Jufodrca 4CORE 2G RAM 64G ROM

Jufodrca 10.1-Inch Car Radio Stereo User Manual

Model: 4CORE 2G RAM 64G ROM

For Jeep Wrangler JK (2007-2017) and other compatible vehicles

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Jufodrca 10.1-inch Car Radio Stereo. This unit is designed to enhance your driving experience with advanced features such as a high-definition touchscreen, integrated navigation, and smartphone connectivity.

2. Applicable Models and Years

This car radio stereo is compatible with the following vehicle models and years:

- Jeep Wrangler/Unlimited: 2007-2017
- Jeep Compass/Patriot: 2009-2016
- Jeep Grand Cherokee: 2005-2011
- Jeep Liberty: 2008-2011
- Jeep Commander: 2008-2011
- Town&Country: 2007-2010
- Dodge Grand Caravan: 2011-2014
- Dodge Charger: 2008-2010



Figure 2.1: Compatibility overview and appearance of the Jufodrca car radio stereo in a compatible vehicle dashboard.

3. Features

3.1 High-Resolution Display

The unit features a 10.1-inch 1280x800 HD touchscreen, providing clear visibility and vibrant colors. It offers multiple user interface options for an intuitive experience.



Figure 3.1: Comparison of the 1280x800 HD display with a standard 1280x720 display, illustrating enhanced visual quality.

3.2 Performance

Equipped with a 4-core processor, 2GB RAM, and 64GB ROM, running on Android 12, the system ensures quick app access and smooth operation for various functions.



Figure 3.2: Internal hardware configuration and performance comparison.

3.3 Connectivity

The unit supports 5G WiFi for seamless music streaming, real-time online navigation, and web browsing with minimal lag. It also features Bluetooth 5.0 technology for faster connections, extended range, and improved audio quality for hands-free calls and music streaming.



Figure 3.3: Bluetooth 5.0 connectivity for hands-free communication and audio streaming.



Figure 3.4: 5G WiFi support for high-speed internet access and app usage.

3.4 Audio Quality

3.4 Audio Quality

The built-in 16-band EQ and HIFI audio allow you to customize your audio settings to match your preferences. FM/RDS support ensures clear radio reception and displays real-time station information.



Figure 3.5: Audio customization options with 16-band EQ and FM/RDS radio interface.

3.5 Smartphone Integration (CarPlay & Android Auto)

The stereo supports Wireless/Wired CarPlay and Android Auto, providing seamless integration with your smartphone for hands-free control, navigation, music, and access to various applications.



Figure 3.6: Wireless/Wired CarPlay and Android Auto interface.

3.6 GPS Navigation

The unit includes built-in offline maps and supports online GPS navigation, ensuring accurate routing and real-time traffic updates when connected to 5G WiFi.



Figure 3.7: GPS navigation interface with 5G WiFi support.

3.7 Backup Camera and Steering Wheel Control

The system supports a 1080P HD backup camera for enhanced safety during reversing. It also integrates with your vehicle's steering wheel controls for convenient operation of multimedia functions without diverting attention from the road.



Figure 3.8: Backup camera view and steering wheel control interface.

4. Setup and Installation

The Jufodrca car radio stereo is designed for plug-and-play installation. The package includes all necessary car accessories. Professional installation is recommended, but the following steps provide a general guide:

1. **Unpacking:** Carefully remove all components from the packaging. Refer to the 'Packing List' image below to ensure all accessories are present.
2. **Disassembly:** Remove the existing car radio from your vehicle. For Jeep Wrangler models, it may be possible to remove only the two top screws and pull the unit back without removing the entire center bracket.
3. **Bracket Installation:** Install the provided mounting bracket into the dashboard using the original screw holes.
4. **Wiring:** Connect the power cable, USB cables, CAN BUS, GPS antenna, and other necessary cables. Ensure all connections are secure. For audio, identify the correct harness connection based on your vehicle's audio system: "NO AMPLIFIER" for basic radios or "WITH AMPLIFIER" for premium stock setups. Connect only one of these.
5. **Accessory Connections:** Connect the backup camera and microphone as needed.

6. **Unit Installation:** Carefully attach the main head unit (tablet) to the installed bracket. It is a friction fit and may require firm but gentle pressure.
7. **Testing:** Before fully reassembling the dashboard, power on the unit to test all functions, including audio, display, and touch response.
8. **Reassembly:** Once all functions are verified, reassemble the dashboard components.



Figure 4.1: Included accessories in the packing list.

5. Operating Instructions

5.1 Power On/Off

Press and hold the power button on the unit to turn it on or off. A short press typically mutes or unmutes the audio.

5.2 Home Screen Navigation

The home screen provides access to various applications and settings. Swipe left or right on the touchscreen to navigate through different pages of apps.



Figure 5.1: Main display and home screen interface.

5.3 CarPlay and Android Auto

1. Ensure your smartphone's Bluetooth and Wi-Fi are enabled.
2. On the car stereo, select "Car Link 2.0" from the app menu.
3. Follow the on-screen prompts to pair your phone. For automatic connection, enable the "Automatically Connect" option in the Car Link 2.0 settings.

5.4 Bluetooth Connectivity

1. Go to the Bluetooth settings on the stereo.
2. Enable Bluetooth and search for available devices.
3. Select your phone from the list and pair. You can now make hands-free calls and stream audio.

5.5 GPS Navigation

1. Access the navigation application from the home screen.
2. Input your destination. The system supports both built-in offline maps and online navigation via 5G WiFi.

