

Leadfan X5 Carpaly Car Stereo

Leadfan 7 Inch Touchscreen Car Radio Instruction Manual

Model: X5 Carpaly Car Stereo

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Leadfan 7 Inch Touchscreen Car Radio. This unit features Apple CarPlay, Android Auto, Bluetooth 5.1, a backup camera input, Mirror Link functionality, Steering Wheel Control (SWC) compatibility, and USB/AUX inputs. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image: The Leadfan 7-inch touchscreen car radio unit, remote control, backup camera, and smartphone screens displaying Apple CarPlay and Android Auto interfaces.

PRODUCT OVERVIEW

Key Features

- **7-inch HD Capacitive Touch Screen:** Provides a clear and responsive interface with 1024x600 resolution, supporting video playback up to 1080P.
- **Apple CarPlay & Android Auto (Wired):** Connect your smartphone via USB for navigation, music, calls, and more.
- **Bluetooth 5.1:** Built-in wireless Bluetooth with microphone for hands-free calling, Siri/Google voice assistant control, and audio streaming.
- **Backup Camera Input:** Automatically displays rear view when shifting into reverse, compatible with the included 12-LED HD night vision camera.
- **Mirror Link:** Supports screen mirroring for most Android and iPhone devices via a wired connection.
- **Steering Wheel Control (SWC):** Compatible with existing vehicle steering wheel controls for convenient operation.

- **FM Radio Receiver:** High-quality stereo receiver with up to 18 preset stations for news, weather, and music.
- **Equalizer and Subwoofer Output:** Built-in equalizer with 5 preset sound modes (pop, jazz, classical, rock, electro) and 1 user-defined mode, plus subwoofer output.
- **USB/AUX Input:** Multiple connectivity options for media playback and device charging.

What's in the Box

- 1 x Leadfan 7 Inch Double Din Car Stereo
- 1 x Rear View Camera
- 1 x Backup Camera Cable
- 1 x Remote Control
- 2 x Wiring Harnesses
- 2 x Brackets
- 4 x Screws
- 1 x English User Manual

SETUP & INSTALLATION

Product Dimensions

The car stereo unit has specific dimensions: 173mm (L) x 65mm (W) x 98mm (H) / 6.81 inches (L) x 2.56 inches (W) x 3.86 inches (H). Please measure your vehicle's dashboard opening to ensure compatibility. Some vehicles may require a double DIN dash kit, a wire harness adapter, or an antenna adapter for proper installation.



Image: Detailed diagram illustrating the standard double DIN dimensions of the car stereo and a comprehensive wiring schematic for installation, including connections for the rear camera, external amplifier, and power.

Wiring Instructions

Refer to the provided wiring diagram (as shown in the image above and in the included manual) for correct connections. Each colored wire corresponds to a specific function. Ensure all connections are secure to prevent malfunctions.

- **Power Wires:**

- Red (ACC Ignition Switch +12V)
- Yellow (12V Power Supply +12V)
- Black (GND/Ground wire B-)

- **Speaker Wires:** Connect to your vehicle's speakers (Front Left, Front Right, Rear Left, Rear Right).
- **Backup Camera:** Connect the camera's video output to the unit's "REVERSE" input. The camera's power should be connected to the vehicle's reverse light circuit.
- **Steering Wheel Controls (SWC):** Connect the KEY1 and KEY2 wires to your vehicle's SWC wires.

- **Antenna:** Connect your vehicle's radio antenna to the unit.

Important: Incorrect wiring can damage the unit or your vehicle's electrical system. If you are unsure, consult a professional installer.

OPERATING INSTRUCTIONS

Bluetooth 5.1 Connectivity

The unit features Bluetooth 5.1 for hands-free communication and audio streaming. To pair your device:

1. Turn on Bluetooth on your smartphone.
2. On the car stereo, navigate to the Bluetooth menu.
3. Search for available devices on your phone and select "Leadfan" or a similar name.
4. Confirm the pairing code if prompted.

Once paired, you can make/receive calls, access your phone book, and stream music. Voice assistants like Siri or Google Assistant can be controlled through the unit's built-in microphone.



Image: The car stereo display showing an active Bluetooth call and visual cues for activating Siri and Google voice assistants, highlighting hands-free operation.

Apple CarPlay & Android Auto (Wired)

Connect your iPhone or Android smartphone via a USB cable to enable Apple CarPlay or Android Auto. This allows you to access compatible apps for navigation, music, messaging, and more directly on the car stereo's screen.

1. Connect your smartphone to the unit's USB port using an original or high-quality USB cable.
2. The unit will automatically detect and launch CarPlay or Android Auto.
3. Follow any on-screen prompts on your phone or the car stereo.

Note: This unit obtains GPS navigation functionality by connecting to your cellphone; it does not have a built-in GPS module.



Image: The car stereo screen showcasing the Apple CarPlay and Android Auto user interfaces, along with examples of Mirror Link functionality displaying smartphone content on the unit.

