

Leadfan 2+32G CarPlay for Lexus 2006-2012

Leadfan 10.1 Inch Android 11 Car Stereo Instruction Manual

Model: 2+32G CarPlay for Lexus 2006-2012

Brand: Leadfan

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Leadfan 10.1 Inch Android 11 Car Stereo. This system is designed to upgrade the in-car entertainment and navigation experience for compatible Lexus IS series vehicles. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: Leadfan 10.1 Inch Android 11 Car Stereo for Lexus IS250, IS300, IS350 (2006-2012).

2. PRODUCT OVERVIEW AND KEY FEATURES

The Leadfan Android 11 Car Stereo offers a comprehensive upgrade to your vehicle's infotainment system. Key features include:

- **Operating System:** Android 11 with 4-Core CPU, 2GB RAM, and 32GB ROM.
- **Display:** 10.1-inch IPS touchscreen with 1024x600 resolution.
- **Connectivity:** Wireless Apple CarPlay, Android Auto, wired/wireless Mirror Link, Bluetooth 5.1, Wi-Fi hotspot.
- **Navigation:** Built-in GPS module with preloaded offline map data, supporting online navigation apps.
- **Audio:** FM Radio, 10-band EQ, DSP for enhanced sound.

- **Camera Support:** Rear view camera input with 170° viewing angle.
- **Control:** Steering Wheel Control (SWC) compatibility, voice control.
- **Multitasking:** Split-screen function for simultaneous application use.
- **Additional Ports:** 2 USB ports, AUX audio and video input, external microphone jack.

3. COMPATIBILITY

This car stereo is specifically designed for the following Lexus IS series models:

- Lexus IS250, IS300, IS350 (2006-2012) without original factory screen.
- Lexus IS250, IS300, IS350 (2006-mid 2009) with original factory screen.

Important Note: This unit is **NOT** compatible with Lexus IS models from mid-2009 to 2012 that have an original factory screen, factory premium audio systems, or a white climate control frame.

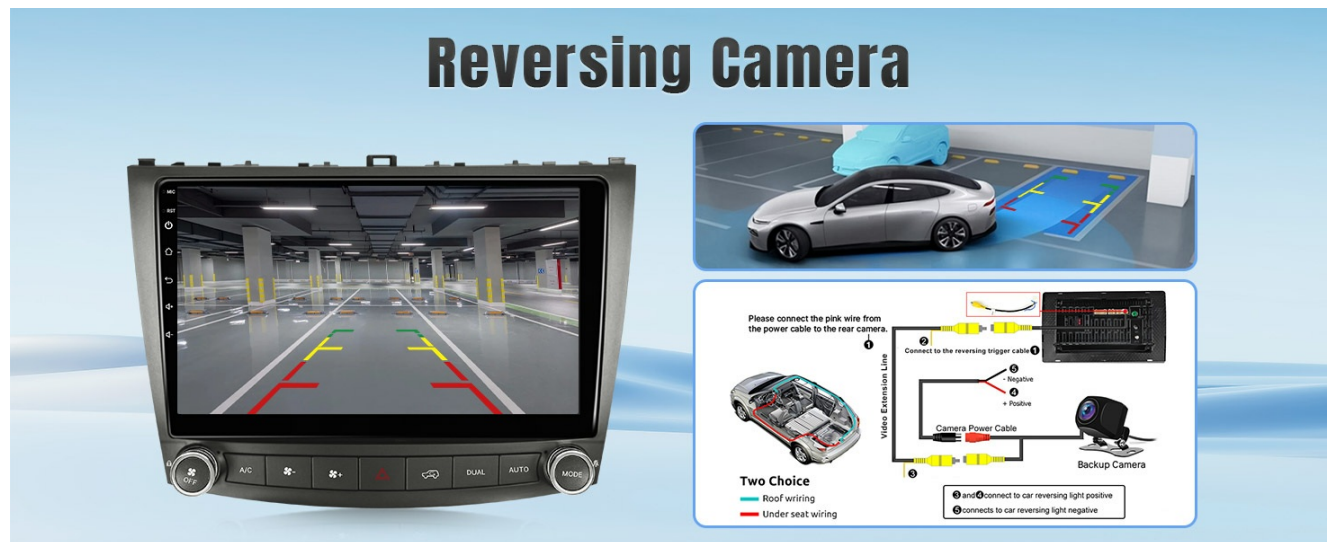


Image 3.1: Visual guide for Lexus IS series compatibility, showing installable and non-installable configurations.

