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› [NHOPEEW](#) /

› [NHOPEEW 10.1-inch Android Car Radio User Manual for Mazda CX-9 \(2006-2016\) Model 2+64G](#)

NHOPEEW 2+64G

NHOPEEW 10.1-inch Android Car Radio User Manual

For Mazda CX-9 (2006-2016) - Model: 2+64G

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NHOPEEW 10.1-inch Android Car Radio. This unit is designed for Mazda CX-9 models from 2006 to 2016, offering advanced features such as wireless CarPlay, Android Auto, GPS navigation, DSP audio, and AHD backup camera support. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Ensure the vehicle's engine is off and the parking brake is engaged before beginning installation.
- Disconnect the vehicle's battery to prevent electrical shorts and damage.
- If you are unsure about any installation steps, consult a qualified professional.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NHOPEEW 10.1-inch Android Car Radio Unit
- Canbus Decoder
- Power Cable
- AHD Backup Camera
- External Microphone
- RCA Cable
- USB Cable
- GPS Antenna
- Installation Tool
- User Manual (this document)



Image: Overview of the items included in the product package.

4. COMPATIBILITY

This Android radio is specifically designed for Mazda CX-9 models manufactured between 2006 and 2016. It features a plug-and-play design and includes a Canbus decoder, eliminating the need to modify original car power cables. Before purchasing, confirm your car's model, year, dimensions, and the shape of the center console. Refer to the 'Applicable Model Diagram' image for visual confirmation.

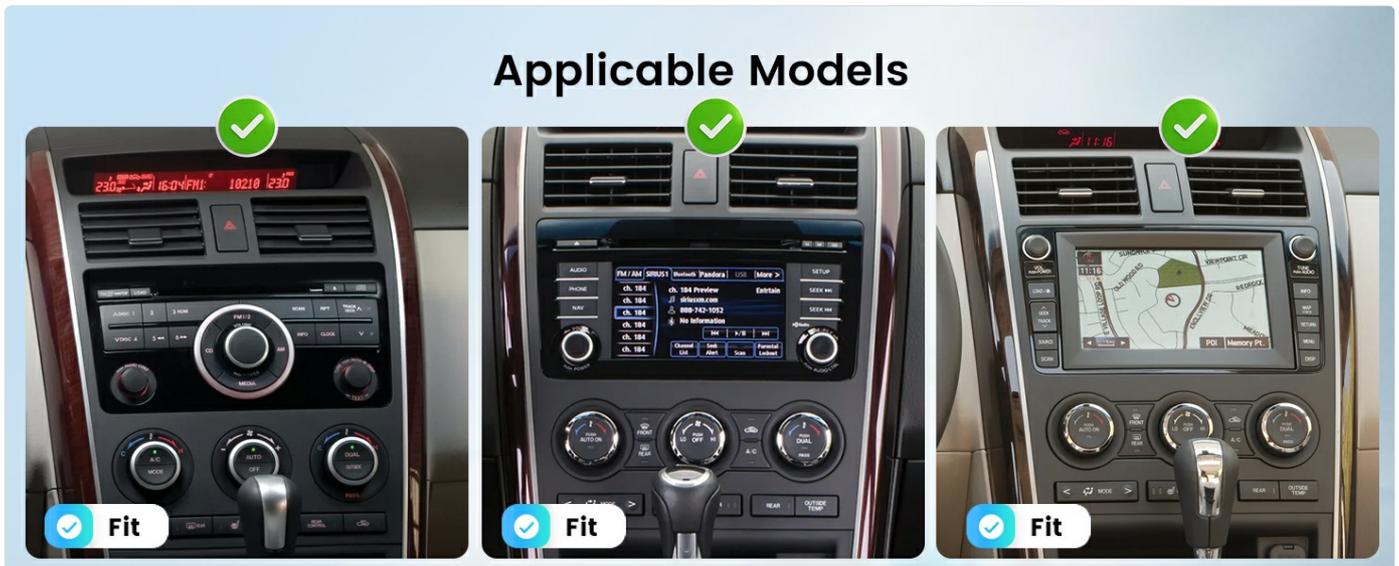


Image: Applicable models diagram for Mazda CX-9 (2006-2016).

