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> Lodderly 9.7-inch Android 13 Car Stereo for Chevrolet Chevy Cruze (2009-2016) Instruction Manual

Lodderly 9.7inch Android 13 Car Stereo

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INSTRUCTION MANUAL FOR CHEVROLET CHEVY CRUZE (2009-2016)

Model: 9.7inch Android 13 Car Stereo

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Lodderly 9.7-inch Android 13 Car Stereo. This unit is designed to enhance your driving experience with advanced features such as wireless CarPlay, Android Auto, GPS navigation, Wi-Fi, and Bluetooth connectivity. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Compatibility

This car stereo is specifically designed for the following vehicle models:

- **Chevrolet Chevy Cruze:** 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016

3. Package Contents

Verify that all items listed below are present in your package:

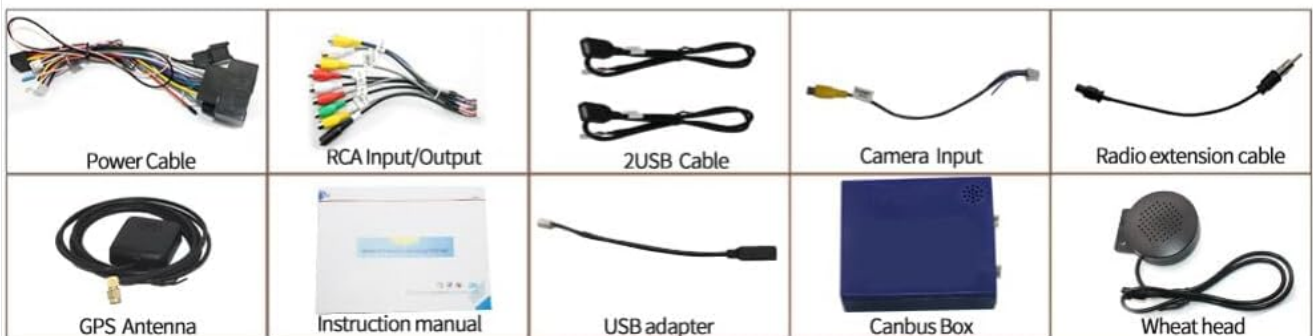


Figure 3.1: Included Components. This image displays the main head unit, power cable, RCA input/output cables, two USB cables, camera input cable, radio extension cable, GPS antenna, the instruction manual, a USB adapter, a Canbus Box, and a microphone.

- 9.7-inch Android 13 Car Stereo Unit
- Power Cable
- RCA Input/Output Cables
- 2x USB Cables
- Camera Input Cable
- Radio Extension Cable
- GPS Antenna
- Instruction Manual (this document)
- USB Adapter
- Canbus Box
- Microphone

4. Installation Guide

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation

to prevent electrical damage.

4.1 Pre-Installation Overview



Figure 4.1: Before and After Installation. This image illustrates the visual transformation of the Chevrolet Cruze dashboard, replacing the original factory radio with the new 9.7-inch Android car stereo.

4.2 Wiring Diagram

Refer to the detailed wiring diagram for correct connections. Improper wiring can lead to malfunction or damage.



Figure 4.2: Rear View and Wiring. This image provides a clear view of the back of the car stereo unit with all necessary cables and the Canbus box connected, indicating the various input and output ports.

1. **Power Connection:** Connect the main power harness to the vehicle's wiring. Ensure correct polarity.
2. **Canbus Box:** Integrate the Canbus box as per the vehicle's specific wiring instructions to ensure steering wheel controls and other vehicle data functions.
3. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
4. **USB Cables:** Route the USB cables to an accessible location for connecting external devices.
5. **RCA Cables:** Connect RCA cables for external amplifiers, subwoofers, or auxiliary video inputs/outputs as needed.
6. **Camera Input:** Connect the backup camera cable to the designated input.
7. **Microphone:** Connect the external microphone for improved call quality.