4. PACKAGE CONTENTS

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

- 10.1 inch IPS Touchscreen Android Radio Headunit
- Radio Kit Frame for Lexus IS250 IS300 IS350 (2006-2012)
- Back-up Camera
- Reversing Camera Input Cable
- GPS Antenna
- WiFi & Bluetooth Signal Booster Cable
- Plug and Play Power Harness
- CanBus Decoder
- External Microphone
- User Manual
- USB Cables (x2)
- RCA Cable
- Installation Kit (brackets)
- OBD Cable (optional, if included)

Simpler Wiring And Installation

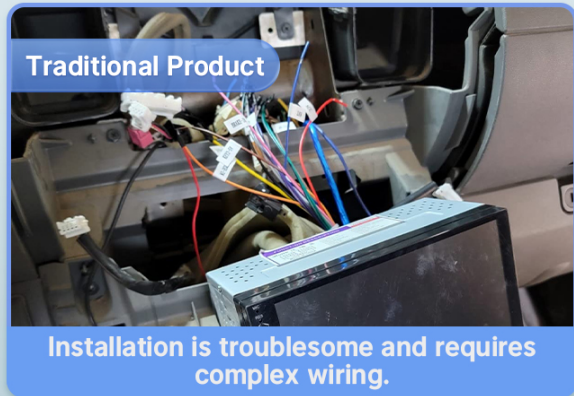


Image 4.1: Contents of the product package and main unit dimensions.

5. INSTALLATION GUIDE (SETUP)

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation. Refer to your vehicle's service manual for specific dashboard disassembly instructions.

5.1 General Installation Steps:

1. Carefully remove the original car radio and dashboard trim.
2. Connect the provided power harness to the car's wiring and the new head unit.
3. Connect the GPS antenna, Wi-Fi/Bluetooth antenna, and any other necessary cables (USB, RCA, external microphone).
4. If installing the backup camera, route the camera cable to the rear of the vehicle and connect it to the head unit's reverse input. Ensure the camera's power is connected to the vehicle's reverse light circuit.
5. Mount the new head unit into the dashboard using the provided installation kit.
6. Reconnect the vehicle's battery and test all functions before reassembling the dashboard trim.

More perfect installation effect



Image 5.1: Comparison of wiring complexity between the Leadfan unit and traditional aftermarket radios.



Image 5.2: Example of the integrated installation effect of the Leadfan unit compared to a universal model.

6. OPERATING INSTRUCTIONS

6.1 Initial Setup

Upon first power-on, the system may guide you through initial setup steps, including language selection, time zone, and Wi-Fi connection. Follow the on-screen prompts.

6.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth and Wi-Fi, or via USB cable, to access Apple CarPlay or Android Auto. This allows for seamless integration of phone functions like navigation, music, calls, and messages directly on the stereo display. Voice control is supported for hands-free operation.

Carplay & Android Auto & Mirror Link



Mirror Link

Wireless connection (WiFi)



Image 6.1: Overview of Wireless CarPlay, Android Auto, and Mirror Link functionalities.

6.3 GPS Navigation & Wi-Fi

The unit features a built-in GPS module with preloaded offline maps. You can also connect to a Wi-Fi hotspot (e.g., from your smartphone) to download online navigation applications and other apps from the Play Store.