For Mazda CX9 CX-9 CX 9 2006-2016



Image: Visual comparison of the dashboard before and after installing the NHOPEEW car radio.

5. SETUP AND INSTALLATION

5.1 Wire Harness Connection

Connect the provided wire harnesses to the corresponding ports on the back of the head unit and to your vehicle's wiring. Ensure all connections are secure.

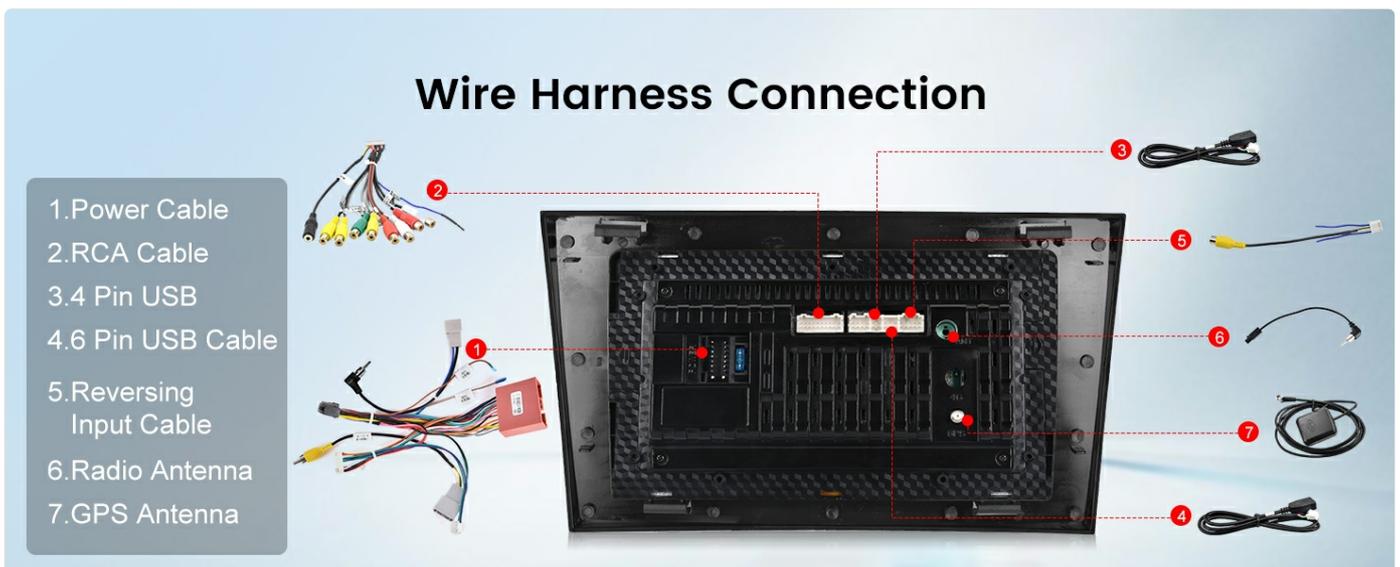


Image: Detailed diagram of the wire harness connections.

5.2 Canbus Wiring

The Canbus box is essential for integrating the radio with your vehicle's existing systems, particularly for steering wheel controls. Plug the 8-pin cable into the connector of the head unit. Confirm the Canbus box is connected.

