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Alpine ILX-W670

Alpine ILX-W670 7-Inch Receiver + SWI-CP2 Steering Wheel Interface Instruction Manual

Model: ILX-W670 | Brand: Alpine

1. INTRODUCTION AND OVERVIEW

The Alpine iLX-W670 Digital Multimedia Receiver is designed to enhance your in-car audio and entertainment experience. This unit features a 7-inch touchscreen display and offers seamless connectivity with Apple CarPlay and Android Auto. It also includes advanced sound control options and is compatible with the PAC Audio SWI-CP2 Universal Analog/CAN-Bus Steering Wheel Control Interface for integrated vehicle control.

Key features include:

- 7-inch Touchscreen Display with Standard Double-DIN Fitment
- 5-Color Key Illumination and Customizable Home Screen
- Wired Apple CarPlay and Android Auto Compatibility
- Bluetooth Hands-Free Calling and Audio Streaming
- SiriusXM-Ready (tuner and subscription sold separately)
- PowerStack Capable for direct amplifier mounting
- Sound Boost Menu with Bass Boost, Mid-Bass Boost, and Subwoofer Controls
- 13-band Graphic EQ, 6-channel Time Correction, and Versatile Crossovers
- PAC Audio SWI-CP2 Universal Analog/CAN-Bus Steering Wheel Control Interface for easy integration

2. WHAT'S IN THE BOX

Upon opening the package, you should find the following components:

- Alpine iLX-W670 Digital Multimedia Receiver
- PAC Audio SWI-CP2 Universal Analog/CAN-Bus Steering Wheel Control Interface
- Wiring Harness
- USB Extension Cable
- GPS Antenna
- External Bluetooth Microphone
- Installation Manual and Warranty Information



Image: The PAC Audio SWI-CP2 Universal Steering Wheel Control Interface and its accompanying wiring harness, essential for integrating steering wheel controls with the Alpine receiver.

3. SETUP AND INSTALLATION

The iLX-W670 is designed for standard double-DIN fitment and features a shallow mounting chassis, allowing for installation in a wider range of vehicles. The unit is PowerStack compatible, meaning Alpine KTA-200M or KTA-450 amplifiers can be directly mounted to the chassis to boost power without requiring additional installation space.

3.1 Wiring Connections

Connect the main wiring harness to your vehicle's power, ground, and speaker wires. Ensure all connections are secure and properly insulated. The included USB extension cable allows for flexible placement of the USB port within your vehicle, such as in the glove box or center console.



Image: The Alpine ILX-W670 receiver displaying its home screen with icons for Radio, Apple CarPlay, Android Auto, USB, iPod, SiriusXM, Bluetooth Audio, and Phone.

3.2 Steering Wheel Control Interface (SWI-CP2)

The PAC Audio SWI-CP2 interface allows you to retain your vehicle's factory steering wheel controls. Refer to the SWI-CP2's specific instructions for vehicle configuration via DIP switches or the ControlPRO APPs (PC, iOS & Android). This interface supports both analog (resistive) and CAN-Bus steering wheel control systems and offers customizable button functions.

Your browser does not support the video tag.

Video: An overview of the Alpine iLX-W670-S Multimedia Receiver, highlighting its features and capabilities. This video provides a visual guide to the product's design and functionality.

4. OPERATING INSTRUCTIONS

4.1 Touchscreen Interface

The 7-inch touchscreen display provides an intuitive interface for navigating menus, selecting audio sources, and interacting with applications. The customizable home screen allows you to arrange your most frequently used functions for quick access.



Image: A hand interacting with the Alpine ILX-W670 touchscreen, specifically touching the SiriusXM icon, demonstrating the unit's touch responsiveness.

4.2 Apple CarPlay and Android Auto

Connect your compatible smartphone via USB to access Apple CarPlay or Android Auto. This allows you to use navigation, make calls, send messages, and enjoy music directly from your phone's interface displayed on the receiver's screen, minimizing distractions while driving.



Image: A hand interacting with the Alpine iLX-W670 touchscreen, specifically touching the Android Auto icon, demonstrating the unit's touch responsiveness.

4.3 Bluetooth Connectivity

Pair your Bluetooth-enabled device for hands-free calling and wireless audio streaming. The external microphone ensures clear voice transmission during calls.

5. SOUND CUSTOMIZATION

The iLX-W670 offers extensive audio tuning capabilities to personalize your listening experience:

- **Sound Boost Menu:** Access expanded Bass Boost, Mid-Bass Boost, and Subwoofer Controls directly from the menu.
- **13-band Graphic EQ:** Fine-tune the frequency response of your audio system.
- **6-channel Time Correction:** Adjust the sound timing for each speaker to create an optimal sound stage.
- **Versatile Crossovers:** Configure crossovers for front speakers, rear speakers, and the subwoofer to ensure clear audio separation.

- **Lighting Link Control:** If you have Alpine PrismaLink subwoofer enclosures, you can control their lighting directly from the screen.



Image: The Sound Boost menu on the Alpine ILX-W670, showing options for Bass Boost, Mid-Bass Boost, Subwoofer controls, and Lighting Link functionality.

6. CAMERA FEATURES

The receiver supports a rear-view camera input, which automatically displays the camera feed when the vehicle is in reverse. This feature enhances safety and simplifies parking maneuvers.

7. MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, dry cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the display.
- **Software Updates:** Periodically check the Alpine website for firmware updates to ensure your unit has the latest features and bug fixes.
- **Wiring Inspection:** Regularly inspect all wiring connections for any signs of wear or damage. Ensure connections remain secure.

8. TROUBLESHOOTING

If you encounter issues with your iLX-W670, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse	Check power and ground connections. Inspect vehicle's fuse box and the unit's fuse.
No Audio Output	Incorrect speaker wiring, mute activated, volume too low	Verify speaker connections. Check mute status and increase volume.
CarPlay/Android Auto Not Connecting	Faulty USB cable, phone not compatible, software issue	Try a different USB cable. Ensure phone is compatible and updated. Restart phone and receiver.

Problem	Possible Cause	Solution
Bluetooth Pairing Issues	Device not in pairing mode, interference	Ensure device is in pairing mode. Delete previous pairings and try again. Move closer to the unit.

For more detailed troubleshooting or issues not listed here, please consult the full user manual or contact Alpine customer support.

9. SPECIFICATIONS

- **Item Weight:** 10 pounds
- **Package Dimensions:** 19 x 15 x 9 inches
- **Item Model Number:** AlpineBDL230912-02
- **ASIN:** B0CJG2MP1C
- **Date First Available:** September 20, 2023

10. WARRANTY AND SUPPORT

The Alpine iLX-W670 comes with a **1-Year Manufacturer Warranty**. For warranty claims, technical support, or additional product information, please visit the official Alpine website or contact their customer service department. Keep your proof of purchase for warranty validation.

Your browser does not support the video tag.

Video: A 360-degree view of the Alpine ILX-W670 receiver, showcasing its design and various connection points from all angles.