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› VIKNAN Wireless CarPlay Android Auto Linux Interface Box for Lexus IS 2005-2008 Instruction Manual

VIKNAN B0DCV9S117

VIKNAN Wireless CarPlay Android Auto Linux Interface Box for Lexus IS 2005-2008 Instruction Manual

Model: B0DCV9S117

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your VIKNAN Wireless CarPlay Android Auto Linux Interface Box. This device is designed to integrate modern smartphone connectivity features into your vehicle's original multimedia system.



Image 1: VIKNAN Wireless CarPlay Android Auto Linux Interface Box.

2. COMPATIBILITY

This interface box is specifically compatible with Lexus IS models manufactured between 2005 and 2008. It requires the vehicle to have a factory AUX port. Operation is not supported if the vehicle lacks an OEM AUX port. Please verify your vehicle's specifications before installation.



Image 2: Visual guide indicating compatibility with Lexus IS 2005-2008 models equipped with an OEM AUX port.

3. KEY FEATURES

- **Wireless Apple CarPlay & Android Auto:** Seamless integration of smartphone features for navigation, music, and communication.
- **GPS Navigation:** Utilize your smartphone's navigation apps directly on the car's display.
- **Bluetooth Music & Calls:** Connect your mobile phone for audio streaming and hands-free calling.
- **Steering Wheel Control:** Retain original steering wheel controls for safe operation.
- **Original Car System Retention:** The device operates alongside the original car radio system, allowing switching between the two.
- **Rear View Camera Support:** Quick display of reverse image, supporting original car reversing camera and aftermarket cameras (Factory 360 / CVBS / AHD camera).
- **Audio Customization:** Features 16-segment EQ tuning for enhanced sound quality.

SUNPLUS SPHE8368-2U CHIP

Sunplus Digital Audio Video Player Single
Chip Solution with Proficient Audio
Video Technology and High
Additional Features

Quick display of reverse image

Support original car reversing camera
Factory 360 / CVBS / AHD camera



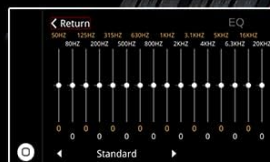
Keep the original vehicle system

All the functions of the original car
can be retained



16 segment EQ tuning

By adjusting the volume of different
frequency bands, make the audio more
balanced and clear



Original car BT audio source

Support separation of sound and image,
using BT audio



Image 3: Feature overview including Wireless CarPlay, Android Auto, Mirror Link, Airplay, EQ tuning, and Dual system switching.



Image 4: Additional features: SUNPLUS SPHE8368-2U chip, quick reverse image display, original vehicle system retention, 16 segment EQ tuning, and original car Bluetooth audio source.

4. INSTALLATION GUIDE

The VIKNAN interface box is designed for plug-and-play installation. All necessary cable accessories are included. For detailed visual instructions, please refer to the provided installation manual and videos.

4.1. Package Contents

- CarPlay Box Unit
- LVDS Input & Output Cable
- Multimedia Cable
- Power Cable
- Bluetooth/Wi-Fi Antenna



Image 5: Components included for installation, featuring the CarPlay Box Unit and various connecting cables.

4.2. DIP Switch Settings

Configure the DIP switches on the interface box according to your vehicle model. For Lexus IS 2005-2008, set DIP switches 1 and 7 to ON, and all other switches to OFF.



Image 6: DIP switch configuration for the interface box. Switches 1 and 7 should be ON, others OFF.

4.3. AutoLink Application

For Android AutoLink functionality, you may need to download the AutoLink Pro application. It can be found at: http://developer.autolink.top/Autolink_Pro.apk

5. OPERATING INSTRUCTIONS

5.1. System Switching

The interface box allows seamless switching between the original car system and the integrated Linux system (CarPlay/Android Auto). Use the car's original buttons or controls to navigate between these modes.

Your browser does not support the video tag.

Video 1: Demonstrates the operation of the Linux interface, including switching to CarPlay, using navigation, and adjusting volume. Note: The video displays a Lexus GX, but the functionality is similar for the Lexus IS interface box.

