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› Jingelsye Android 13 Car Radio for Jeep Grand Cherokee 2014-2017 Instruction Manual

Jingelsye 8Core 4G RAM 32G ROM

Jingelsye Android 13 Car Radio for Jeep Grand Cherokee 2014-2017 Instruction Manual

Model: 8Core 4G RAM 32G ROM

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Jingelsye Android 13 Car Radio. Designed for Jeep Grand Cherokee models from 2014 to 2017, this unit features an 8-core CPU, 4GB RAM, 32GB ROM, and a 9.7-inch HD touchscreen. Key functionalities include wireless CarPlay and Android Auto, GPS navigation, Bluetooth 5.0, 5G WiFi support, and DSP audio processing.

2. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation.

- Main Head Unit
- Power Cable
- GPS Module
- Reversing Cable
- CANBUS Decoder
- 2x USB Cables
- RCA Cable Set
- Crowbar Tool
- Backup Camera
- Original Vehicle's USB Cable

Package list



Figure 2.1: All components included in the package. This includes the main unit, various cables (power, GPS, RCA, USB), CANBUS decoder, crowbar tool, and backup camera.

3. INSTALLATION GUIDE

Professional installation is recommended. Ensure the vehicle's power is disconnected before starting. This unit is designed for Jeep Grand Cherokee 2014-2017 models. Verify compatibility with your vehicle's dashboard configuration, especially regarding A/C knob placement.

3.1 Compatibility Check



Figure 3.1: Dashboard compatibility for Jeep Grand Cherokee 2014-2017. Ensure your vehicle has protruding A/C knobs for proper fitment. Models with recessed and flat A/C knobs are not compatible.

3.2 Removal of Existing Unit

Carefully use the provided crowbar tool to pry open the dashboard trim surrounding the existing radio unit. Disconnect all cables from the old unit. Refer to the video for a visual guide.

Your browser does not support the video tag.

Video 3.1: Jingsyew Wiring Video. This video demonstrates the process of removing the original car radio and connecting the new unit's wiring harnesses. It provides a visual guide for the installation steps.

3.3 Wiring Connections

Connect the provided power cable, GPS antenna, rear camera signal wire, camera extension cables, USB cables, RCA cables, and CANBUS decoder to the corresponding ports on the new head unit. Ensure all connections are secure. The CANBUS decoder is crucial for integrating with the vehicle's existing systems, including steering wheel controls and climate control.

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Video 3.2: Jingsyew Wiring Video. This video demonstrates the process of connecting the various wiring harnesses and components to the

new head unit, including the power cable, GPS antenna, and CANBUS decoder.

4. OPERATING INSTRUCTIONS

4.1 Initial Setup and System Settings

Upon first power-on, the system will boot to the main interface. Navigate through the settings menu to configure language, time, and other preferences. The unit runs on Android 13 with an 8-core CPU, 4GB RAM, and 32GB ROM.

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Video 4.1: Car Radio for Jeep Grand Cherokee 2014-2017. This video demonstrates the main user interface and various system settings, including Bluetooth, radio, and DSP sound adjustments.

4.2 CarPlay and Android Auto

The unit supports both wireless and wired CarPlay and Android Auto. Connect your smartphone via Bluetooth or USB to access navigation, music, calls, and messages directly on the car radio's display.

