

## LINHAMCOLN B0DH78RL2V

# LINHAMCOLN Android Car Screen Radio Stereo User Manual

Model: B0DH78RL2V for Chevrolet Camaro 2008-2015

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## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your LINHAMCOLN Android Car Screen Radio Stereo. This head unit is specifically designed as a direct plug-and-play replacement and upgrade for Chevrolet Camaro models manufactured between 2008 and 2015. It integrates advanced features such as wireless CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, and a high-resolution touch screen display.



Figure 1.1: The LINHAMCOLN Android Car Screen Radio Stereo displaying its main user interface with various application icons.

## 2. SETUP AND INSTALLATION

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The LINHAMCOLN Android Car Screen Radio Stereo is designed for a plug-and-play installation in compatible Chevrolet Camaro models (2008-2015). All necessary accessories for installation, including the dash kit, power wire cable, RCA cable, reversing camera cable, and USB cables, are included.

### 2.1 Pre-Installation Checklist

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Verify all included components against the packing list.
- Familiarize yourself with the vehicle's existing dashboard layout and wiring.

### 2.2 Installation Steps

1. **Remove the Original Radio:** Carefully remove the existing factory radio and dashboard trim. Refer to your vehicle's service manual for specific instructions on trim panel removal.
2. **Connect Wiring Harness:** Connect the provided power wire cable, RCA cable, and other necessary cables to the new head unit. Ensure all connections are secure.

3. **Integrate Vehicle-Specific Components:** Connect the reversing camera cable and USB cables as required. The unit supports original steering wheel control functions; connect the appropriate wiring to retain this functionality.
4. **Mount the New Head Unit:** Secure the LINHAMCOLN Android Car Screen Radio Stereo into the dashboard opening using the provided dash kit.
5. **Reconnect Battery and Test:** Reconnect the vehicle's battery. Turn on the ignition and test all functions of the new head unit, including audio, touch screen response, Bluetooth, GPS, CarPlay/Android Auto, and reverse camera input.
6. **Final Assembly:** Once all functions are verified, reassemble the dashboard trim panels.



Figure 2.1: Visual comparison showing the original Chevrolet Camaro radio setup and the new LINHAMCOLN Android head unit installed in the dashboard.

