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> Jufodrca 12.1-inch 8-Core 4GB+64GB Car Radio Instruction Manual for Ford F150 (2015-2020)

Jufodrca 8Core 4GB+64GB 12.1 Inch Car Radio

Jufodrca 12.1-inch 8-Core 4GB+64GB Car Radio Instruction Manual

Model: 8Core 4GB+64GB 12.1 Inch Car Radio

Brand: Jufodrca

INTRODUCTION

This manual provides instructions for the Jufodrca 12.1-inch HD Tesla Style Touch Screen Car Radio. This unit is designed for Ford F150 (2015–2020) and F250 / F350 / F450 (2017–2020) models equipped with SYNC 1 or SYNC 2 systems. It supports both manual and automatic air conditioning versions. The system features an 8-core processor, 4GB RAM, and 64GB ROM, offering Wireless CarPlay, Wired Android Auto, GPS Navigation, 5G WiFi, Bluetooth 5.0, FM/AM/RDS Radio, DSP, and Steering Wheel Control compatibility. Please note, this car radio is not compatible with vehicles equipped with the original B&O audio system.



Image: Compatibility chart for Ford F150 and F-Series trucks. This image illustrates various dashboard configurations and indicates which are compatible with the Jufodrca car radio, explicitly stating that models with B&O audio systems are not supported.

SETUP AND INSTALLATION

Before beginning installation, ensure the vehicle's ignition is off and the battery is disconnected. Refer to your vehicle's service manual for specific dashboard disassembly instructions. The unit is designed for seamless integration with your factory setup.

Included Accessories



Image: Product List. This diagram displays all components included with the car radio, such as the reversing cable, GPS antenna, backup camera, microphone, radio antenna, USB cables, CAN BUS, crowbar, power cable, and RCA cable.

The package includes a complete wiring harness and essential accessories for installation, such as a reversing cable, GPS antenna, backup camera, microphone, radio antenna, USB cables, CAN BUS module, and a crowbar tool. An external microphone and a night vision HD backup camera are provided as bonus accessories.

Installation Steps

1. Carefully remove the factory radio and dashboard trim.
2. Connect the provided wiring harness to the vehicle's existing connectors.
3. Connect the GPS antenna, WiFi antenna, and external microphone.
4. If installing the backup camera, route the camera cable to the rear of the vehicle and connect it to the appropriate input on the head unit.
5. Mount the new Jufodrca car radio securely into the dashboard opening.
6. Reconnect the vehicle battery and test all functions before reassembling the dashboard trim.

Your browser does not support the video tag.

Video: Installation Guide for OEM SYNC1, SYNC2, SYNC 3 Systems (without B&O). This video provides a detailed step-by-step guide on how to install the car radio unit in compatible Ford F150 models, specifically addressing vehicles with SYNC 1, SYNC 2, or SYNC 3 systems, excluding those with B&O audio.

OPERATING INSTRUCTIONS

Display and Interface

The unit features a 12.1-inch IPS touchscreen with 1024×768 resolution and 2.5D capacitive glass. It supports 1080P video playback. The split-screen function allows two applications to run simultaneously, such as navigation and music playback.

For Ford Focus 2015-2021



Image: Car Stereo Radio for Ford F150. This image displays the 12.1-inch touchscreen unit integrated into a Ford F150 dashboard, showcasing its user interface with multiple application icons.

Wireless CarPlay and Wired Android Auto

Connect your smartphone via Wireless CarPlay or Wired Android Auto for integrated access to calls, music streaming, maps, and voice commands. This allows for hands-free operation of your favorite applications directly from the touchscreen.



Image: CarPlay & Android Auto. This image shows the car radio's display with both Wireless CarPlay and Android Auto interfaces active, demonstrating smartphone integration for navigation, music, and communication.

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Video: Car Stereo Radio for Ford F150. This video demonstrates the general operation and features of the car stereo radio, including its interface and responsiveness, within a Ford F150.

GPS Navigation and WiFi Connectivity

The unit supports both online and offline GPS navigation. Online maps provide real-time traffic updates, while offline maps ensure guidance without a signal. With 5G WiFi hotspot support, you can download applications and stream media directly on the unit.

GPS Navigation

Provides real-time route planning, offline map access, and multi-route options, enhancing safety and convenience for drivers

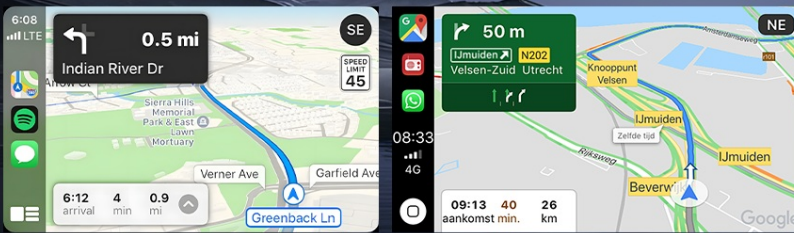
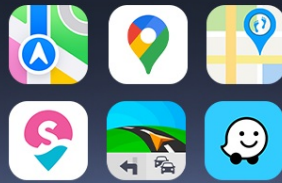


Image: GPS Navigation. This image shows the car radio's screen displaying a detailed GPS navigation map with route planning and destination information.