5.6 FM/RDS Radio

1. Select the Radio application.
2. Use the scan function to find available stations or manually tune to a frequency. RDS provides station information.

5.7 Audio Settings

5.7 Audio Settings

1. Access the EQ settings from the audio menu.
2. Adjust the 16-band equalizer and HIFI audio settings to customize your sound preference.

5.8 Steering Wheel Control (SWC)

1. Navigate to the SWC settings in the system menu.
2. Follow the on-screen instructions to program the buttons on your steering wheel to control the stereo functions.

6. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found in the system settings or on the manufacturer's website.
- **General Care:** Keep the unit free from dust and moisture. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.

7. Troubleshooting

7.1 No Sound

- Check the audio harness connection (Amplifier vs. No Amplifier). Ensure only one is connected correctly based on your vehicle's system.
- Verify volume settings on the stereo and your phone (if connected via Bluetooth/CarPlay).
- Ensure speakers are properly connected and not damaged.

7.2 CarPlay/Android Auto Disconnects

- Ensure a stable 5G WiFi connection.
- Check your phone's settings for any power-saving modes that might disconnect Bluetooth or Wi-Fi.
- Try forgetting the device on both the stereo and your phone, then re-pairing.
- Ensure the "Automatically Connect" option is enabled in Car Link 2.0 settings.

7.3 WiFi Connectivity Issues

- Verify your hotspot or Wi-Fi source is active and providing a strong signal.
- Restart the stereo and your Wi-Fi source.
- Check for any physical obstructions that might interfere with the signal.

7.4 Backup Camera Not Working

- Ensure the camera is properly connected and receiving power.
- Check the camera settings in the stereo's menu.

7.5 Unit Freezing/Overheating

- Ensure proper ventilation around the unit.
- If the issue persists, contact customer support.

8. Specifications

Feature	Detail
Display Size	10.1 Inches
Resolution	1280 x 800
Processor	4-core
RAM	2GB
ROM	64GB
Operating System	Android 12
Connectivity	Bluetooth 5.0, 5G WiFi, USB
Audio Output Mode	Stereo
Special Features	Wireless CarPlay & Android Auto, FM RDS Audio, GPS Navigation, 1080P Rear View Camera Support, Steering Wheel Control, Mirror Link
Item Weight	3.63 pounds
Package Dimensions	12.13 x 8.31 x 6.54 inches
Manufacturer	Jufodrca

9. Warranty and Support

9.1 Warranty Information

The Jufodrca Car Radio Stereo comes with a**lifetime warranty**, ensuring long-lasting performance and peace of mind.

9.2 Technical Support

Jufodrca offers lifetime after-sales service and professional technical support with over 20 years of experience. For any questions or assistance regarding your product, please follow these steps:

1. Visit the Jufodrca-US store on the Amazon platform.
2. Locate the "Ask a question" feature to submit your inquiry.

Our professional team aims to reply to your questions within 24 hours.

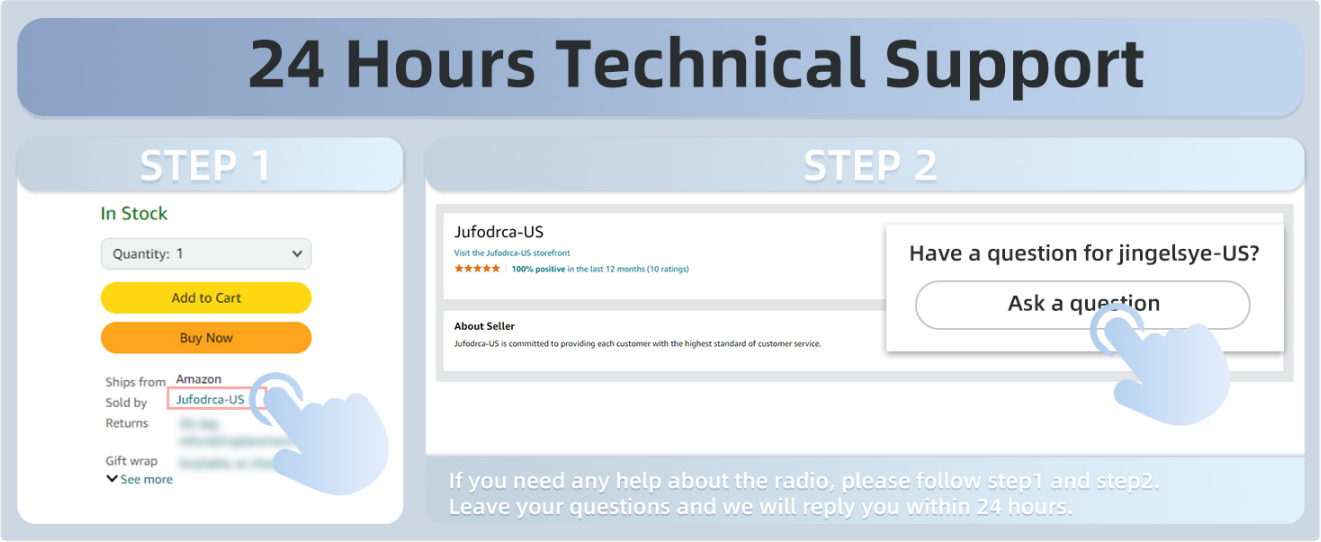


Figure 9.1: Steps to contact Jufodrca technical support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question