Canbus Wiring

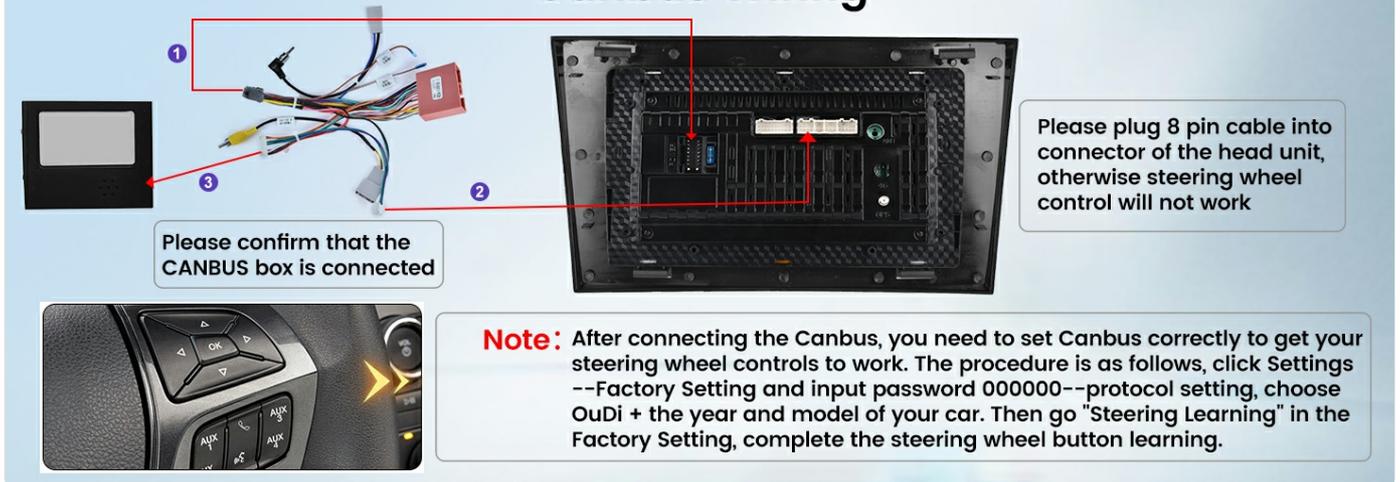


Image: Canbus wiring diagram.

5.3 Reversing Camera Wiring

Connect the AHD backup camera as follows:

1. Connect to the positive pole of the car's reversing light.
2. Connect to the negative pole of the car's reversing light.
3. Cables three and four are connected together.
4. The white plug must be connected to the radio to get Bluetooth and WiFi signals.



Image: Reversing camera wiring diagram.

6. OPERATING INSTRUCTIONS

6.1 General Interface and Navigation

The unit features a 10.1-inch HD touchscreen with a 1024*600 resolution for clear visuals. Navigate through applications and settings by touching the icons on the screen. Swipe down from the top of the display to access system notifications, adjust brightness, and manage network connections.

Full HD 1024*600 Touch Screen

The screen display is more high-definition with richer colours to enhance your visual perception

