.


6.1 Wireless CarPlay and Android Auto

The kit provides both wireless and wired connectivity for Apple CarPlay and Android Auto. This allows you to use your smartphone's features directly on your car's display, including navigation (Maps, Waze), music streaming (iTunes, Apple Music, Spotify), phone calls, and messaging.


### Core Functions




Carplay




Android Auto




Mirroring




Media




Front/Right/  
Left/360



AHD Video  
Decoding



DSP digital  
audio decoding



Fast charging

Image: The CarPlay interface on the Lexus LX 570 display, showcasing available applications for navigation, music, and communication.

# Upgrade Carplay & Android Auto

CarPlay that lets you access your iPhone apps like iTunes, Google Maps, Waze and Spotify through the infotainment screen of your vehicle



Image: The CarPlay music player interface on the Lexus LX 570 screen, demonstrating media playback.

## 6.2 Mirror Link Functionality

The Mirror Link function allows you to cast your mobile phone screen directly onto the vehicle's radio screen, supporting AirPlay and AutoLink for compatible devices.



# MirrorLink Function

Support Air play & AotuLink, you can map your mobile phone screen on the vehicle radio screen



Image: A smartphone's navigation app mirrored onto the Lexus LX 570 display, illustrating the Mirror Link feature.

## 6.3 Control Methods

The system supports control via the original car's joystick/knob and steering wheel buttons for seamless interaction.

- **Original Car Knob Control:** Use the center rocker control for fast access to the CarPlay interface and navigation.
- **Steering Wheel Controls:** Utilize existing steering wheel buttons for audio control, call management, and voice commands (Siri/Google Assistant).



Image: The vehicle's joystick and control buttons, which can be used to navigate the CarPlay/Android Auto interface.

## Steering Wheel Controls



Image: The vehicle's steering wheel controls, demonstrating their use for managing audio and other functions within the system.

## 6.4 Radio Function Display

The system allows for the display and control of radio functions through the new interface.



Video: Shows the radio function display on the Lexus LX 570 screen, demonstrating how to interact with the radio through the new system.



Video: An immersive view of the radio interface on the Lexus LX 570, highlighting its visual appeal and ease of use.

## 7. MAINTENANCE

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To ensure the longevity and optimal performance of your CarPlay Retrofit Kit, follow these general maintenance guidelines:

- Keep the screen clean using a soft, lint-free cloth. Avoid harsh chemicals.
- Ensure all cable connections remain secure. Periodically check for any loose connections.
- Keep the main module free from dust and moisture.
- Regularly update your smartphone's operating system to ensure compatibility with CarPlay/Android Auto features.

## 8. TROUBLESHOOTING

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If you encounter issues with your SHZSR CarPlay Retrofit Kit, refer to the following common troubleshooting tips:

### 8.1 No Sound Output

If you experience no sound after installation or during operation, ensure the audio source is correctly selected in your original car system and the CarPlay system's Bluetooth settings are configured as shown in the setup video.



Video: Detailed steps on how to resolve 'no sound' issues by correctly setting up the Bluetooth channel.

### 8.2 Connectivity Issues

- Ensure your phone's Wi-Fi and Bluetooth are enabled.
- Forget and re-pair the Bluetooth connection between your phone and the CarPlay system.
- Restart both your smartphone and the vehicle's infotainment system.
- Check for any available firmware updates for the CarPlay module.

### 8.3 Unresponsive Controls

- Verify that the original car's controls (knob, steering wheel buttons) are functioning correctly in the native system.
- Ensure the CarPlay module is receiving power and all connections are secure.

## 9. WARRANTY AND SUPPORT

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The SHZSR Wireless CarPlay Android Auto Retrofit Kit 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.

For technical support, troubleshooting assistance, or warranty inquiries, please contact SHZSR customer service through the retailer where you purchased the product or visit the official SHZSR website for contact information.

