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Roinvou 1+32G Mirror Link

Roinvou Android Car Stereo Instruction Manual

FOR TOYOTA COROLLA (2009-2013) MODEL 1+32G MIRROR LINK



Image: Roinvou Android Car Stereo with its 9-inch display, external microphone, smartphone showing CarPlay/Android Auto icons, and a backup camera.

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Roinvou Android Car Stereo, Model 1+32G Mirror Link, designed specifically for Toyota Corolla vehicles manufactured between 2009 and 2013. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. Safety Information

- Always ensure the vehicle is parked and the engine is off before performing any installation or maintenance.

- Disconnect the vehicle's battery before beginning installation to prevent electrical shorts.
- Professional installation is recommended for optimal performance and to avoid damage to your vehicle or the product.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is properly insulated and secured to prevent interference or damage.

3. Package Contents

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

- 1 x Roinvou Android Double Din Car Stereo
- 1 x Car Stereo Power Cable
- 1 x 9 Inch Toyota Corolla 2009-2013 Special Frame
- 1 x Power Cable for Toyota Corolla 2009-2013
- 1 x USB Adapter Cable for Toyota Corolla 2009-2013
- 1 x GPS Antenna
- 1 x Camera Input
- 1 x RCA Input and Output
- 2 x USB Cable
- 1 x 12 LEDs Backup Camera
- 1 x External Microphone
- 2 x Mounting Bracket
- 1 x Installation Tool
- 4 x Screw
- 1 x User Manual

4. Vehicle Compatibility

This Roinvou Android Car Stereo is designed for Toyota Corolla models from 2009 to 2013. Please note the following important compatibility details:

- Vehicle compatibility may vary depending on specific vehicle options, production dates, and installation application.
- The provided wire harness is **NOT** compatible with vehicles equipped with a premium factory sound system, including premium BOSE, amplified sound systems, or Onstar.

Car Radio for Toyota Corolla 2009–2013



Image: A visual guide showing compatible and incompatible Toyota Corolla dashboard configurations for the car radio, highlighting that premium sound systems are not supported.

5. Product Features

- **Android 13 System:** Features 1GB RAM + 32GB ROM for smooth operation, 1080P video playback, split-screen functionality, and support for external devices.
- **Capacitive HD Touch Screen:** A 9-inch high-definition touch screen for intuitive control.
- **Phone Mirror Link:** Connect your smartphone via WiFi hotspot or USB cable to mirror its screen. Supports bidirectional control for Android and unidirectional control for iPhone.
- **GPS Navigation & WiFi:** Built-in GPS module with support for offline maps (e.g., Waze) and online maps via WiFi/hotspot. Download apps like YouTube, TikTok, and Spotify from the Play Store.
- **Bluetooth Connectivity:** Integrated Bluetooth with an external microphone for hands-free calling, music streaming, voice functions, and contact synchronization.
- **FM Radio Receiver:** Stable FM radio with 18 preset stations, offering manual, semi-automatic, and fully automatic channel search.
- **Rear View Camera Support:** Automatically displays the reversing image when the car is in reverse gear (backup camera included).

- **Steering Wheel Control (SWC) Support:** Allows control of desired functions directly from your vehicle's steering wheel buttons.
- **Multiple EQ Sound Options:** Customize your audio experience with various equalizer settings.



Image: A split image showcasing the 2.5D curved edge screen design and various user interface layouts for music, phone, and settings on the Roinvou car stereo.

6. Installation Guide

This section provides a general overview of the installation process. For a detailed visual guide, please refer to the embedded video below.

6.1. Video Installation Guide: A7098 Center Console Disassembly Wiring Method

Video: This official Roinvou video demonstrates the process of disassembling the center console and wiring for the A7098 car stereo model, which is applicable to this unit's installation in a Toyota Corolla.

6.2. Step-by-Step Installation Overview

1. **Preparation:** Ensure the vehicle is off and the battery is disconnected. Gather all necessary tools (installation tool, screwdrivers, etc.).

