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> Jufodrca Android 13 Car Stereo Radio for Jeep Wrangler JK (2007-2017) - 10.1 inch Touchscreen User Manual

Jufodrca B0DLP5MM5R

Jufodrca Android 13 Car Stereo Radio User Manual

Model: B0DLP5MM5R

Compatible with Jeep Wrangler JK (2007-2017), Grand Cherokee (2005-2011), Compass/Patriot (2009-2016), Liberty (2008-2011), Commander (2008-2011), Chrysler Town & Country (2007-2010), Dodge Grand Caravan (2011-2014), and Charger (2008-2010).

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jufodrca Android 13 Car Stereo Radio. Please read this manual thoroughly before using the product to ensure proper function and safety.

Key Features:

- **Operating System:** Android 13 with 1.6GHz Octa-Core CPU, 4GB RAM + 32GB storage.
- **Display:** 10.1-inch 1280×800 HD Touchscreen.
- **Connectivity:** Wireless CarPlay & Android Auto, Bluetooth 5.0, Dual-band 2.4G/5G WiFi, USB.
- **Navigation:** Built-in GPS supporting offline and online maps.
- **Audio:** AM/FM/RDS Radio, 36-band EQ, DSP Sound.
- **Camera Support:** AHD 720P/1080P backup camera input.
- **Control:** Steering Wheel Control (SWC) support.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1 x Head Unit
- 1 x Backup Camera
- 1 x Reversing Cable
- 1 x CanBus Box
- 1 x Crowbar (for trim removal)
- 1 x Power Cord
- 1 x RCA Cable Set

- 2 x USB Cables
- 1 x GPS Antenna
- 1 x 3.5mm Microphone



Figure 2.1: All components included in the Jufodra car stereo package.

3. INSTALLATION GUIDE

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

3.1 Wiring Connections

Follow these steps to connect the wiring harness to the head unit:

1. Connect the main power cable to the corresponding port on the head unit.
2. Connect the Canbus box to the 8-pin connector on the wiring harness, then plug the 8-pin connector into the head

unit.

3. Connect the 20-pin RCA cable set to the head unit. This includes audio output, video input/output, and auxiliary inputs.
4. Connect the 3.5mm microphone to the designated input on the RCA cable set.
5. Connect the 4-pin and 6-pin USB cables to the head unit.
6. Connect the GPS antenna to the dedicated GPS port on the head unit.
7. Connect the 10-pin rear camera signal wire to the head unit.

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Video 3.1: This video demonstrates the step-by-step process of connecting the various cables and components to the Jufodrca car stereo head unit, including the power cable, Canbus box, RCA cables, microphone, USB cables, GPS antenna, and rear camera signal wire.

3.2 Physical Installation

After connecting all necessary wires, carefully mount the head unit into your vehicle's dashboard. Ensure all connections are secure and no wires are pinched. Test the unit before fully reassembling the dashboard trim.



Figure 3.2: Visual comparison of a car dashboard before and after the installation of the Jufodrca car stereo, highlighting the enhanced appearance.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay & Android Auto

Connect your iPhone or Android device wirelessly to access navigation, music, calls, and messages directly on the stereo's display. Use voice commands for hands-free operation.

CarPlay & Android Auto



**Wireless
Android Auto**

● USB

● Bluetooth

Wireless CarPlay



Hey ,Siri ,call Jack.

Hey ,Siri ,play road trip tunes.

OK, Google, navigate to the nearest gas station.

OK, Google, play workout playlist on Spotify.



Figure 4.1: The car stereo displaying both Wireless Android Auto and Wireless CarPlay interfaces, along with examples of voice commands for navigation and music.

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Video 4.1: This video provides an overview of the Jufodra car stereo's features, including its Bluetooth 5.0 connectivity, Wireless/Wired CarPlay functionality, DSP sound settings, FM/AM radio, split-screen capability, GPS navigation, and UI customization options.

4.2 GPS Navigation

The unit features built-in GPS with support for both offline and online maps. Download map data for North America for navigation without an internet connection. Connect to WiFi for real-time traffic updates and online map services.