Mirror Link Function

Mirror Link allows you to display your smartphone's screen directly onto the car stereo. This function supports most Android and iPhone devices. Connect your phone via USB and follow the on-screen instructions to activate Mirror Link.

FM Radio Operation

Access the FM radio function from the main menu. You can scan for stations, save up to 18 preset stations, and listen to broadcasts, weather forecasts, and real-time road conditions.

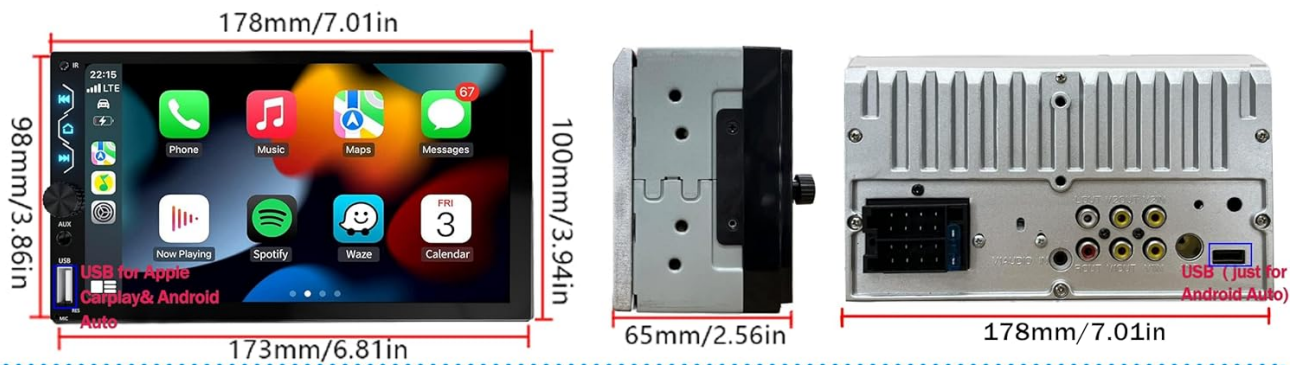


Image: The car stereo display showing the FM radio interface, including frequency tuning, preset station buttons, and a visual representation of radio waves.

Backup Camera Function

When the backup camera is correctly installed and wired, the car stereo display will automatically switch to the rear view when you shift your vehicle into reverse. The included camera features 12 LEDs for night vision and a 170° ultra-wide viewing angle.

100% Standard Double Din Size



Pls confirm your dashboard size again before ordering!

If your dash open size is not suitable, you need to buy a suitable dash kit. Most dash kit with 178x100mm opening (Metra, PAC, Scosche dash kit, etc.), perfect match with stereos.

Please note: Except for the Rear Camera, other accessories are not included in this product and need to be purchased by yourself.

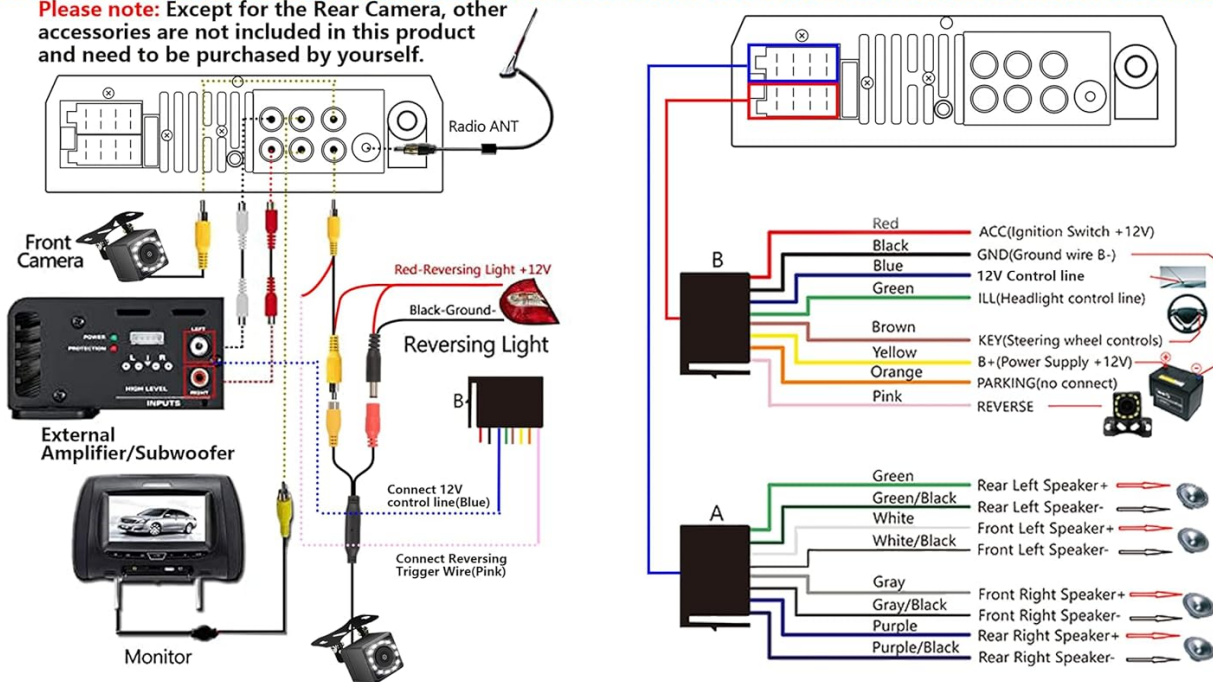


Image: The car stereo display showing the live feed from the backup camera, complete with parking guidelines, demonstrating its utility for safe reversing.