2. **Remove Bezel Pieces:** Carefully pry off the four bezel pieces around the existing radio using the provided installation tool. These are typically clipped in.
3. **Remove Screws/Bolts:** Locate and remove any Phillips screws and 10mm bolts securing the existing radio unit.
4. **Extract Old Radio:** Gently pull out the old radio unit from the dashboard.
5. **Disconnect Wiring:** Disconnect all wiring harnesses, antenna cables, and any other connections from the old radio.
6. **Connect New Unit:** Connect the provided wiring harnesses from the Roinvou Android Car Stereo to your vehicle's existing wiring. Ensure all plugs are securely connected. This includes the main power harness, speaker wires, GPS antenna, USB cables, camera input, and RCA jacks.
7. **Test Functionality:** Before fully reassembling, temporarily connect the battery and turn on the accessory power to test the new stereo. Verify the screen powers on, is responsive, and basic functions like radio and audio playback work.
8. **Route Wires:** Carefully route any additional wires (e.g., USB cables to the glove box, external microphone) to their desired locations, ensuring they are tucked away and do not interfere with moving parts or get pinched.
9. **Mount New Unit:** Position the new Roinvou Android Car Stereo into the dashboard opening. The unit typically clips into place using the existing mounting points.
10. **Reassemble Dashboard:** Reattach the bezel pieces and any screws/bolts removed earlier. Ensure all components are securely fastened.

7. Initial Setup

1. **Power On:** After installation, reconnect the vehicle battery. Turn the ignition key to the ACC or ON position. The stereo should power on automatically.
2. **Language & Time Settings:** Follow the on-screen prompts to select your preferred language and set the correct date and time.
3. **WiFi Connection:** Navigate to the Settings menu, then to WiFi. Select your home or mobile hotspot network and enter the password to connect. This enables online features, app downloads, and online navigation.
4. **GPS Configuration:** The built-in GPS module should automatically detect satellites. Ensure the GPS antenna is placed in a clear location (e.g., on the dashboard) for optimal signal reception.

8. Operating Instructions

8.1. Touch Screen Operation

The 9-inch capacitive HD touch screen allows for intuitive control. Tap, swipe, and pinch-to-zoom gestures are supported for navigating menus, maps, and media.

8.2. FM Radio

Access the "Radio" application from the main menu. Use the on-screen controls to scan for stations, save presets, and adjust frequency. The unit supports 18 preset stations.

8.3. Bluetooth



Image: An illustration depicting the Bluetooth chip and its connectivity to smartphones for calls and music streaming.
To pair your phone:

1. Go to the "Bluetooth" app on the stereo.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select the stereo's Bluetooth name (usually "CarBT" or similar) from your phone's list.
4. Confirm the pairing code on both devices.

Once paired, you can make/receive hands-free calls, stream audio, and synchronize contacts.

8.4. Mirror Link



Image: A diagram illustrating the Mirror Link function, showing unidirectional control for iOS devices and bidirectional control for Android devices via WiFi or USB.

The Mirror Link feature allows you to display your smartphone's screen on the car stereo. Connect via WiFi hotspot or your phone's original USB cable. Android devices support bidirectional control (stereo controls phone), while iPhones support unidirectional control (phone controls stereo).

8.5. GPS Navigation



Image: An illustration showing the WiFi signal and GPS satellite connectivity, with various app icons like YouTube, TikTok, and Spotify, indicating online functionality and navigation.