Figure 4.2: The car stereo displaying GPS navigation with a detailed map and route information.

4.3 Bluetooth 5.0

Pair your smartphone via Bluetooth 5.0 for hands-free calling and audio streaming. Access your phonebook and call history directly from the stereo.

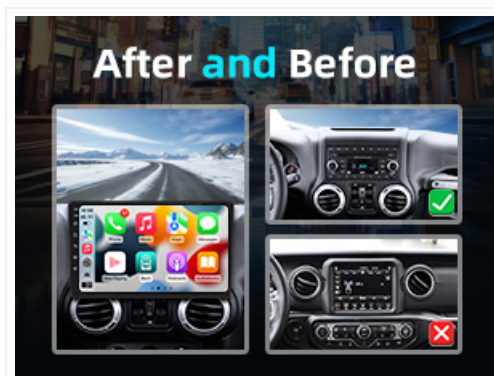


Figure 4.3: The car stereo's Bluetooth interface, showing a new message notification and options for phone calls and music playback.

4.4 AM/FM/RDS Radio

Tune into your favorite AM/FM radio stations. RDS (Radio Data System) provides additional information like station name and song titles where available.



Figure 4.4: The car stereo showing both the Bluetooth call interface and the FM/RDS radio interface with equalizer settings.

4.5 Backup Camera

The system supports AHD 720P/1080P backup cameras, providing a clear view of the area behind your vehicle when reversing. The image automatically displays when the vehicle is shifted into reverse gear.



Figure 4.5: The car stereo displaying a 1080P AHD backup camera view with parking guidelines.

4.6 Steering Wheel Control (SWC)

Integrate with your vehicle's existing steering wheel controls for safe and convenient operation of the stereo's functions, such as volume, track changes, and call management.

1080P HD Backup Camera



Steering Wheel Control

Enhancing driving safety by allowing you to control the car's multimedia system without taking your hands off the wheel.



Figure 4.6: The car stereo's interface for programming steering wheel controls, allowing customization of button functions.

4.7 DSP Sound Effects & EQ

Utilize the built-in Digital Sound Processor (DSP) and 36-band equalizer to fine-tune your audio experience. Adjust sound fields, surround effects, bass enhancement, and apply sound filters to match your preferences.

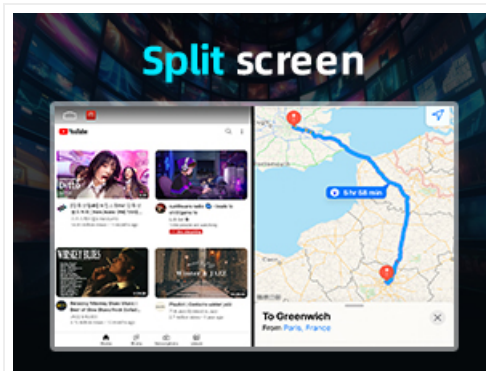


Figure 4.7: The DSP sound effects interface, allowing precise adjustments to sound ranges and filters.

4.8 Split Screen Functionality

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

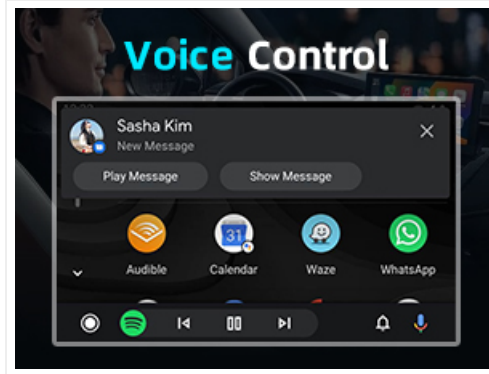


Figure 4.8: The split-screen feature in action, displaying two applications concurrently on the stereo's display.

4.9 UI Replacement

Customize the user interface (UI) of your car stereo with various available themes and layouts to personalize your experience.