4.3 Post-Installation Appearance

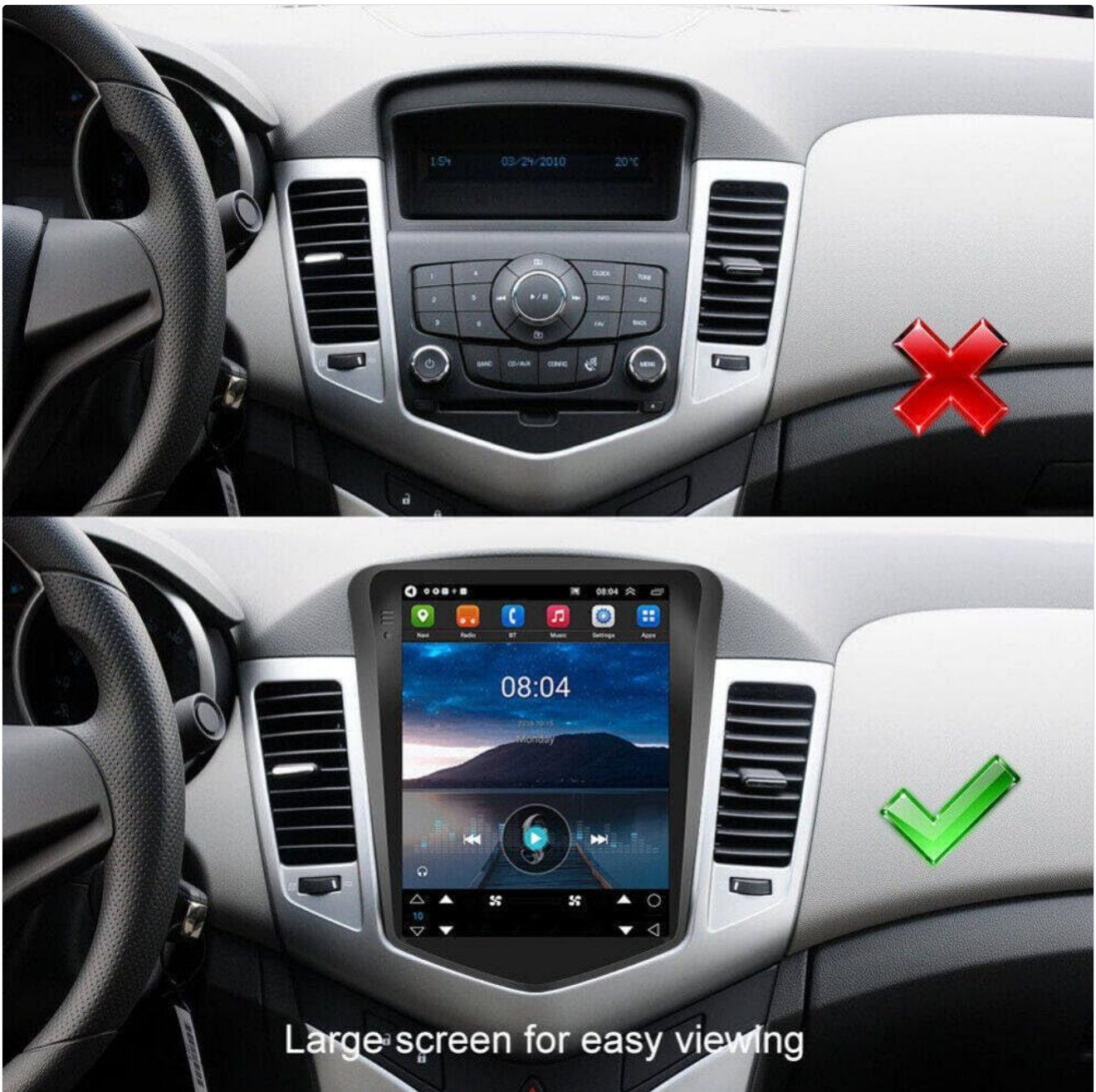


Figure 4.3: Enhanced Viewing Experience. This image contrasts the smaller factory radio with the larger, more immersive 9.7-inch display of the Loddery car stereo, emphasizing improved visibility and user interaction.

5. Basic Operation

5.1 Power On/Off

The unit powers on automatically with the vehicle's ignition. To manually power off or restart, press and hold the power button (if available) or use the software option in the settings menu.

5.2 Touch Screen Interface

Navigate the Android 13 operating system using the capacitive touch screen. Swipe, tap, and pinch gestures are supported for intuitive control of applications and settings.

6. Key Features and Functions

6.1 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly for seamless integration of navigation, music, calls, and messages.