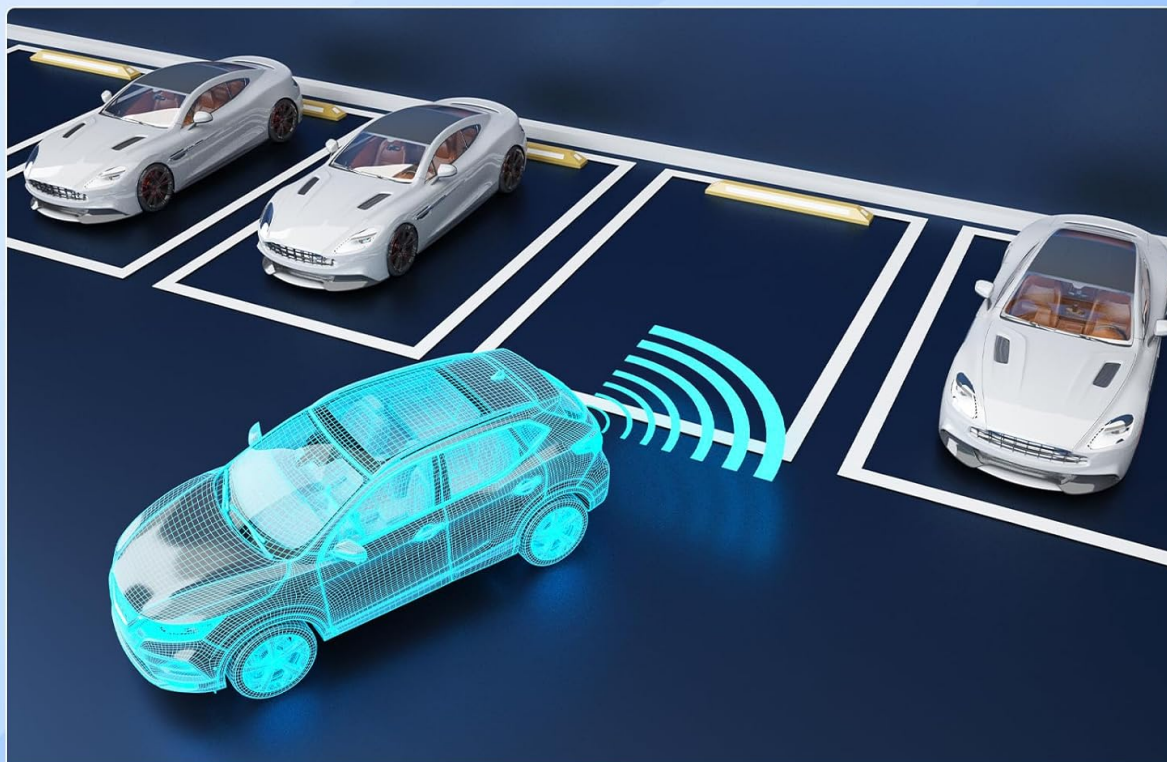
Use the pre-installed navigation app or download your preferred navigation software from the Play Store. Connect to WiFi for real-time traffic updates and online map features. The unit supports built-in offline maps for North America.

8.6. USB Media Playback

Connect USB drives to the provided USB interfaces to play audio and video files. The unit supports various formats including APE, FLAC, WAV, MP3, WMA for audio and MKV, RMVB, AVI, MP4, MDV for video.

8.7. Rear View Camera

Rear View Camera



HD Image



Waterproof



170° Wide Angle



Night Vision

Image: A graphic highlighting the features of the included backup camera: HD image, waterproof design, 170° wide angle, and night vision capabilities, with a car reversing into a parking spot.

When the vehicle is shifted into reverse gear, the stereo will automatically display the feed from the connected backup camera, enhancing parking safety.

8.8. Steering Wheel Controls (SWC)

If your vehicle is equipped with steering wheel controls, the stereo supports integration. This allows you to control functions such as volume, track skipping, and mode switching directly from your steering wheel.

9. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touch screen. For stubborn smudges, lightly dampen the cloth with a screen cleaner solution. Avoid harsh chemicals.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can usually be found on the manufacturer's website or through the device's settings.
- **General Care:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods. Ensure proper ventilation around the unit.

