

LEXXSON RM-VLV3746F

LEXXSON Wireless CarPlay & Android Auto Decoder Box User Manual

Model: RM-VLV3746F

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LEXXSON Wireless CarPlay and Android Auto Decoder Box. This device integrates advanced smartphone connectivity into your vehicle's existing infotainment system, enhancing your driving experience with navigation, communication, and entertainment features.

2. COMPATIBILITY

The LEXXSON Wireless CarPlay & Android Auto Decoder Box (Model: RM-VLV3746F) is specifically designed for select Volvo models equipped with a 7-inch screen. Please verify your vehicle's compatibility using the table below.

Soporte a los modelos Volvo

For Volvo		
Modelo de coche	Años	Pantalla pulgada
V40	2010-2014	7"
S60/V60/XC60	2010-2015	
V70/XC70		
S80	2010-2014	



or a blank space on the car's control panel for proper installation.

Important Note: Your Volvo vehicle must have a 7-inch screen and either a 'CAM/TEL' button or a blank space where this button would typically be located on the control panel. Vehicles with a globe icon on the control panel are not compatible.

Supported Volvo Models

Car Model	Years	Screen Size
V40	2010-2014	7 inches
S60/V60/XC60	2010-2015	
V70/XC70	2010-2015	
S80	2010-2014	

3. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all components are present.



Image: A diagram illustrating the main decoder box unit with dimensions (124mm x 80mm x 27mm) and various connecting cables: Adapter Cable, Power Cable, Screen Signal Cable, and RCA/USB Cable.

- LEXXSON Wireless CarPlay & Android Auto Decoder Box (Main Unit)
- Adapter Cable
- Power Cable
- Screen Signal Cable
- RCA/USB Cable

4. SETUP AND INSTALLATION

The LEXXSON Decoder Box features a plug-and-play design for integration into your vehicle's original system. No modification to the vehicle's wiring is typically required. Professional installation is recommended to ensure correct wiring and avoid damage to your vehicle's electrical system.

4.1 Pre-Installation Checks

- Ensure your vehicle is compatible as per Section 2.

- Turn off the vehicle's ignition and disconnect the battery before starting installation.
- Gather all necessary tools (e.g., trim removal tools, screwdrivers).

4.2 Installation Steps (General Guide)

1. Carefully remove the vehicle's dashboard trim and access the back of the original infotainment screen.
2. Disconnect the necessary cables from the original screen/head unit.
3. Connect the provided adapter cables between the vehicle's original wiring harness and the LEXXSON Decoder Box.
4. Connect the screen signal cable from the decoder box to the original screen.
5. Connect the power cable to the decoder box and the vehicle's power source.
6. Route the RCA/USB cable to an accessible location for external device connections (e.g., camera, USB drive).
7. Secure the decoder box in a suitable location behind the dashboard, ensuring it does not interfere with other components.
8. Reconnect the vehicle's battery and test the system before reassembling the dashboard trim.

5. OPERATING INSTRUCTIONS

The LEXXSON Decoder Box allows seamless integration of your smartphone's features into your Volvo's display.

5.1 Switching Between Systems

To switch between your vehicle's original infotainment system and the CarPlay/Android Auto interface, use the original vehicle button. A long press on the designated button (often 'NAV' or 'MEDIA') will toggle between the two systems.



Image: The car dashboard screen displaying both the original Volvo interface and the integrated smartphone interface, with arrows indicating the ability to switch between them.

5.2 Wireless CarPlay

Connect your iPhone wirelessly to access Apple CarPlay features directly on your car's screen. After initial pairing, the system will connect automatically.

1. Ensure Bluetooth and Wi-Fi are enabled on your iPhone.
2. On the car's screen, navigate to the CarPlay interface.
3. Follow the on-screen prompts to pair your iPhone.
4. Once connected, you can use navigation, make calls, send messages, and play music via the CarPlay interface.



Image: A car dashboard displaying the Apple CarPlay interface with icons for navigation, music, and phone calls. A smartphone screen also shows the CarPlay logo.

5.3 Wireless Android Auto

Connect your Android phone wirelessly to use Android Auto features on your car's display. The system provides a stable connection and automatic pairing after the first setup.

1. Ensure Bluetooth and Wi-Fi are enabled on your Android phone.
2. On the car's screen, navigate to the Android Auto interface.
3. Follow the on-screen prompts to pair your Android phone.
4. Once connected, you can access navigation, communication, and media applications.



Image: A car dashboard displaying the Android Auto interface with various app icons. A smartphone screen also shows the Android Auto logo.

5.4 Intelligent Voice Control

Utilize voice commands for hands-free operation, enhancing driving safety. The system supports both Siri (for CarPlay) and Google Assistant (for Android Auto).

- **Activate Siri:** Say "Hey Siri" or press the voice command button on your steering wheel.
- **Activate Google Assistant:** Say "Hey Google" or press the voice command button on your steering wheel.
- Use voice commands for navigation, making calls, sending messages, playing music, and more.

Asistente de Voz Inteligente

Tu compañero de entretenimiento en la carretera: el asistente de voz puede cantar canciones, contar chistes y adivinar títulos de canciones para mantenerte entretenido durante tu tiempo libre en el auto.



Image: Two car dashboard screens demonstrating voice control. One shows the Siri interface with commands like "Hey Siri," "Play Music," and "Call David." The other shows the Google Assistant interface with similar commands.