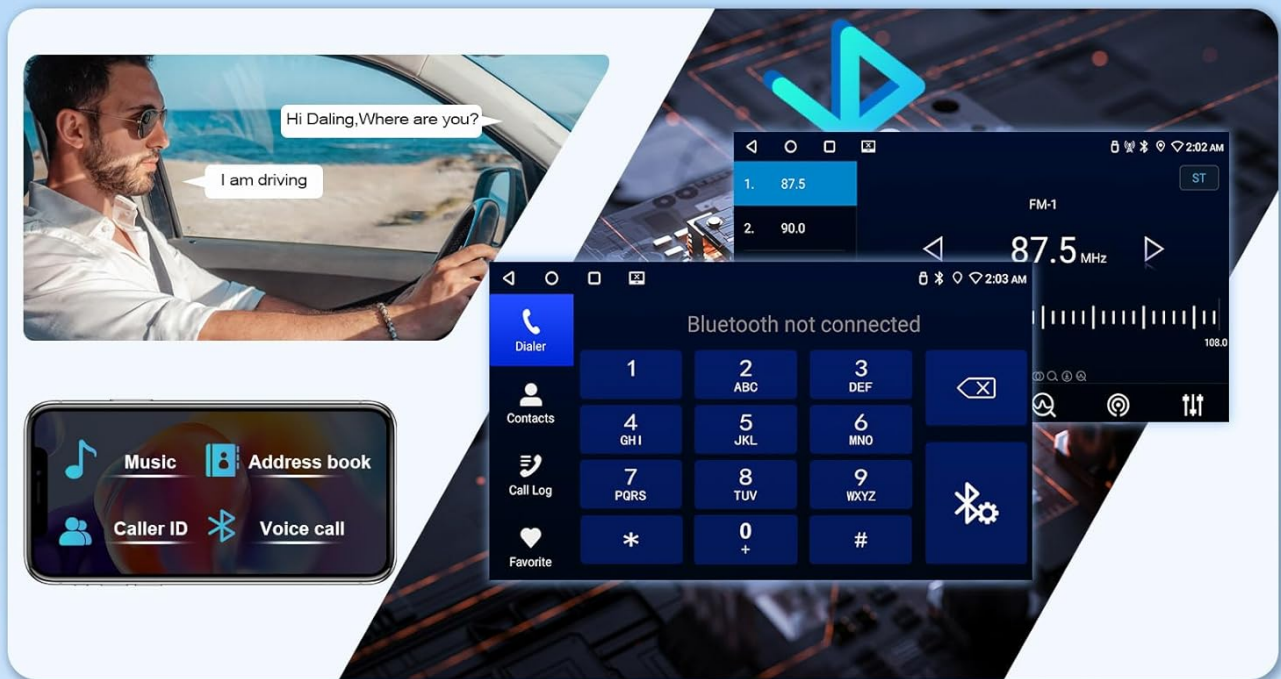


Image 6.2: Display of GPS navigation and available Wi-Fi connectivity options.

6.4 Bluetooth 5.1

Pair your mobile phone via Bluetooth for hands-free calling and audio streaming. The system supports answering/making calls directly from the unit, with clear audio through the built-in or external microphone.

Bluetooth 5.1



Split-Screen

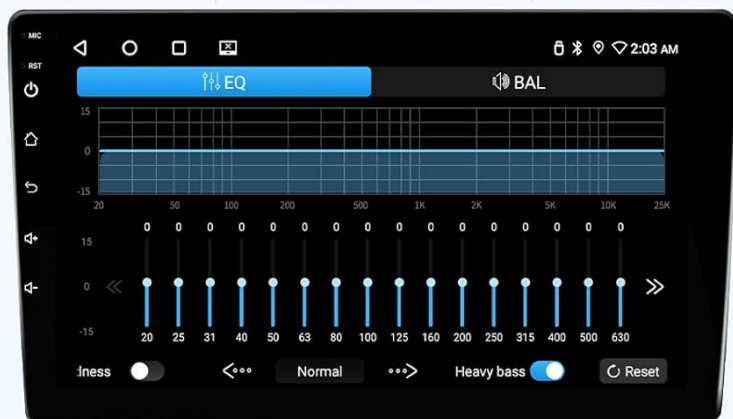


Image 6.3: Bluetooth 5.1 interface for calls and music, alongside the split-screen feature.

6.5 FM Radio

Access FM radio stations with automatic and manual search functions. Save your favorite stations for quick access.

EQ Setting & DSP



FM Radio



Image 6.4: Audio equalization (EQ) and Digital Sound Processor (DSP) settings, and the FM radio interface.

6.6 Split-Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation on one side and music playback on the other.

6.7 Reverse Camera Input

When the vehicle is shifted into reverse, the system automatically displays the feed from the connected backup camera, providing a wide viewing angle for safer maneuvering.

Reverse Function



Steering Wheel Controls



Image 6.5: Demonstration of the reverse camera display and steering wheel control functionality.

6.8 Steering Wheel Control (SWC)

The unit supports integration with your vehicle's existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel.

7. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Temperature:** Avoid exposing the unit to extreme temperatures for extended periods.
- **Software Updates:** Periodically check for and install available software updates to improve performance and add new features.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent issues.

8. TROUBLESHOOTING

If you encounter issues with your Leadfan car stereo, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's battery is charged.
- **No Sound:** Verify speaker connections. Check volume levels and audio settings (EQ, balance, fader). Ensure the correct audio source is selected.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase user data).
- **GPS Not Working:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check GPS settings within the unit.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Delete previous pairings and try reconnecting.
- **CarPlay/Android Auto Not Connecting:** Verify your phone's compatibility and ensure the app is updated. Try both wired and wireless connections. Check USB cable integrity if using a wired connection.
- **Backup Camera Not Displaying:** Check the camera's power and video signal connections. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.

If these steps do not resolve the issue, please contact customer support for further assistance.

9. SPECIFICATIONS

Product Dimensions	11.02 x 4.45 x 14.68 inches
Item Weight	3.96 pounds (1.8 Kilograms)
Model Number	2+32G CarPlay for Lexus 2006-2012
Operating System	Android 11
CPU	4-Core
RAM	2GB
ROM	32GB
Screen Size	10.1 inches (Visible screen diagonal: 9" / 23 cm)
Screen Resolution	1024x600 IPS HD Touch Screen
Connectivity Technology	Wired (Original USB Cable), Wireless (Bluetooth & Wi-Fi)
Bluetooth Version	5.1
Special Features	Apple CarPlay, Android Auto, Mirrorlink, GPS Module, IP68 AHD backup camera, Steering Wheel Control, Hands-Free Calling, Voice Control, Split-screen, FM, DSP, RDS, AUX, EQ, RAC Audio/Video Output, CanBus, 2 USB ports, External Mic Jack
Audio Output Mode	Stereo

**Video
Encoding**







H.264, H.265/HEVC, MPEG-4, etc.

10. WARRANTY AND SUPPORT

Leadfan provides professional technical support and high-quality customer service for this product. We offer lifetime technical support.

If you have any questions regarding installation, wiring, operation, or any other aspect of your Leadfan car stereo, please contact customer service or technical support through your purchase platform. Look for the "sold by Leadfan" link and click "ask a question" to reach our support team.

Related Documents - 2+32G CarPlay for Lexus 2006-2012

	<p>LEADFAN CarPlay MP5 Player Manual</p> <p>Comprehensive user manual for the LEADFAN CarPlay MP5 Player, detailing installation, features, and troubleshooting for enhanced in-car entertainment.</p>
	<p>LEADFAN 7-Inch HD Car Stereo User Manual: Wireless CarPlay, Android Auto, MirrorLink</p> <p>Comprehensive user manual for the LEADFAN 7-inch HD Car Stereo, detailing features like Wireless CarPlay, Android Auto, MirrorLink, Bluetooth, rearview camera integration, installation, system settings, and troubleshooting.</p>
	<p>LEADFAN Car Stereo 7 Inch HD Touchscreen User Manual</p> <p>Comprehensive user manual for the LEADFAN 7 Inch HD Touchscreen Car Stereo, covering installation, features like Apple CarPlay, Android Auto, MirrorLink, Bluetooth, radio functions, and troubleshooting.</p>
	<p>LEADFAN 7-Inch HD Touchscreen Car Stereo with Wireless CarPlay & Android Auto - User Manual</p> <p>Comprehensive user manual for the LEADFAN 7-inch HD Touchscreen Car Stereo, detailing installation, features like Wireless CarPlay, Android Auto, MirrorLink, Bluetooth, radio, USB playback, troubleshooting, and system settings.</p>
	<p>LEADFAN CarPlay/Android Auto Car Stereo User Manual</p> <p>Comprehensive user manual for the LEADFAN CarPlay/Android Auto Car Stereo, covering installation, features, troubleshooting, and basic parameters. Learn how to connect your smartphone, use Bluetooth, radio, music playback, and more.</p>
	<p>LEADFAN Single Din Car Stereo User Manual</p> <p>Comprehensive user manual for the LEADFAN Single Din Car Stereo, covering installation, operation, Bluetooth, troubleshooting, and specifications. Features FM radio, dual USB, SD, AUX-in, and hands-free calling.</p>