Jufodrca 10 inch-1

Jufodrca Android 13 Car Radio User Manual

Model: 10 inch-1 | For Jeep Compass (2017-2020)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Jufodrca Android 13 Car Radio. This unit is specifically designed for Jeep Compass models from 2017 to 2020, offering an enhanced in-car entertainment and navigation experience. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: The Jufodrca Android 13 Car Radio, 10-inch model, shown installed in a Jeep Compass dashboard.

2. Safety Information

- Always ensure the vehicle is parked and the engine is off before attempting any installation or wiring.
- Professional installation is recommended to avoid damage to the unit or vehicle.
- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Keep the unit away from water and excessive moisture.
- Use only specified power cables and accessories.

3. Package Contents

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

- Head Unit (10-inch Android 13 Car Radio)
- Reversing Cable
- GPS Antenna
- Backup Camera
- Microphone
- 6-pin USB Cable
- 4-pin USB Cable
- CAN BUS Decoder
- Crowbar (for trim removal)
- Power Cable
- RCA Cable



Image: A visual representation of all components included in the product package.

4. Setup and Installation

This car radio is designed for direct replacement in Jeep Compass 2017-2020 models. All necessary wiring harnesses are included for a plug-and-play installation. Professional installation is highly recommended.

4.1 Pre-Installation Steps

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Original Radio:** Carefully remove the trim panels and the original car radio from your dashboard. Use the provided crowbar if necessary.
3. **Inspect Wiring:** Familiarize yourself with the existing wiring harness in your vehicle.

4.2 Connecting the Head Unit

4. **Connect Power and CAN BUS:** Connect the provided power cable and CAN BUS decoder to the vehicle's wiring harness and the new head unit.
5. **Connect Peripherals:** Attach the GPS antenna, microphone, USB cables, and RCA cables to their respective ports on the head unit.
6. **Backup Camera (Optional):** If installing the backup camera, route its cable to the rear of the vehicle and connect it to the reversing cable input on the head unit. Ensure proper power connection for the camera.
7. **Test Connections:** Before fully reassembling, temporarily reconnect the battery and power on the unit to ensure all functions (radio, display, sound, steering wheel controls, camera) are working correctly.

4.3 Final Assembly

7. **Mount Head Unit:** Secure the new head unit into the dashboard opening.
8. **Reinstall Trim:** Carefully reattach all trim panels.
9. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.



Image: Comparison showing the original car radio setup versus the new Jufodrca Android 13 Car Radio installed.

5. Operating Instructions

5.1 Display and User Interface

The unit features a 10-inch 1280x800 IPS HD touchscreen display. The Android 13 operating system provides a user-friendly interface with multiple UI options for customization.

- **Touchscreen Operation:** Navigate through menus and applications by tapping, swiping, and pinching on the screen.
- **Brightness Adjustment:** Adjust screen brightness via settings for optimal visibility in various lighting conditions.



Image: Illustrates the clarity and color reproduction of the 1280x800P IPS HD touchscreen.

5.2 Wireless/Wired CarPlay & Android Auto

Connect your smartphone for seamless integration with the car radio.

- **Connection:** Connect your iPhone via Wireless CarPlay or Android phone via Wireless Android Auto. Wired connections are also supported via USB.
- **Features:** Access navigation, make calls, send messages, and play music using voice commands or the touchscreen interface.



Image: Demonstrates the CarPlay and Android Auto interfaces, highlighting voice control capabilities.

5.3 Bluetooth 5.0 & Audio

The unit features Bluetooth 5.0 for stable wireless connections and high-fidelity audio output.

- **Pairing:** Go to Bluetooth settings on the head unit and your phone to pair devices.
- **Hands-Free Calling:** Make and receive calls directly through the car radio.
- **Audio Streaming:** Stream music from your paired device.
- **FM/RDS Radio:** Tune into FM radio stations. The RDS function displays station information.
- **EQ Settings:** Customize audio output using the built-in equalizer for a personalized listening experience.



Image: Visual representation of the Bluetooth 5.0 module and its functions, including phone calls and music playback.