CarPlay & Android Auto

Wireless/Wired

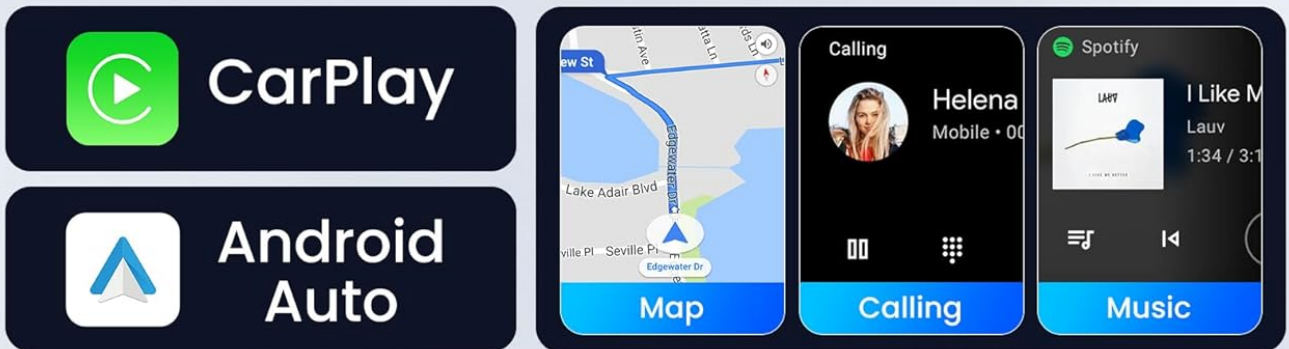


Figure 4.1: Wireless/Wired CarPlay and Android Auto functionality. This image shows the seamless integration of smartphone features for navigation, calls, and media streaming.

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Video 4.2: Car Radio Stereo for Jeep Grand Cherokee 2014-2017. This video demonstrates the wireless CarPlay functionality, showing how to connect a smartphone and access various applications like navigation and music.

4.3 GPS Navigation

The unit includes a built-in GPS navigation system supporting both online and offline maps for North America. Plan your routes and receive turn-by-turn directions directly on the 9.7-inch HD touchscreen.

Other Excellent Features



Figure 4.2: GPS Navigation and 1080P Rear Camera. This image illustrates the navigation interface and the clear view provided by the backup camera.

4.4 Bluetooth 5.0

Utilize Bluetooth 5.0 for hands-free calling and high-quality music streaming. Pair your device through the Bluetooth settings menu.

FM / 36EQ / Subwoofer

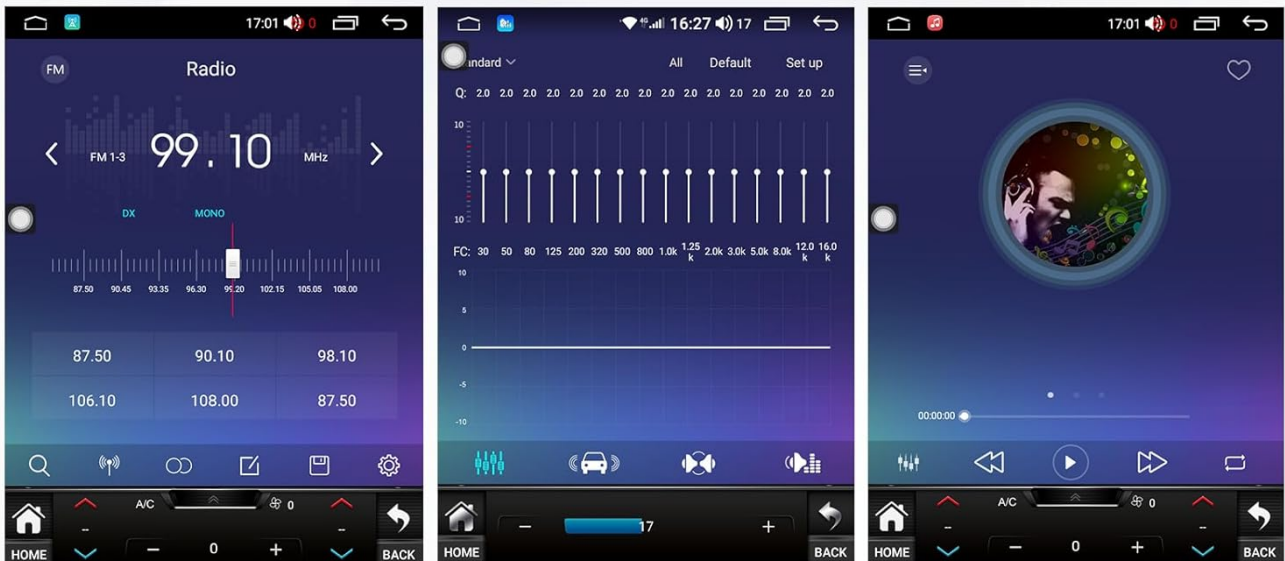


Figure 4.3: Bluetooth 5.0 and Other Features. This image highlights the Bluetooth connectivity for calls and music, alongside other core functionalities.