Only Compatible With Models With AUX Port

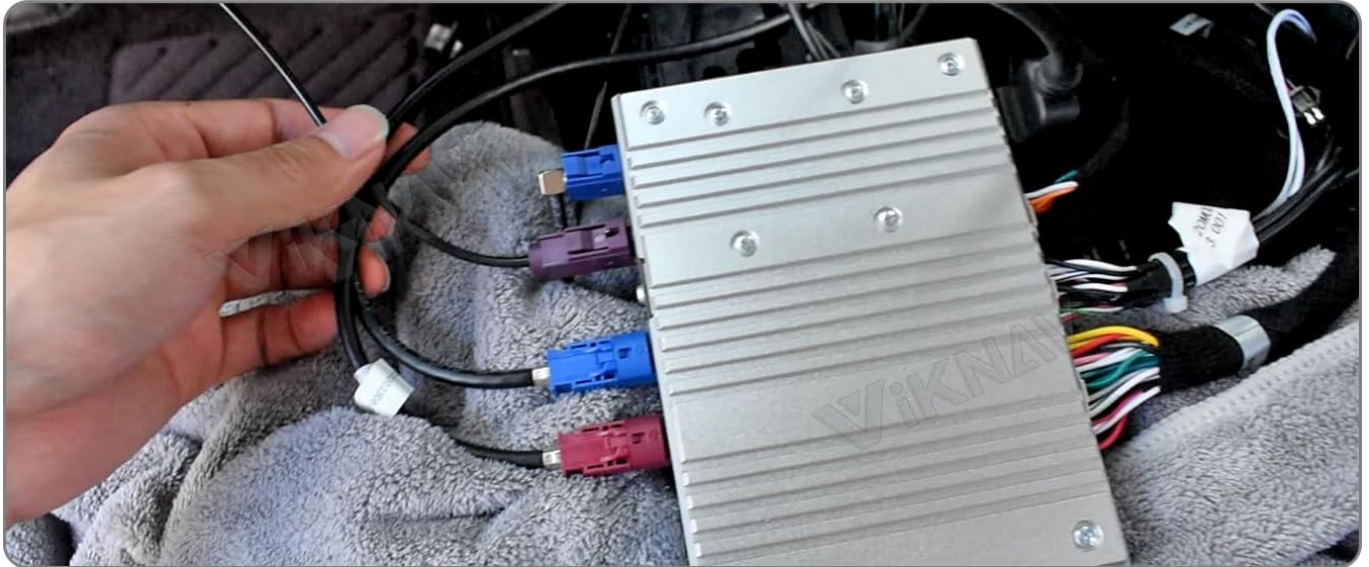


Image 7: Example of the CarPlay interface displayed on a Lexus dashboard.

5.2. CarPlay and Android Auto

Connect your smartphone wirelessly or via a wired connection to access CarPlay or Android Auto. These platforms enable access to navigation, music, messages, and calls through the car's display.

Plug & Play installation



**DIP dialing code of the host
(1,7 on, others off)**

- 1.CarPlay Box Unit
- 2.LVDS input & Output cable
- 3.Multimedia cable
- 4.Power cable
- 5.BT/Wi-Fi antenna



Image 8: Illustration of wireless and wired CarPlay and Android Auto connections.

5.2.1. Voice Control

Utilize Siri or Google Voice Assistant for hands-free operation. Activate by pressing and holding the voice control button on the steering wheel.



Image 9: Voice control options (Siri/Google Voice) and interaction methods (touch, knobs, steering wheel controls).

5.2.2. Navigation

Access maps and directions through your connected smartphone. The system supports various navigation applications.

5.3. Audio Settings

The system offers advanced audio customization options, including a 16-segment equalizer for fine-tuning sound output.



Image 10: System settings menu, including audio adjustments.

5.4. Steering Wheel Controls

The interface retains the functionality of your vehicle's original steering wheel controls, allowing you to manage media playback, calls, and other functions without taking your hands off the wheel.

6. TROUBLESHOOTING

6.1. No Sound Issue

If you experience no sound after connecting, ensure the "Use Car's BT Channel" option is enabled in the system settings. Then, connect your phone's Bluetooth directly to the original car's Bluetooth system, not the Linux system's Bluetooth. Finally, select "Bluetooth" as the audio source in your car's original multimedia system.

Your browser does not support the video tag.

Video 2: Demonstrates how to resolve the "no sound" issue by correctly configuring Bluetooth settings and selecting the appropriate audio source in the car's original system.

6.2. General Support

For any questions or issues during installation or operation, please contact customer service at viknav007@outlook.com. Installation manuals and videos are available upon request.

7. SPECIFICATIONS

Item Weight	2.86 pounds (1.3 Kilograms)
Product Dimensions	5 x 4 x 6 inches (5"L x 4"W x 6"H)
Operating System	Linux

Mounting Type	Dashboard Mount, Panel Mount
Connectivity Technology	Bluetooth
Special Features	Android Auto, Bluetooth, Carplay, GPS Navigation
Included Components	Owner's Manual

8. WARRANTY AND SUPPORT

- **Warranty:** 1 year
- **Technical Support:** Lifetime technical support
- **Customer Service Email:** viknav007@outlook.com
- **Response Time:** 24 hours quick response



Image 11: Customer service details for support and inquiries.

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