5.4 GPS Navigation

The unit supports both offline and online GPS navigation.

- **Online Maps:** Connect to 5G WiFi to use real-time online navigation apps.
- **Offline Maps:** Download maps for offline use, ensuring navigation even without an internet connection.
- **Route Planning:** Access real-time route planning and multi-route options.

5.5 5G WiFi & OTA Updates

The car radio supports fast and reliable 5G WiFi connectivity.

- **WiFi Connection:** Connect to a mobile hotspot or available WiFi networks for internet access.
- **OTA Updates:** The system supports Over-The-Air (OTA) updates for firmware and software, ensuring your unit always has the latest features and improvements.

Image: Highlights the benefits of 5G WiFi for faster internet speed and OTA updates for software maintenance.

5.6 Backup Camera

The included 1080P backup camera automatically displays the rearview when the vehicle is in reverse.

- **Automatic Display:** The screen automatically switches to the camera view when reverse gear is engaged.
- **Parking Assistance:** Grid lines on the display assist with parking maneuvers.



Image: Shows the backup camera view on the car radio screen, including parking guidelines and obstacle warnings.

5.7 Steering Wheel Control (SWC)

The unit supports your vehicle's existing steering wheel controls, allowing you to manage functions without taking your hands off the wheel.

- **Configuration:** Access the SWC settings in the unit's menu to map your steering wheel buttons to various functions (e.g., volume, track skip, call answer/end).
- **Safety:** Reduces distractions and enhances driving safety.



Image: Depicts the steering wheel control interface, illustrating how to program buttons for various functions.

5.8 Wireless HD Mirror Link

Project your smartphone screen onto the car radio display.

- **Connection:** Connect your phone via Wi-Fi or Bluetooth to mirror its display.
- **Content Sharing:** View videos, photos, and other content from your phone on the larger car radio screen.

5.9 Split Screen Display

Utilize the split-screen feature to run two applications simultaneously.

- **Multitasking:** For example, use navigation on one side and play music or view another app on the other side.

- **Enhanced View:** Maximizes view for map details or media content.

6. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Regularly check for and install OTA software updates to ensure optimal performance and access to new features.
- **General Care:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, vehicle battery issue.	Check all power connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound	Volume too low, mute activated, speaker wiring issue, incorrect audio source.	Increase volume. Check mute setting. Verify speaker connections. Select correct audio source.
GPS signal lost or inaccurate	GPS antenna not properly connected or obstructed, driving in an area with poor signal.	Ensure GPS antenna is securely connected and has a clear view of the sky. Move to an open area.
Bluetooth connection issues	Device not in pairing mode, interference, incorrect pairing process.	Ensure both devices are in pairing mode. Delete previous pairings and re-pair. Move closer to the unit.
Backup camera not displaying	Camera not connected, reversing cable issue, camera power issue.	Check camera and reversing cable connections. Ensure camera is receiving power when in reverse.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

8. Specifications

- **Brand:** Jufodrca
- **Model:** 10 inch-1
- **Operating System:** Android 13
- **Screen Size:** 10 inches
- **Display Type:** IPS Touchscreen
- **Resolution:** 1280x800
- **Processor:** 8-Core
- **Memory Storage Capacity:** 64 GB
- **Connectivity:** Bluetooth 5.0, 5G WiFi, USB
- **Special Features:** Wireless/Wired CarPlay & Android Auto, GPS Navigation, FM/RDS Radio, 1080P Backup Camera Support, Steering Wheel Control (SWC), Mirror Link, Split Screen

- **Compatible Vehicle Type:** Jeep Compass (2017-2020)
- **Mounting Type:** Dashboard Mount
- **Audio Output Mode:** Stereo

9. Warranty and Support

9.1 Warranty Information

This product comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included in your package or visit the official Jufodrca website.

9.2 Customer Support

If you require assistance with installation, operation, or troubleshooting, please contact Jufodrca customer support. You can typically find contact information on the brand's official website or through the retailer where the product was purchased.

For additional resources and product information, visit theJufodrca Store on Amazon.

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

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