10. Troubleshooting

- **No Power:** Check all power connections and fuses. Ensure the vehicle battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and EQ settings. Ensure the correct audio source is selected.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (Factory Setting Keyword: 8888).
- **GPS Signal Loss:** Ensure the GPS antenna has a clear line of sight to the sky. Check antenna connection.
- **Bluetooth Pairing Issues:** Ensure Bluetooth is enabled on both devices. Delete previous pairings and try again.
- **Mirror Link Not Working:** Verify stable WiFi or USB connection. Ensure the correct Mirror Link app is running on both devices. Some Samsung phones may have restrictions.
- **Radio Not Working:** Check antenna connection. Ensure the antenna is properly extended or positioned.
- **General Malfunctions:** If the radio stops working or experiences persistent issues, contact Roinvou customer service for assistance. They may provide software updates or specific troubleshooting steps.

11. Specifications

Feature	Specification
System	Android 9.0
Chipset	8227L-DEMO
Memory (RAM + ROM)	1GB (RAM) + 16GB (ROM)
Screen Resolution	1024 x 600
Power Output	4 x 45W
Radio Chip	NXP6851
Work Temperature	-40°C - 80°C
Maps	Built-in Offline Maps (North America)
USB Interface	Double USB Interface
External Microphone	Support
Factory Setting Keyword	8888
Audio Formats	APE, FLAC, WAV, MP3, WMA, etc.
Video Formats	MKV, RMVB, AVI, MP4, MDV, etc.
Picture Formats	PNG, JPEG, JPG, GIF, WBMP, BNP, etc.
Product Dimensions	11.06 x 2.05 x 10.43 inches
Item Weight	3.58 pounds

Screen Size	9 Inches
Connectivity Technology	Bluetooth, USB
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount



12. Warranty and Support


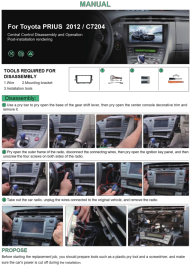


Roinvou is committed to providing quality products and customer satisfaction. For any inquiries or support, please use the following resources:

- **Activate Your Warranty:** Please message the Roinvou Facebook Page with your order ID to activate your warranty.
- **Customer Support Email:** binizeofficial@gmail.com
- **Official Website:** www.Binize.com
- **Facebook Page:** <https://www.facebook.com/BinizeOfficial/>
- Roinvou offers 24-hour customer support.

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Related Documents - 1+32G Mirror Link

	<p>Toyota Corolla 2009-2013 C7278 Central Control Disassembly and Installation Guide</p> <p>Step-by-step guide for disassembling and installing a new car stereo in a 2009-2013 Toyota Corolla, including tools required and important reminders.</p>
	<p>Roinvou C7246 Installation Guide for Honda Accord 2008-2013</p> <p>Comprehensive installation and disassembly manual for the Roinvou C7246 central control unit in Honda Accord models from 2008 to 2013. Includes step-by-step instructions and visual aids.</p>

	<p>Toyota Sienna 2011-2013 C7291 Central Control Disassembly and Installation Manual</p> <p>Comprehensive guide for disassembling and installing the central control unit and radio for 2011-2013 Toyota Sienna models (C7291). Includes required tools, step-by-step disassembly and installation procedures, visual descriptions, and important reminders. Features post-installation rendering information.</p>
	<p>Toyota Prius 2012/C7204 Central Control Disassembly and Installation Guide</p> <p>Step-by-step guide for disassembling and installing a new central control unit or car stereo for the Toyota Prius 2012/C7204, including tools required, disassembly, installation procedures, and important warnings.</p>
	<p>Toyota RAV4 2013-2019 C7271 Central Control Disassembly and Installation Guide</p> <p>Comprehensive guide for the disassembly and installation of the C7271 central control unit in 2013-2019 Toyota RAV4 models, including step-by-step instructions and visual descriptions.</p>
	<p>BMW E90/E92/E93 C7201 Stereo Installation Guide: Disassembly & Operation</p> <p>Step-by-step guide for installing the C7201 car stereo in BMW E90, E92, E93 models (2005-2012), covering central control disassembly and post-installation operation.</p>