Android 13 System

Ultra silicon core chips, 8 core powerful processor, 4 GB RAM + 32 GB ROM



WiFi Connection

You can enjoy seamless music streaming, real-time online navigation and smooth web browsing with minimal lag

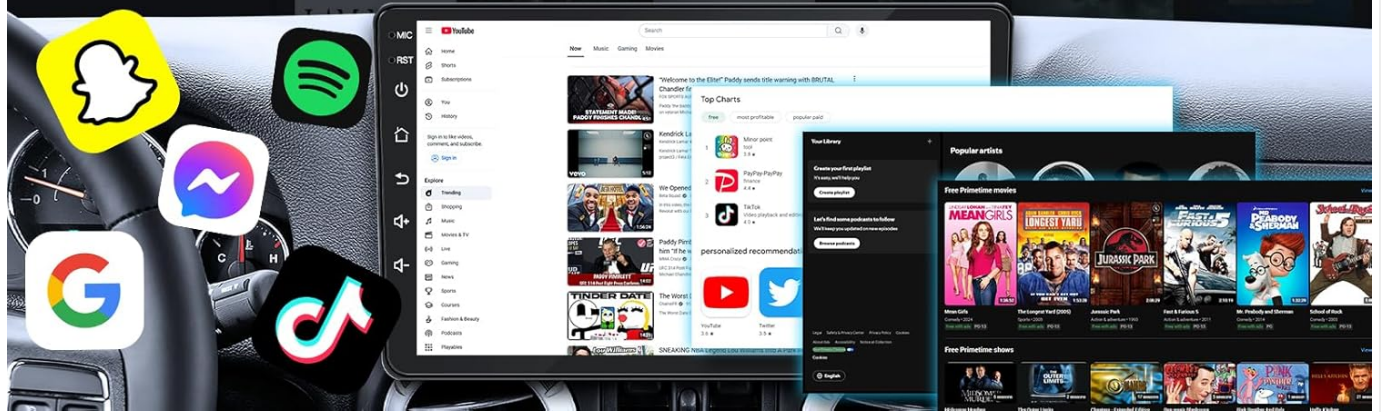


Figure 4.9: The Android 13 system interface, highlighting the 4GB RAM + 32GB ROM configuration and a screen demonstrating WiFi connectivity for seamless browsing and streaming.

5. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.5 x 12.2 x 8.3 inches
Item Weight	3.56 pounds
Screen Size	10.1 Inches
Operating System	Android 13
Memory/Storage	4GB RAM + 32GB ROM

Connectivity Technology	Bluetooth 5.0, USB, Wi-Fi (2.4G/5G)
Special Features	1080P Rear View Camera Support, FM RDS Radio & DSP, GPS, SWC, Mirror Link, Wireless Carplay & Android Auto
Map Type	North America
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount

6. TROUBLESHOOTING

If you encounter issues with your Jufodrca car stereo, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's battery is properly connected and charged. Verify fuses.
- **No Sound:** Check speaker connections, volume levels, and audio settings (EQ, DSP). Ensure the correct audio source is selected.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your device. Delete previous pairings and try reconnecting.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check map data for corruption or outdated versions.
- **CarPlay/Android Auto Not Connecting:** Verify your phone's operating system is up to date. Ensure the feature is enabled on the stereo and your phone. Try restarting both devices.
- **Backup Camera Not Displaying:** Check the camera's power and video signal connections. Ensure the reverse gear signal wire is correctly connected to the stereo.
- **Steering Wheel Controls Not Working:** Ensure the SWC wires are correctly connected and the controls are programmed in the stereo's settings.

For persistent issues, contact Jufodrca customer support.

7. MAINTENANCE

To ensure the longevity and optimal performance of your car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install software updates to improve performance and add new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect its electronic components.
- **Wiring:** Regularly inspect wiring for any signs of wear or damage.

8. WARRANTY AND SUPPORT

Your Jufodrca car stereo is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact Jufodrca customer service through their official website or the retailer where the product was purchased.

Keep your purchase receipt as proof of purchase for warranty purposes.