Dual-Band WiFi

Supports 2.4G / 5G dual-band WiFi connections, eliminating lag and ensuring more stable connections

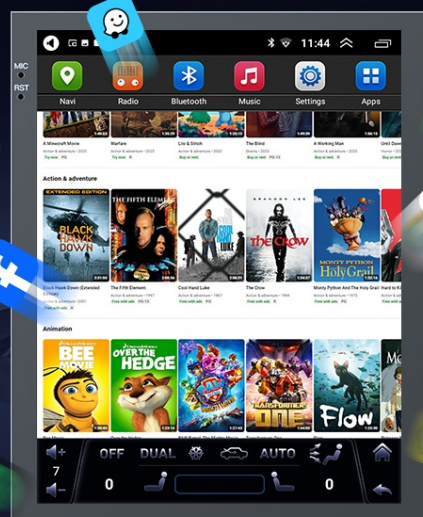
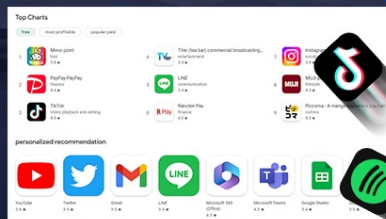
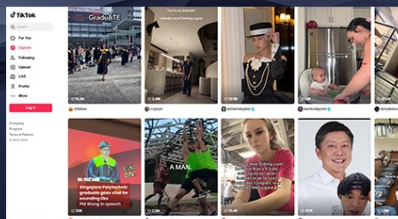


Image: Dual-Band WiFi. This image highlights the unit's 5G WiFi capability, showing various streaming and social media app icons, signifying fast and stable internet connectivity for in-car entertainment and app usage.

Backup Camera and Steering Wheel Control

The included Full HD night vision backup camera provides a 170° wide-angle view and IP69 waterproof rating. The screen automatically displays the rear view when shifting into reverse. The unit supports OEM camera input and retains steering wheel control functionality, allowing for hands-free operation of audio and calls.

1080P Backup Camera

The car stereo comes with a night vision camera that automatically displays the rearview mirror when you pull into reverse.



Automatic warning of obstacles



Image: 1080P Backup Camera. This image illustrates the backup camera functionality on the car radio screen, showing a clear rear view with parking assistance lines and a visual of the camera unit itself.

Steering Wheel Control



Reduce distractions: Adjust music, calls, and navigation without leaving the wheel.



Image: Steering Wheel Control. This image shows a driver utilizing the steering wheel controls to manage the car radio, emphasizing the convenience of adjusting music, calls, and navigation without removing hands from the wheel.

Audio Features

The unit includes FM/AM/RDS radio functionality and 48 EQ settings for audio customization. Bluetooth 5.0 enables high-quality audio streaming and hands-free calling.

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Video: Radio Upgrade for 2015-2020 Ford F150 After Installation. This video showcases the functionality of the upgraded radio system in a Ford F150, demonstrating features such as air conditioning control and steering wheel control integration after installation.

MAINTENANCE

To maintain optimal performance and longevity of your Jufodrca car radio, follow these guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and exterior surfaces. Avoid abrasive cleaners or solvents that may damage the display or finish.
- **Software Updates:** Periodically check for available Over-The-Air (OTA) software updates to ensure the system has the latest features and performance enhancements.

- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods, as this can affect performance and lifespan.
- **Cable Connections:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power/Unit does not turn 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, loose speaker wires, incorrect audio settings.	Increase volume. Check mute status. Verify speaker wire connections. Adjust audio settings.
CarPlay/Android Auto not connecting	Bluetooth/WiFi off on phone, incorrect settings, incompatible phone.	Ensure Bluetooth and WiFi are enabled on your phone. Check connection settings on the unit. Restart phone and unit.
GPS signal lost or inaccurate	GPS antenna obstruction, poor satellite reception, outdated maps.	Ensure GPS antenna has a clear view of the sky. Update navigation maps if necessary.
Steering Wheel Controls not working	Incorrect wiring, system not configured for vehicle.	Verify CAN BUS connections. Check unit settings for steering wheel control configuration.

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

SPECIFICATIONS

Feature	Detail
Brand	Jufodrca
Vehicle Service Type	Truck (Ford F150 2015-2020, F250/F350/F450 2017-2020)
Screen Size	12.1 Inches
Display Type	IPS Touch Screen, 1024x768 Resolution, 2.5D Capacitive Glass
Processor	8-Core
Memory (RAM)	4 GB
Storage (ROM)	64 GB
Connectivity Technology	Bluetooth 5.0, USB, 5G Wi-Fi
Navigation System	GPS (Online/Offline Maps)
Audio Features	FM/AM/RDS Radio, DSP with 48 EQ settings
Human Interface Input	Touchscreen, App, Voice, Steering Wheel Control
Backup Camera	Full HD Night Vision, 170° Wide-Angle, IP69 Waterproof

Feature	Detail
UPC	754175629848
ASIN	B0GCH47J9G

WARRANTY AND SUPPORT

Jufodrca is committed to providing reliable after-sales support. If you have any questions regarding the installation or operation of your car radio, please contact our professional technical support team. We are dedicated to offering prompt and helpful assistance.

For support, please refer to the contact information provided with your purchase or visit the official Jufodrca website.

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