Carplay Connection

You can choose wired connection or wireless connection to carplay, connect to iPhone, access mobile phone address book, mail, notification, map navigation, music, video and other information, realize voice control.



Figure 6.1: CarPlay Connection. This image demonstrates how CarPlay integrates your iPhone's interface onto the car stereo, allowing access to essential apps and features.

- **Connection:** Access the CarPlay/Android Auto application on the stereo and follow the on-screen instructions to pair your device via Bluetooth and Wi-Fi.
- **Functions:** Enjoy hands-free access to music, map navigation, phone calls, notifications, and voice control.

6.2 GPS Navigation & Wi-Fi Connectivity

The unit features built-in GPS for navigation and Wi-Fi for internet access.



Figure 6.2: GPS Navigation and Wi-Fi. This image highlights the unit's capabilities for precise navigation and seamless internet access through Wi-Fi.

- **GPS:** Utilize pre-installed navigation apps or download others from the Google Play Store. The external GPS antenna ensures accurate positioning.
- **Wi-Fi:** Connect to a mobile hotspot or local Wi-Fi network to browse the internet, stream content, and download apps.

6.3 Bluetooth Hands-Free & Audio Streaming

Connect your phone via Bluetooth for hands-free calling and wireless audio playback.

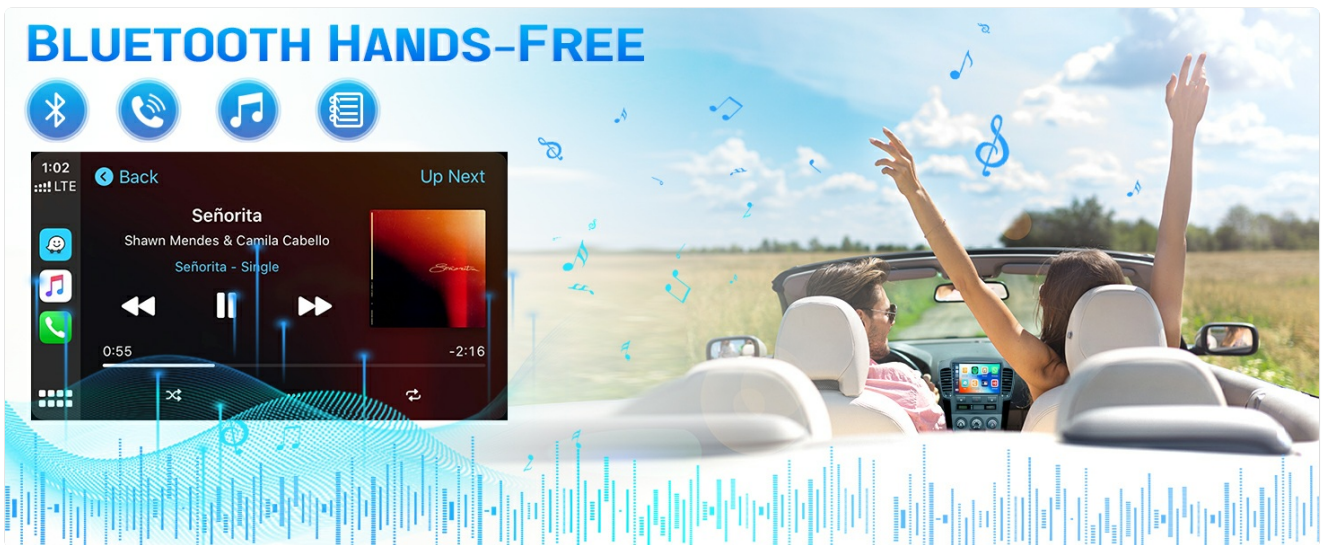


Figure 6.3: Bluetooth Hands-Free. This image illustrates the convenience of Bluetooth for making calls and streaming music wirelessly, enhancing safety and entertainment.

- **Pairing:** Go to Bluetooth settings on the stereo, enable Bluetooth on your phone, and select the stereo from the list of available devices.
- **Calls:** Make and receive calls directly from the stereo interface. Your phone's contact list can be synchronized.
- **Audio:** Stream music from your phone to the car stereo speakers.

6.4 Steering Wheel Controls (SWC)

Retain the functionality of your vehicle's steering wheel controls for safe and convenient operation.

Steering Wheel Controls



Figure 6.4: Steering Wheel Controls. This image demonstrates how the car stereo integrates with existing steering wheel buttons, allowing drivers to control audio and other functions without distraction.

