

Leadfan Model B

Leadfan Car Radio Stereo User Manual

For Toyota Camry 2012-2014 (Model B: JBL Version)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Leadfan 10.1-inch Car Radio Stereo. This unit is specifically designed for Toyota Camry models from 2012 to 2014, supporting vehicles equipped with the JBL premium sound system or a large navigation screen (Model B). Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW AND FEATURES

The Leadfan Car Radio Stereo is an advanced infotainment system designed to enhance your driving experience with modern connectivity and entertainment options.

- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, calls, music, and messages. Supports both wired and wireless connections via Bluetooth and Wi-Fi. Voice control is available through Siri and Google Assistant for hands-free operation.
- **10.1-inch HD IPS Touchscreen:** Features a high-definition (1280x720 resolution) IPS display for clear visuals and responsive touch control.
- **Wireless Mirror Link:** Connect your smartphone via USB or Bluetooth to mirror its screen content directly onto the car radio display.
- **Split Screen Functionality:** Run two applications simultaneously on the screen, such as navigation and music, for enhanced multitasking.
- **GPS Navigation & Wi-Fi:** Built-in GPS with support for online and offline maps (e.g., Waze, Google Maps). Connect via Wi-Fi or hotspot to access real-time traffic updates and download apps like YouTube, Netflix, and Spotify from the Google Play Store.
- **Built-in Bluetooth 5.1:** Enables hands-free calling, contact synchronization, and wireless audio streaming.
- **Superior FM Radio & EQ Settings:** Features an FM radio with unlimited preset stations. Customize your audio experience with advanced EQ settings, including preset modes like rock, pop, jazz, and classical.
- **AHD Backup Camera Support:** Compatible with an ultra-wide-angle rear view camera for improved visibility and minimized blind spots, including advanced night vision technology.
- **Steering Wheel Control (SWC):** Supports existing steering wheel controls for adjusting volume, skipping tracks, and answering calls without diverting attention from the road.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any steps, it is recommended to seek professional assistance.

3.1. Compatibility Check

This unit is compatible with Toyota Camry 2012, 2013, and 2014 models. It specifically supports vehicles with the JBL premium sound system or a large factory navigation screen. If you are uncertain about your vehicle's compatibility, please provide your car's model, year, and a picture of your dashboard to Leadfan support for confirmation.

3.2. Package Contents

Before beginning installation, verify that all components are present in the package. Refer to the 'Size & Packing List' image for a visual guide to the included items.

Size & Packing List

298mm/11.73in

335mm/13.18in

10.1 inch

288mm/11.33in

1 Power Cord 4 Reverse Input
2 RCA 5 GPS
3 USB 6 Radio Cable

Backup Camera

WiFi antenna
Bluetooth antenna

Rear View Input

RCA Cable

GPS Antenna

USB Cable*2

Manual

Microphones

Power Cable

Can Bus

1 SUB WOOFER
2 CVBS-IN-1
3 MIC
4 VIDEO OUT
5 AUX IN R
6 AUX IN L
7 AUDIO OUT L
8 AUDIO OUT R
9 AMP CONT

Image: Size and Packing List. This image displays the dimensions of the head unit and lists all included accessories such as the power cord, RCA cables, USB cables, GPS antenna, backup camera, microphones, and manual.

3.3. Installation Process

The unit features plug-and-play harnesses designed to simplify installation, eliminating the need for complex wiring in most cases. The custom-molded frame ensures a perfect fit within your Toyota Camry's dashboard, avoiding gaps often seen with universal models.



Image: Installation Example. This image shows the Leadfan unit installed in a Toyota Camry dashboard, demonstrating its integrated appearance.



Image: Plug and Play Harnesses. This image illustrates the included wiring harnesses, highlighting their plug-and-play design compared to traditional complex wiring.

Plug And Play Harnesses



Our Product

Plug and play, no need for complex wiring.



Traditional Product

Installation is troublesome and requires complex wiring.

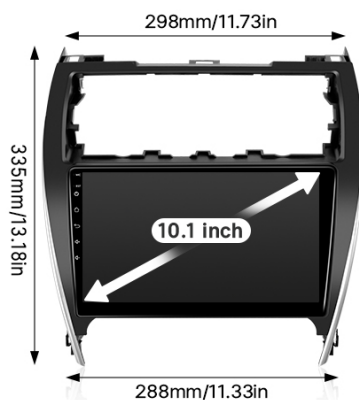


Image: Installation Effect Comparison. This image compares the seamless installation of the Leadfan product with the less aesthetically pleasing fit of a traditional universal product.

3.4. Backup Camera Connection

The reversing input must be connected even if the reversing camera is not used. Ensure the white plug is securely connected to the radio; otherwise, Bluetooth and Wi-Fi functionalities may be unavailable.