4.5 5G WiFi Connectivity

Connect to 5G WiFi networks for faster internet access, allowing you to download apps, stream content, and browse online directly from the unit.

Faster 5G WiFi Support



Figure 4.4: Faster 5G WiFi Support. This image demonstrates the unit's ability to connect to 5G WiFi for enhanced online functionality.

4.6 Split Screen Functionality

The split-screen feature allows you to run two applications simultaneously, such as navigation and music, enhancing multitasking capabilities.

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Video 4.3: Car Radio Stereo for Jeep Grand Cherokee 2014-2017. This video demonstrates the split-screen feature, allowing simultaneous use of applications like radio and web browsing.

4.7 Steering Wheel Control

The unit supports existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. Configuration may be required in the settings.

4.8 Backup Camera

A waterproof 1080P backup camera is included to enhance parking safety. The display automatically switches to the camera view when reversing.

5. AUDIO SETTINGS (DSP & EQ)

The unit features DSP audio processing with customizable 32-band EQ settings. Adjust sound parameters to optimize your listening experience. Presets for various music genres are available.

1024*768 IPS Touchscreen

The screen display is rich in color, which makes the picture more delicate and more real as life.



Figure 5.1: FM Radio and 32-Band EQ Settings. This image displays the radio interface and the detailed equalizer for fine-tuning audio output.

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Video 5.1: Car Radio Stereo for Jeep Grand Cherokee 2014-2017. This video demonstrates the DSP sound settings, including equalizer adjustments and sound field control.

6. SPECIFICATIONS

| Feature | Detail |
|-------------|-------------|
| Item Weight | 4.56 pounds |

| Feature | Detail |
|-------------------------|---|
| Package Dimensions | 18.11 x 13.35 x 5 inches |
| Display Size | 9.7 Inches |
| Voice Command | Touchscreen |
| Brand | Jingelsye |
| Vehicle Service Type | Car |
| Special Feature | 1024*768 Touchscreen, 4G RAM + 32G ROM, Wireless Carplay & Android Auto, 5GWIFI Support, Android 13, Bluetooth5.0, FM, DSP, 32EQ, GPS Navigation, Backup Camera |
| Connectivity Technology | Bluetooth, USB, Wi-Fi |
| Map Type | North America |
| Audio Output Mode | Stereo |
| Mounting Type | Dashboard Mount |
| Resolution | 1280 x 800 |

7. TROUBLESHOOTING

If you encounter issues, please refer to the following common solutions:

- **Connection Issues (Bluetooth/CarPlay/Android Auto):** Ensure your phone's Bluetooth is on and discoverable. For CarPlay/Android Auto, try reconnecting the USB cable or re-pairing the Bluetooth connection. Sometimes, restarting both the phone and the car radio can resolve connectivity problems.
- **Poor Microphone Quality:** Check the microphone connection and placement. Ensure it is not obstructed and is positioned optimally for voice pickup.
- **Climate Control Display Issues (Fahrenheit/Celsius):** This may be a software glitch. Check for available system updates in the settings menu. If the issue persists, contact customer support.
- **Radio Not Working/Poor Reception:** Verify the radio antenna connection. Ensure it is securely plugged into the unit. Check the radio region settings in the system menu.
- **Speedometer Inaccuracy:** This could be related to CANBUS integration. Ensure the CANBUS decoder is correctly installed and configured for your specific Jeep Grand Cherokee model year.
- **Unit Powers Off Randomly:** Check all power connections to ensure they are secure. Verify the vehicle's electrical system is stable. If the problem continues, it may indicate a hardware issue.

For persistent issues, please contact Jingelsye customer support for further assistance.

8. WARRANTY AND SUPPORT

The product typically comes with a standard return policy (e.g., 30 days for refund/replacement). Extended protection plans may be available for purchase, offering coverage for 2 or 3 years. For detailed warranty information and technical support, please refer to your purchase documentation or contact Jingsye customer service.