- **Configuration:** After installation, access the SWC settings in the stereo's menu to map your vehicle's steering wheel buttons to the desired functions (e.g., volume, track change, mode).

6.5 FM/DSP/RDS Radio

Enjoy high-quality radio reception with advanced sound processing.

- **FM Tuner:** Scan and save up to 18 preset FM stations.
- **DSP (Digital Sound Processor):** Customize audio settings for optimal sound quality.
- **RDS (Radio Data System):** Display station information, song titles, and other data where available.

6.6 Backup Camera & Auxiliary Systems

Enhance safety and functionality with support for external cameras and optional auxiliary systems.



Figure 6.5: Backup Camera Display. This image illustrates the clear view provided by a connected backup camera on the stereo screen, complete with parking assistance lines.

Auxiliary System (Optional)

	<p>HD Rear View HD Reversing Low Light Night Vision Detection Powerful Photography Clear And Detailed Image Detail</p> <p style="text-align: center;">Optional</p>		<p>ADAS Recorderr HD Reversing Low Light Night Vision Detection Powerful Photography Clear And Detailed Image Detail</p> <p style="text-align: center;">Optional</p>
<p>Tire pressure Detection Monitor Tire Pressure, Tire Temperature, Tire Burst Prevention, Wear Resistance, Fuel Economy, Prevent Deviation</p> <p style="text-align: center;">Optional</p>		<p>Bluetooth OBD II With The OBD2 Function On This Unit, You Are Able To Retrieve Real-time Data And Trouble Codes From Your Vehicle's Computer. The Data Obtained From Your Vehicle Is Presented In An Easy-to-read Format.</p> <p style="text-align: center;">Optional</p>	<p>Tip: OBD connector position is generally under the steering wheel, about the Brake Pedal. Some models have Cover Plates. Please Read The User Manual.</p>

Figure 6.6: Optional Auxiliary Systems. This image details additional systems that can be integrated with the car stereo, such as rear-view cameras, ADAS, TPMS, and OBDII diagnostics.

- **Backup Camera:** When the vehicle is in reverse, the stereo automatically displays the rear-view camera feed.
- **ADAS Recorder (Optional):** Support for Advanced Driver-Assistance Systems, including dash camera recording and lane departure warnings.
- **Tire Pressure Detection (TPMS - Optional):** Monitor tire pressure in real-time with compatible external sensors.
- **Bluetooth OBD II (Optional):** Connect an OBD II scanner via Bluetooth to retrieve vehicle diagnostic data.

7. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates via Wi-Fi in the system settings to ensure optimal performance and access to new features.
- **General Care:** Keep the unit free from dust and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on	Incorrect power wiring; Blown fuse; Vehicle ignition issue	Check power connections; Inspect vehicle fuses; Consult a professional installer.
No sound output	Volume too low; Mute activated; Speaker wiring issue; Amplifier not connected	Increase volume; Check mute status; Verify speaker connections; Ensure external amplifier is powered and connected.
GPS signal lost or inaccurate	GPS antenna obstructed or improperly installed; Software issue	Relocate GPS antenna to a clear area; Check antenna connection; Restart the unit.
Bluetooth connection issues	Device not paired; Bluetooth disabled; Interference	Ensure Bluetooth is enabled on both devices and paired correctly; Restart both devices.
Steering wheel controls not working	Canbus box not connected or configured; Incorrect SWC settings	Verify Canbus box connection; Reconfigure SWC settings in the stereo menu.

9. Specifications

Feature	Specification
Operating System	Android 13
Display Size	9.7 Inches (10 Inches listed in some specs, using 9.7 from title for consistency)
Resolution	1024 x 600
Connectivity	Bluetooth, USB, Wi-Fi

Feature	Specification
Special Features	Wireless Android Auto/CarPlay/Mirror Link, DSP, Plug and Play, Support Camera Input, Dual USB, GPS Navigation, Hands-free Calling, FM/RDS, Touchscreen
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	4.17 pounds
Package Dimensions	15 x 11.8 x 6.3 inches

10. Warranty and Support

For warranty information and technical support, please refer to the contact details provided at the point of purchase or visit the official Loddery website. Keep your purchase receipt as proof of purchase for any warranty claims.