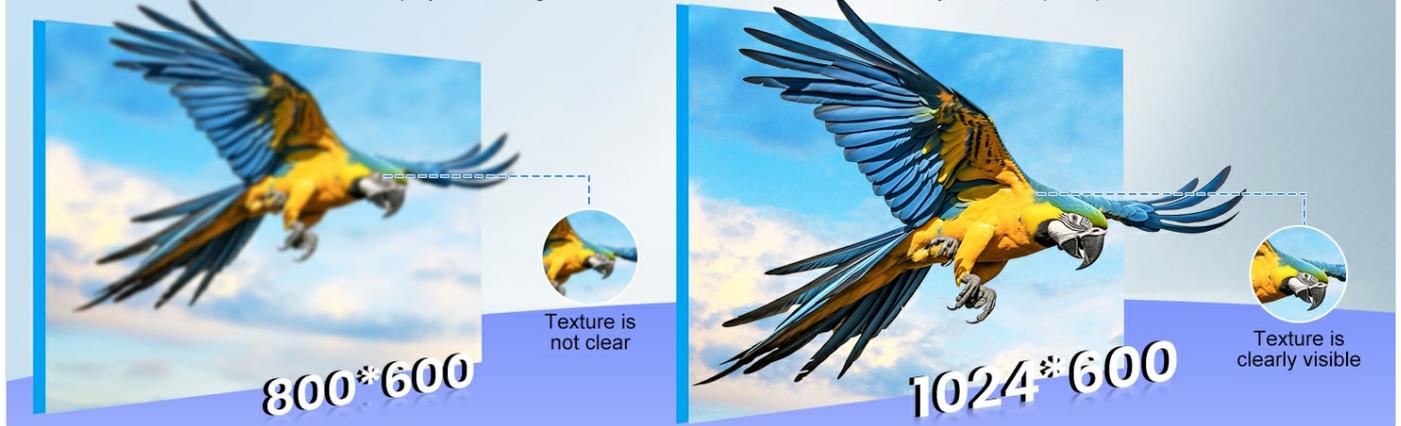


Image: Screen resolution comparison (800x600 vs 1024x600).

6.2 Wireless CarPlay and Android Auto

The unit supports both wireless and wired CarPlay and Android Auto. This allows seamless integration with your smartphone for navigation, calls, messages, and music, all controllable via voice commands like "Hey Siri" or "Hey Google."

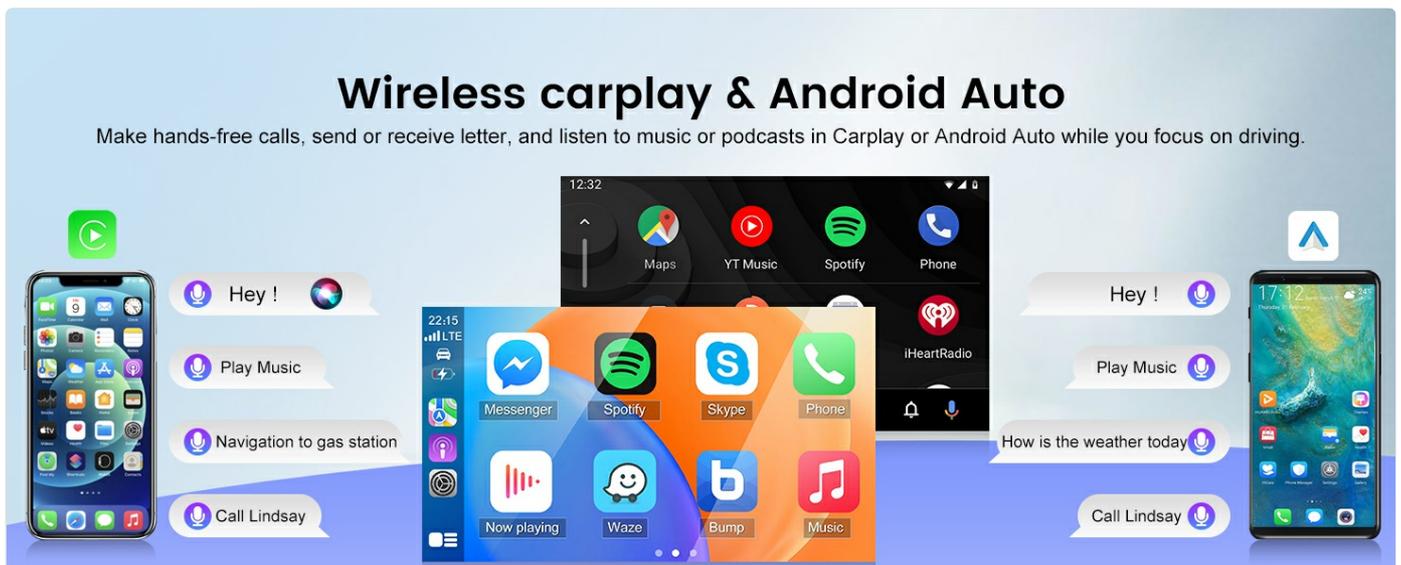


Image: Wireless CarPlay and Android Auto interface.