# Back Diagram

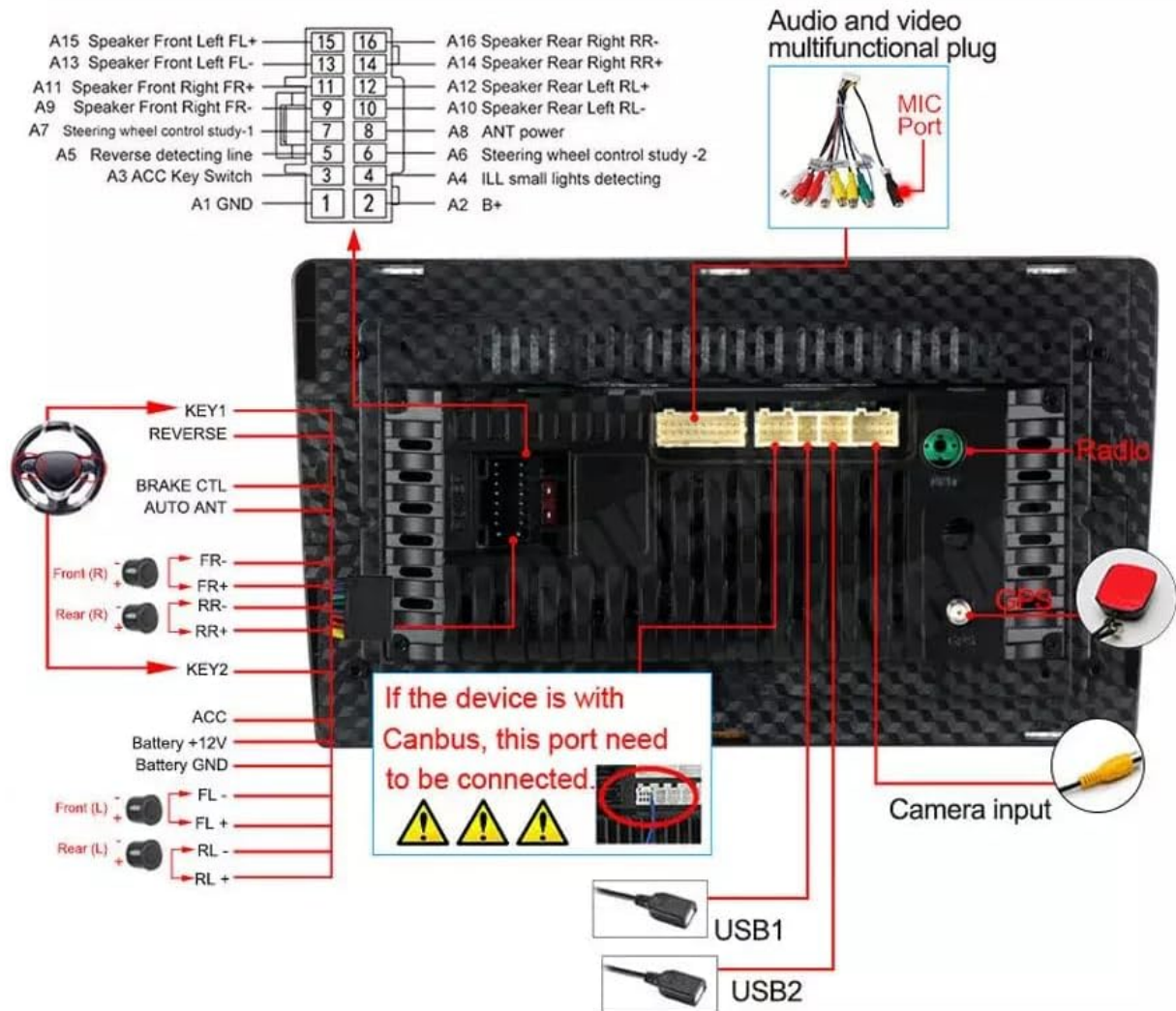


Figure 2.2: Detailed back diagram illustrating the various ports and wiring connections for the LINHAMCOLN head unit, including power, audio, USB, and camera inputs.

## 3. OPERATION

The LINHAMCOLN Android Car Screen Radio Stereo features a 9-inch 1024\*600 high-resolution capacitive touch screen, providing an intuitive user experience. The system runs on an Android operating system, offering access to various applications and functionalities.

### 3.1 Main Interface and Navigation

Upon startup, the main interface displays icons for key functions such as Music, Video, Application launcher, Radio, and Settings. Tap on an icon to access the corresponding feature.



Figure 3.1: The main application screen of the Android head unit, featuring icons for various functions like music, video, and radio.

### 3.2 Wireless CarPlay and Android Auto

The unit supports both wireless and wired CarPlay for iOS devices and Android Auto for Android devices. This allows seamless integration of your smartphone for navigation, music, calls, and messaging.

- **To connect CarPlay (iOS):** Ensure Bluetooth and Wi-Fi are enabled on your iPhone. Follow the on-screen prompts on the head unit to pair your device wirelessly.
- **To connect Android Auto (Android):** Ensure Bluetooth and Wi-Fi are enabled on your Android phone. For wired connection, use a USB cable. Follow the on-screen prompts to establish the connection.



Figure 3.2: The head unit displaying both CarPlay (for iOS) and Android Auto (for Android) interfaces, showcasing smartphone integration.

### 3.3 GPS Navigation

The system includes a built-in GPS navigation system. You can download and use various navigation applications from the Google Play Store, such as Google Maps, iGO, Waze, or Navitel. The unit supports North America map types.

# Support Navigation Applications

You only need to download the app from Google Play

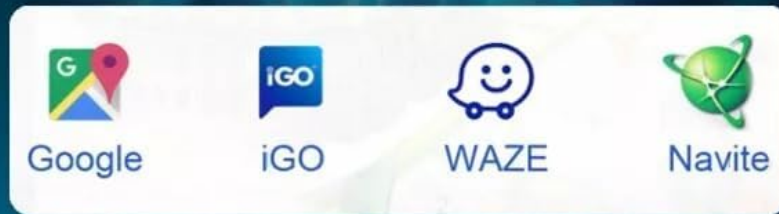


Figure 3.3: The car stereo screen showing a navigation map, with icons for popular navigation applications like Google Maps, iGO, Waze, and Navitel.

