Alpine ILX-W670

Alpine ILX-W670 Multimedia Receiver Instruction Manual

Model: ILX-W670 | Brand: Alpine

1. Introduction

The Alpine ILX-W670 multimedia receiver is designed to enhance your in-car audio and connectivity experience. This manual provides essential information for the proper installation, operation, and maintenance of your new system. It features wired Apple CarPlay and Android Auto integration, seamless Bluetooth connectivity, and advanced audio controls, all within a shallow chassis for versatile installation.



Image: Alpine ILX-W670 Multimedia Receiver shown with Metra 70-5520 in-Dash Radio Harness and METRA 95-5812 2 DIN Mounting Kit.

2. Product Overview

The ILX-W670 is an evolution of previous Alpine models, offering a robust set of features for modern vehicle integration. Its shallow chassis design allows for installation in a wider range of vehicles, including those with limited dash depth. The unit supports a full Alpine ecosystem, allowing for integration with various Alpine amplifiers and speakers.

Key Features:

- **Wired Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, music, and communication.
- **Bluetooth Connectivity:** For hands-free calling and audio streaming.
- **Advanced Audio Control:** Features bass management, 13-band EQ, and versatile crossovers for fine-tuning

your sound.

- **Shallow Chassis Design:** Ensures compatibility with various dash configurations, including those with limited space.
- **4-Volt Pre-Outs:** Allows for easy expansion with external amplifiers for speakers and subwoofers.
- **PrismaLink Control:** Integrated lighting control for compatible Alpine accessories.
- **Steering Wheel Control Input:** Compatible with universal steering wheel control adapters.
- **Camera Inputs:** Supports rear-view and front-view cameras for enhanced safety.

Included Components:

- Alpine ILX-W670 7" Car Receiver
- Metra 70-5520 in-Dash Radio Harness (Compatible with Ford 2003-2006)
- METRA 95-5812 2 DIN Mounting Kit (Compatible with Ford 04-07)
- USB Extension Cable
- GPS Antenna Extension
- Microphone

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Video: An overview of the Alpine iLX-W670 multimedia receiver, highlighting its features and compatibility with other Alpine products.

3. Setup & Installation

Proper installation is crucial for optimal performance. It is recommended to consult a professional car audio installer if you are unfamiliar with car electronics wiring.

General Steps:

1. **Preparation:** Disconnect the vehicle's battery before starting any electrical work.
2. **Remove Existing Radio:** Carefully remove the factory radio and dash trim. Refer to your vehicle's service manual for specific instructions.
3. **Assemble Mounting Kit:** Use the provided METRA 95-5812 2 DIN Mounting Kit to secure the Alpine ILX-W670 receiver. Ensure the brackets are correctly aligned for a snug fit.
4. **Wiring Harness Connection:** Connect the Metra 70-5520 in-Dash Radio Harness to the vehicle's wiring and then to the Alpine receiver. Match wire colors according to the provided wiring diagrams. Ensure all connections are secure and insulated.
5. **Accessory Connections:** Connect the USB extension, GPS antenna, and microphone to the receiver. Route these cables to desired locations within the vehicle.
6. **Camera Installation (Optional):** If installing a rear-view camera (e.g., Alpine HCE-C1100), route the camera cable from the rear of the vehicle to the receiver. Connect the camera's power wire to the vehicle's reverse light circuit and the ground wire to a metal bolt on the vehicle's frame.
7. **Test Connections:** Before reassembling the dash, reconnect the battery and test all functions of the receiver, including audio, CarPlay/Android Auto, Bluetooth, and camera inputs.
8. **Reassemble Dash:** Once all functions are verified, carefully reassemble the dash trim and secure the receiver in place.

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Video: A 360-degree view of the Alpine ILX-W670 receiver, showcasing its physical design and connection ports.

4. Operating Instructions

The Alpine ILX-W670 features a responsive touchscreen interface for intuitive control.