6.3 GPS Navigation and WiFi Connection

The head unit includes built-in offline maps. Connect to WiFi via a hotspot to download and update online maps. WiFi connectivity also enables access to streaming apps like YouTube, TikTok, or Spotify from the app store.

GPS Navigation & Wifi Connection



Image: GPS navigation and WiFi connection interface.

6.4 DSP Audio and FM/RDS Radio

Experience enhanced audio with Digital Signal Processing (DSP) sound effects, offering precision tuning and customizable audio profiles. The FM/RDS radio supports radio stations, providing clear stereo sound.

Professional DSP With 36EQ

The highest quality sound algorithms have been employed to create a more comprehensive audio output to satisfy users seeking higher sound.



Image: Professional DSP with 36-band equalizer settings.

FM / RDS Radio

FM radio signals can cover Large areas , making it accessible to a wide audience



Image: FM/RDS radio interface.

6.5 Steering Wheel Control (SWC)

The unit supports your original car's steering wheel controls. After connecting the Canbus, you need to set it up correctly. Go to **Settings > Factory Setting** (password: 000000) > **Protocol**, choose your car's year and model. Then, complete the steering wheel button learning in the **Factory Setting** menu.



Image: Steering Wheel Control functionality.

6.6 AHD Backup Camera

The included AHD backup camera provides excellent night vision and a 170-degree ultra-wide field of view, ensuring a clear and wide-angle view of the rear surroundings when reversing.



Image: AHD Rear View Camera display.

6.7 Mirror Link

The Mirror Link function allows you to display your iOS or Android smartphone screen directly on the car radio's display. This is useful for viewing content or using apps not directly supported by CarPlay/Android Auto.

Mirror Link Suit for IOS & Android

Enjoy Your Outdoor Time Anywhere



Image: Mirror Link for iOS and Android.

6.8 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming. The unit supports phone-book synchronization.