5.5 Online Navigation

Access your preferred navigation applications (e.g., Google Maps, Waze, Apple Maps) directly on your car's screen. The system provides real-time traffic information and updates.

- Open your chosen navigation app from the CarPlay or Android Auto interface.
- Enter your destination using the touchscreen or voice commands.
- Receive turn-by-turn directions and real-time traffic updates.

Salida de audio Bluetooth

Salida de audio del coche de fábrica Bluetooth, lo que reduce significativamente la interferencia y hace que la respuesta del sonido sea más rápida.



Image: A car dashboard screen displaying a navigation map with a route highlighted and a destination pin. Various map application icons are shown above the screen.

5.6 Maintaining Original Car Functions

The decoder box is designed to retain all original vehicle functions and controls. You can interact with the system using:

- **Steering Wheel Buttons:** Control volume, activate voice commands, and navigate menus.
- **Central Control Panel:** Use the original buttons and knobs to switch systems and control functions.
- **Touch Screen:** Interact directly with the CarPlay/Android Auto interface via touch.



Image: A car dashboard screen showing the smartphone integration interface. Below, three separate images highlight the use of steering wheel buttons (voice awakening, volume), the central control panel (long press to switch screens), and the touchscreen for interaction.

5.7 Bluetooth Audio Output

The system utilizes the vehicle's factory Bluetooth for audio output, which helps reduce interference and provides a faster sound response.

1. **Pair Car Bluetooth:** Ensure your phone is paired with your car's original Bluetooth system.
2. **Connect CarPlay/Android Auto:** Establish a wireless connection for CarPlay or Android Auto.
3. **Sound Output:** Select your car's Bluetooth as the audio output source on your phone or the CarPlay/Android Auto interface.



Image: A car dashboard screen showing Bluetooth pairing options. Below, three smaller screens illustrate the steps: 1. Pairing car Bluetooth, 2. Connecting CarPlay with car audio, and 3. Selecting Volvo car Bluetooth as the sound output.

5.8 Parking Assistant

The decoder box supports professional parking assistance features, including compatibility with HD 360° camera systems (PAL/NTSC/CVBS) with dynamic guide lines. It can also connect to the original radar and parking distance control systems.

Note: Cameras are sold separately.

6. MAINTENANCE

The LEXXSON Decoder Box is designed for durability and stable operation. Minimal maintenance is required.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the decoder box if it becomes dusty. Do not use liquid cleaners or solvents.
- **Software Updates:** Keep the system software updated to ensure optimal performance and access to new features. Software updates are typically performed via Wi-Fi. Refer to the on-screen menu for update options.
- **Heat Dissipation:** The unit features an efficient heat dissipation system. Ensure the installation location allows for adequate airflow around the device to maintain stable operation, especially in temperatures up to 70 °C.

7. TROUBLESHOOTING

If you encounter issues with your LEXXSON Decoder Box, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No power to the unit / Screen is blank	Loose power connection, incorrect wiring, vehicle battery disconnected.	Check all power cable connections. Ensure the vehicle battery is connected and charged. Verify wiring according to installation instructions.
CarPlay/Android Auto not connecting wirelessly	Bluetooth/Wi-Fi off on phone, incorrect pairing, interference.	Ensure Bluetooth and Wi-Fi are enabled on your smartphone. Delete previous pairings and re-pair the device. Move away from strong Wi-Fi interference sources.
Audio issues (no sound, distorted sound)	Incorrect audio output selected, volume too low, loose audio cables.	Verify that the car's Bluetooth is selected as the audio output on your phone/CarPlay/Android Auto interface. Check volume levels on both the phone and car system. Inspect RCA audio connections.
Cannot switch between original system and CarPlay/Android Auto	Incorrect button press, system glitch.	Ensure you are performing a long press on the correct original vehicle button (e.g., NAV, MEDIA). Restart the vehicle to reset the system.
Navigation apps not working or showing incorrect location	Poor GPS signal, app error, outdated maps.	Ensure your smartphone has a good GPS signal. Update navigation apps. Check for system software updates.
Voice control not responding	Microphone issue, incorrect command, system not active.	Ensure the microphone is properly connected and unobstructed. Speak clearly. Verify CarPlay/Android Auto is active.

8. SPECIFICATIONS

Feature	Detail
Model Number	RM-VLV3746F
Dimensions (L x W x H)	124 x 80 x 27 mm (approx. 11 x 17 x 27 cm packaged)
Weight	1.1 kg (packaged)
Connectivity Technology	Bluetooth 5.0, Dual-band Wi-Fi (5.8 GHz)
Controller Type	Manual Control, Steering Wheel Buttons, Siri/Google Assistant Voice Control

Feature	Detail
Special Function	Wireless Apple CarPlay, Wireless Android Auto
Compatible Devices	Smartphones, Tablets
Connector Type	RCA
Audio Output Type	Bluetooth, Wi-Fi (via original car system)
Internet Applications Supported	Google Maps, Waze (and other compatible apps via CarPlay/Android Auto)
Operating Temperature	Stable operation up to 70 °C
Origin	China

9. WARRANTY & SUPPORT

Warranty: This LEXXSON product comes with a 1-year warranty from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

Support: For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact LEXXSON customer support through the retailer where the product was purchased or visit the official LEXXSON website for contact information. Please have your model number (RM-VLV3746F) and proof of purchase ready when contacting support.