Basic Operation:

- **Power On/Off:** Press and hold the power button (usually a physical button or a soft button on the screen) to turn the unit on or off.
- **Volume Control:** Use the dedicated volume buttons or the on-screen slider to adjust audio levels.
- **Source Selection:** Tap the "Home" icon or swipe through the main menu to select desired audio sources (Radio, USB, Bluetooth Audio, Apple CarPlay, Android Auto, AUX, Camera).
- **Radio Tuning:** In Radio mode, use the on-screen arrows or seek function to tune to desired stations. Save your favorite stations as presets.
- **Bluetooth Pairing:** Access the Bluetooth menu in settings to pair your smartphone for hands-free calls and audio streaming.
- **Apple CarPlay / Android Auto:** Connect your compatible smartphone via USB. The system will automatically launch the respective interface, providing access to phone features optimized for driving.

5. Audio Features

The ILX-W670 offers extensive audio customization options to tailor your listening experience.

- **13-Band Equalizer:** Adjust frequency bands to achieve your preferred sound profile.
- **Bass Boost & Mid-Bass Boost:** Enhance low-frequency response for a richer sound.
- **Subwoofer Controls:** Manage subwoofer output levels and crossover frequencies.
- **Time Correction:** Optimize sound staging for a more immersive audio experience.
- **Versatile Crossovers:** Configure high-pass and low-pass filters for speakers and subwoofers.

6. Connectivity

Stay connected and entertained with the various connectivity options:

- **USB:** Connect smartphones for Apple CarPlay/Android Auto or USB drives for media playback.
- **Bluetooth:** Wireless audio streaming and hands-free calling.
- **AUX Input:** For connecting external audio devices.
- **GPS Antenna:** Provides accurate location data for navigation apps on connected smartphones.
- **SiriusXM Ready:** Connect an optional SiriusXM Connect Vehicle Tuner (SXV300) for satellite radio access.

7. Camera Integration

Enhance safety and convenience with camera inputs:

- **Rear-View Camera:** Automatically displays the rear view when the vehicle is in reverse.
- **Front-View Camera:** Provides a view of the area in front of the vehicle.



Image: The Alpine ILX-W670's main menu interface, displaying various function icons.

8. Maintenance

To ensure the longevity and optimal performance of your Alpine ILX-W670, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit and surrounding dash area free from dust and debris. Use a soft brush or compressed air to clean vents and crevices.
- **Cable Inspection:** Periodically check all connected cables for any signs of wear, fraying, or loose connections. Secure or replace damaged cables as needed.
- **Software Updates:** Check the Alpine website for any available firmware updates for your ILX-W670 model. Follow the instructions carefully to ensure a successful update.

9. Troubleshooting

If you encounter any issues with your ILX-W670, refer to the following common troubleshooting tips:

- **No Power:**
  - Check the vehicle's fuse box for any blown fuses related to the radio or accessory power.
  - Ensure all power connections to the receiver are secure.
- **No Audio:**
  - Verify that the volume is turned up and not muted.
  - Check speaker wire connections at both the receiver and the speakers.
  - Ensure the correct audio source is selected.
- **Apple CarPlay / Android Auto Not Connecting:**
  - Ensure your smartphone is compatible and running the latest software.
  - Try a different USB cable, preferably the original cable that came with your phone.
  - Restart both your phone and the receiver.
- **Bluetooth Issues:**
  - Ensure Bluetooth is enabled on both the receiver and your smartphone.
  - Delete the pairing from both devices and attempt to re-pair.
  - Move your phone closer to the receiver to rule out interference.
- **Rear-View Camera Not Displaying:**
  - Check the camera's power and video connections.
  - Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.

If problems persist, consult the Alpine support website or contact a certified service technician.

10. Specifications

Feature	Specification
Model Number	ILX-W670
Screen Size	7-inch
Chassis Type	Shallow Mount Double-DIN
Connectivity	Wired Apple CarPlay, Wired Android Auto, Bluetooth, USB, AUX
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Pre-Outs	4-Volt
Special Features	Spotify, Touchscreen, PrismaLink Control, Steering Wheel Control Input

Color	Black

11. Warranty & Support

For warranty information and technical support, please refer to the official Alpine website or contact their customer service. Keep your proof of purchase for any warranty claims.

Online Resources: www.alpine-usa.com

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.

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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