## 3.4 Bluetooth Connectivity

The integrated Bluetooth module allows for hands-free calling and Bluetooth music streaming. Pair your smartphone with the head unit via Bluetooth settings to utilize these features.

- **Pairing:** Go to the Bluetooth settings on the head unit and your phone. Search for available devices on your phone and select the head unit's name. Confirm the pairing code if prompted.
- **Hands-Free Calls:** Once paired, you can make and receive calls directly through the head unit's interface.
- **Music Streaming:** Play audio from your phone through the car's speakers via Bluetooth.

### 3.5 Rear View Camera Support

The unit supports a rear view camera input. When the vehicle is shifted into reverse, the display automatically switches to the camera feed, providing improved visibility and parking assistance. The display offers significantly improved clarity for clear visibility of images.



Figure 3.4: The car stereo screen showing a clear image from a rear view camera, complete with parking guidelines for assistance.

### 3.6 Other Features

- **FM Radio:** Access and tune into FM radio stations.
- **Media Playback:** Supports 1080P video playback and various audio formats via USB inputs.
- **Steering Wheel Control:** Retains original steering wheel control functions for easy access to volume, track changes, and other features without taking hands off the wheel.

## 4. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your LINHAMCOLN Android Car Screen Radio Stereo.

## 4.1 Cleaning the Screen

- Use a soft, lint-free cloth (e.g., microfiber cloth) to gently wipe the screen.
- For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- Do not spray cleaning solutions directly onto the screen.

## 4.2 Software Updates

Periodically check for software updates to ensure your system has the latest features and security enhancements. Updates can typically be found in the system settings menu or on the manufacturer's support website.

## 4.3 General Care

- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Ensure all cables are securely connected and not pinched or damaged.
- Do not attempt to open the unit or perform repairs yourself, as this may void the warranty.

# 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your LINHAMCOLN Android Car Screen Radio Stereo.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No audio output.	Volume too low, mute activated, speaker wiring issue, incorrect audio source.	Increase volume. Check if mute is active. Verify speaker connections. Select correct audio source.
Touch screen unresponsive.	Temporary software glitch, screen calibration needed.	Restart the unit. If issue persists, perform a system reset (refer to settings menu).
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off, incorrect pairing, incompatible phone, faulty USB cable.	Ensure Bluetooth and Wi-Fi are on. Re-pair device. Try a different USB cable for wired connection. Check phone compatibility.
GPS signal weak or inaccurate.	Poor satellite reception, antenna obstruction, outdated map data.	Ensure clear view of the sky. Check GPS antenna connection. Update navigation app maps.
Rear view camera not displaying.	Loose camera connection, faulty camera, incorrect wiring for reverse trigger.	Check camera cable connections. Verify reverse trigger wire is correctly connected. Test camera functionality.

If the problem persists after attempting these solutions, please contact customer support.

# 6. SPECIFICATIONS

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Key technical specifications for the LINHAMCOLN Android Car Screen Radio Stereo.

<b>Model Number</b>	B0DH78RL2V
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<b>Compatible Vehicle</b>	Chevrolet Camaro (2008-2015)
<b>Screen Size</b>	9 Inches
<b>Display Type</b>	Capacitive Touch Screen
<b>Resolution</b>	1024*600
<b>Processor</b>	Quad Core CPU
<b>RAM</b>	2 GB
<b>Internal Storage (ROM)</b>	32 GB
<b>Operating System</b>	Android
<b>Connectivity</b>	Wi-Fi, Bluetooth (Built-In)
<b>Navigation System</b>	Built-in GPS (Supports North America maps)
<b>Smartphone Integration</b>	Wireless CarPlay, Wired/Wireless Android Auto
<b>Audio Output Mode</b>	Stereo
<b>Video Playback</b>	1080P Support
<b>Included Components</b>	Dash kit, Power wire cable, RCA cable, Reversing camera cable, USB cables
<b>Item Weight</b>	1.2 kg

## 7. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries regarding your LINHAMCOLN Android Car Screen Radio Stereo, please refer to the documentation included with your purchase or contact the manufacturer directly.

**Manufacturer:** LINHAMCOLN

Please have your model number (B0DH78RL2V) and purchase date ready when contacting support.