Steering Wheel Controls (SWC)

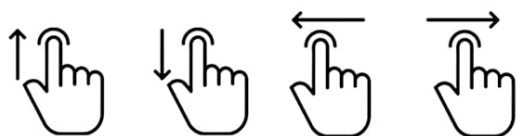
If your vehicle supports Steering Wheel Controls and they are correctly wired, you can configure them through the unit's settings menu. This allows you to control functions like volume, track skipping, and mode selection directly from your steering wheel.

HD Capacitive Touch Screen

With its **1024 x 600** resolution, support video up to 1080P.



For your safety and legal issues, we can not watch videos while driving on the road unless pulling on the handbrake



800x480p
General Screen

Image: The car stereo display showing the menu for configuring Steering Wheel Controls and the graphic equalizer interface with various sound presets.

Equalizer (EQ) and Sound Settings

The built-in equalizer offers 5 preset sound modes (pop, jazz, classical, rock, electro) and one user-customizable mode. Access the EQ settings to adjust audio frequencies for an enhanced listening experience. The unit also features a physical volume knob for easy adjustments while driving.

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 touchscreen and unit exterior. Avoid abrasive cleaners or solvents.
- **Temperature:** Do not expose the unit to extreme temperatures.

- **Connections:** Periodically check all wiring connections to ensure they are secure.

TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, power supply issue.	Check power connections (Red, Yellow, Black wires). Verify vehicle fuse. Ensure proper 12V power supply.
No sound.	Speaker wires disconnected, volume too low, incorrect audio source.	Check speaker wiring. Increase volume. Select correct audio input (FM, Bluetooth, USB, AUX).
Bluetooth pairing fails.	Bluetooth not enabled on phone/unit, device too far, interference.	Ensure Bluetooth is active on both devices. Keep devices close. Try restarting both devices.
CarPlay/Android Auto not connecting.	Faulty USB cable, phone not compatible, software issue.	Use an original or certified USB cable. Ensure your phone's OS is up to date. Try restarting the unit and phone.
Backup camera not displaying.	Incorrect wiring, camera power issue, reverse signal not detected.	Verify camera video and power connections. Ensure the reverse trigger wire is correctly connected.
Unit reboots randomly or freezes.	Overheating, power fluctuation, software glitch.	Ensure adequate ventilation around the unit. Check power connections for stability. Locate the small reset button (often a pinhole) on the unit and press it with a thin object to perform a system reset.

If problems persist, please contact Leadfan customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model	X5 Carpaly Car Stereo
Screen Size	7 Inch
Screen Type	HD Capacitive Touchscreen
Product Dimensions	173 x 65 x 98 mm (7.01 x 2.56 x 3.86 inches)
Item Weight	2.05 pounds
Bluetooth Version	5.1
CarPlay/Android Auto	Wired connection

Feature	Detail
Special Features	Mirror Link, EQ, FM Radio, SWC, Backup Camera, Mic, USB/AUX Input
Wattage	240 watts
Connectivity Technology	Bluetooth, USB
Controller Type	Google Assistant, Siri
Compatible Devices	Smartphone, Speaker
Audio Output Mode	Stereo
Video Encoding Support	RM/RMVB/DVD(VOB)/VCD(DAT)/MP1/MP2/DIVX/XVID/MP4

WARRANTY & SUPPORT

Leadfan is committed to providing quality products and customer service.



- **Quality Assurance:** The product comes with a 1-year quality assurance.
- **Return Policy:** A 30-day return policy is applicable.
- **Customer Service:** Expect an online reply to inquiries within 16 hours.
- **Technical Support:** Lifetime after-sales consultation and technical support are provided.
- **Replacement:** Replacement options are available within 12 months of purchase.





For any questions, technical assistance, or warranty claims, please contact Leadfan customer support through the platform where you purchased the product or visit the official Leadfan store page.

IMPORTANT SAFETY INFORMATION

Always prioritize safety while operating your vehicle. Do not operate the car stereo in a way that distracts you from driving. Avoid watching videos or performing complex operations while the vehicle is in motion. Ensure all wiring is correctly installed to prevent electrical hazards. Consult a professional for installation if you are not confident in your abilities.

Related Documents - X5 Carpaly Car Stereo

	<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>