Size & Packing List



- ① Power Cord
- ② RCA
- ③ USB
- ④ Reverse Input
- ⑤ GPS
- ⑥ Radio Cable



Backup Camera



Rear View Input



RCA Cable



GPS Antenna



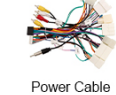
USB Cable*2



Manual



Microphones



Power Cable



Can Bus

Image: How to Connect The Backup Camera. This diagram illustrates the wiring process for connecting the backup camera, showing connections to the power cable, reverse trigger cable, and video extension line.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the various functions of your new car radio stereo.

4.1. Wireless CarPlay and Android Auto

Connect your smartphone via Bluetooth and Wi-Fi to activate Wireless CarPlay or Android Auto. This allows access to your phone's navigation, communication, and media apps directly on the car's display. Use voice commands (Siri or Google Assistant) for safe, hands-free control.

More perfect installation effect



Image: Apple CarPlay & Android Auto & Mirrorlink. This image demonstrates the interfaces for CarPlay, Android Auto, and Mirror Link, showing how phone content is displayed on the car screen.

4.2. GPS Navigation

The unit comes with built-in GPS. Connect to Wi-Fi or a mobile hotspot to use online navigation apps like Google Maps or Waze for real-time traffic updates. Offline maps can also be utilized.



Image: GPS Navigation. This image shows the navigation interface on the car radio screen, with a car driving on a road map.

4.3. Bluetooth Hands-free Calling and Music

Pair your mobile device via Bluetooth to make and receive calls hands-free. The system can synchronize your phone's contact list and call history. You can also stream music wirelessly from your device.



Image: BT Hands-free Calling/Music. This image displays the Bluetooth calling interface and music playback screen, with people enjoying music in a car.

4.4. AHD Backup Camera and Steering Wheel Control

When reversing, the display automatically switches to the backup camera view, providing a wide-angle, high-definition image. The system also supports your vehicle's existing steering wheel controls for convenient operation of audio and call functions.



Image: AHD Backup Camera & SWC. This image shows the backup camera view on the screen and an illustration of steering wheel controls.

4.5. Split Screen Function

Activate the split-screen mode to display two applications simultaneously. For example, you can view navigation on one side and a media player on the other.



Image: Split Screen Function. This image illustrates the split-screen capability, showing navigation and YouTube Music running concurrently.

4.6. Multiple UI Themes

Customize the appearance of your car radio with various user interface themes to match your preference.



Image: Multiple UI Themes. This image displays several different user interface themes available for the car radio.

5. MAINTENANCE

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

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials that could damage the touchscreen.
- **General Cleaning:** Keep the unit and surrounding dashboard area free from dust and debris. Use a soft brush or cloth for vents and crevices.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and performance enhancements. Follow the instructions provided with the update.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect its electronic components.

6. TROUBLESHOOTING

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

- **No Power:** Check all power connections and fuses. Ensure the unit is properly seated in the dashboard.
- **No Sound:** Verify speaker connections. Check volume levels and ensure the mute function is not activated. Confirm EQ settings are not set to extreme values.
- **Bluetooth/Wi-Fi Issues:** Ensure the white plug for the reversing input is securely connected, as this affects wireless functionalities. Restart the unit and your mobile device. Re-pair Bluetooth devices.
- **Touchscreen Unresponsive:** Perform a soft reset of the unit (refer to the manual for specific reset instructions, usually a small reset button). Ensure the screen is clean and free of obstructions.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Move the vehicle to an open area if signal is weak.
- **Backup Camera Not Displaying:** Check the camera's power and video connections. Ensure the reverse gear is engaged.

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

7. SPECIFICATIONS

Feature	Specification
Item Weight	3.3 pounds
Product Dimensions	2 x 2 x 2 inches
Display Size	10.1 Inches
Voice Command	Touchscreen
Brand	Leadfan
Model Name	Model B
Vehicle Service Type	Car
Special Feature	Voice Recognition & Smartphone Integration & Real-time Traffic Updates
Connectivity Technology	Wireless, Bluetooth, USB
Map Type	Road
Memory Storage Capacity	32 GB
Touch Screen Type	Capacitive
Display Type	IPS

8. WARRANTY AND SUPPORT

Leadfan is committed to providing quality products and customer satisfaction.

- **Return Policy:** Enjoy a 60-day worry-free return period.
- **Replacement:** A replacement is available within 12 months of purchase for eligible issues.
- **Technical Support:** Lifetime after-sales consultation and technical support are provided.
- **Contact:** For any questions or support needs, please contact Leadfan via Amazon Email.



Image: Leadfan Customer Support Information. This image outlines the support policies including 24-hour quick reply, 60-day return, 12-month replacement, and lifetime technical support.