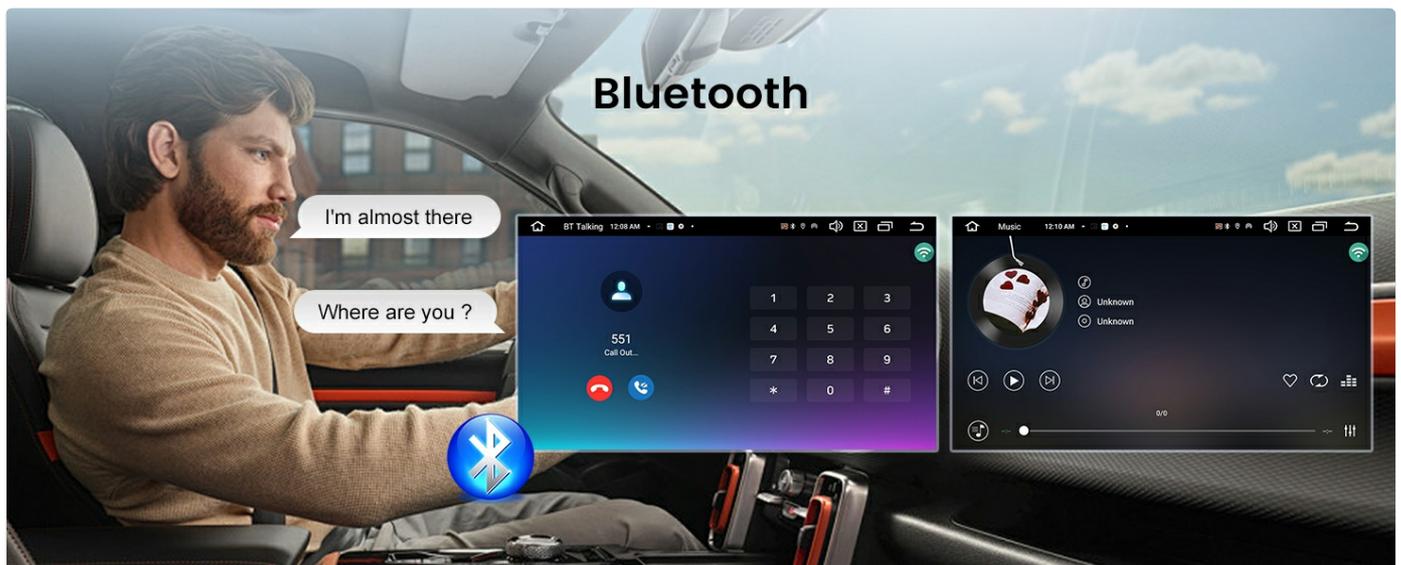


Image: Bluetooth interface for calls and music.

6.9 UI Theme Switching

The unit offers multiple UI themes to customize the appearance of your interface. You can switch between different themes to match your preference.

6.10 Video Playback

The unit supports 1080P HD video playback, allowing you to enjoy high-quality video content directly on the 10.1-inch screen.

6.11 Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback, enhancing multitasking capabilities.

6.12 Radio Function Operation Demonstration (Video)

Your browser does not support the video tag.

Video: A demonstration of the radio's various functions, including video playback, music playback, DSP sound adjustment, wireless CarPlay

connection, wireless Android Auto connection, iOS Airplay, Android Mirror Link, FM RDS, Car Settings, built-in user manual, and UI theme switching.

7. MAINTENANCE

- Clean the screen with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- Keep the unit free from dust and debris.
- Regularly check cable connections for security.
- Perform software updates as recommended by the manufacturer to ensure optimal performance and security.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Loose power cable connection; Blown fuse	Check power cable connections; Inspect and replace fuse if necessary.
No sound	Volume too low; Mute activated; Speaker wiring issue	Increase volume; Deactivate mute; Check speaker connections.
Steering wheel controls not working	Canbus not connected or configured correctly	Ensure Canbus is connected; Perform steering wheel button learning in Factory Settings (password: 000000).
CarPlay/Android Auto not connecting	Bluetooth not paired; Zlink app not initiated; Phone hotspot issue	Ensure Bluetooth is paired; Open Zlink app and follow connection prompts; Check phone's personal hotspot settings.
Backup camera not displaying	Incorrect wiring; Camera malfunction	Verify camera wiring as per section 5.3; Test camera functionality.

If problems persist after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

- **Brand:** NHOPEEW
- **Vehicle Service Type:** Car (Mazda CX-9 2006-2016)
- **Screen Size:** 10.1 Inches
- **Operating System:** Android
- **Memory Storage Capacity:** 64 GB
- **Special Features:** DSP Audio, FM/RDS Radio, GPS Navigation, WiFi Connection, Wireless Carplay & Android Auto, Mirror Link, Steering Wheel Control, Split Screen, 1080P HD Video Playback
- **Connectivity Technology:** Bluetooth, USB, Wi-Fi
- **Map Type:** Worldwide (Offline maps built-in)
- **Included Components:** AHD Backup Camera, Canbus, External Microphone, Power Cable
- **Mounting Type:** Dashboard Mount
- **Display Type:** HD Touchscreen (1024*600 resolution)
- **Human-Interface Input:** Touchscreen, Voice
- **Supported Satellite Navigation System:** GPS

10. WARRANTY AND SUPPORT

NHOPEEW offers comprehensive support for its products:

- **Warranty:** 2 Years
- **Refund Policy:** 30-day refund period.
- **Post-Sales Support:** 2 years of dedicated support.
- **Contact:** If the radio harness does not fit or for any other inquiries, please contact NHOPEEW customer service.

