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› KUNFINE 12.8-inch Tesla Style Car Stereo for Jeep Grand Cherokee 2014-2017 User Manual

## KUNFINE 12.8-Octa Core-4G-64G-CarPlay/Android Auto

# KUNFINE 12.8-inch Tesla Style Car Stereo User Manual

Model: 12.8-Octa Core-4G-64G-CarPlay/Android Auto  
For Jeep Grand Cherokee 2014-2017

## 1. INTRODUCTION AND OVERVIEW

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This manual provides detailed instructions for the installation, operation, and maintenance of your KUNFINE 12.8-inch Tesla Style Car Stereo. This advanced head unit is designed to enhance your driving experience with features such as CarPlay, Android Auto, GPS navigation, and comprehensive multimedia capabilities. It is specifically compatible with Jeep Grand Cherokee models from 2014 to 2017.

The system runs on a powerful Android operating system, featuring an Octa Core processor, 4GB RAM, and 64GB ROM, ensuring stable and responsive performance. Enjoy seamless smartphone integration, precise navigation, and high-quality audio playback.

## 2. SETUP AND INSTALLATION

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### 2.1. Vehicle Compatibility Check

Before proceeding with installation, it is crucial to verify that your vehicle's dashboard configuration is compatible with this head unit. This unit is designed for Jeep Grand Cherokee models manufactured between 2014 and 2017.

# ATTENTION PLEASE!!!



Please check your original unit and make sure yours same as the correct one before your purchase!!!

This image illustrates the compatible dashboard configurations for the Jeep Grand Cherokee. Ensure your vehicle's dashboard matches the '2014-2017' configuration marked with a green checkmark for proper fitment. Models from 2011-2013 are not compatible.

## 2.2. Package Contents

Please ensure all components listed below are present in your package:

- 1x Car Android Head Unit with Mask (12.8-inch)
- 1x GPS Antenna
- 1x Power Cable (Plug & Play)
- 2x USB Port Cables
- 1x RCA Expand Cable
- 1x RCA Connector for Reverse Camera
- 1x Install Kit (GIFT)
- 1x External Mic (GIFT)
- 1x AHD 720 Reverse Camera (GIFT)
- CANBUS Decoder (INCLUDED)

## Package Content



12.8 Inch



Power Cable



Cable Plug



Camera Input



USB Cable (4/6 pinhole)



Canbus



GPS Antenna



RCA Wire Harness

**BUNDLED**



AHD Reverse Camera



External Mic



Crowbar

This image illustrates the complete package contents, including the 12.8-inch head unit, power cable, cable plug, camera input cable, USB cables, Canbus decoder, GPS antenna, RCA wire harness, AHD reverse camera, external microphone, and installation tools (crowbar).

### 2.3. Installation Process

Installation typically involves removing the factory head unit, connecting the provided wiring harness, GPS antenna, USB cables, and reverse camera, then mounting the new unit. The included install kit and plug-and-play power cable simplify the process. For detailed vehicle-specific instructions, it is recommended to consult a professional installer or refer to online resources for your specific Jeep Grand Cherokee model.



**KUNFINE**  
DRIVING WITH FUN



This image demonstrates the visual transformation of the vehicle's dashboard, showing the original factory unit on the left and the integrated

### 3. OPERATING INSTRUCTIONS

#### 3.1. CarPlay and Android Auto

The head unit supports both Apple CarPlay and Android Auto for seamless smartphone integration. CarPlay offers wireless connectivity for iOS devices, while Android Auto requires a wired connection for Android devices. Both allow access to navigation, music, calls, and messages via the car stereo's display and voice commands.



This diagram demonstrates the integration of CarPlay, Android Auto, and Mirror Link. CarPlay and Mirror Link are wireless for iPhone, while Android Auto and Mirror Link are wired for Android phones. It shows how to access music, navigation, and voice assistants.

#### 3.2. GPS Navigation and Wi-Fi

Utilize the integrated GPS module for accurate navigation. The system supports various online and offline map applications. Connect to Wi-Fi via a mobile hotspot or external Wi-Fi source to download apps, stream content, and access real-time

traffic information.



The image highlights the GPS navigation and Wi-Fi features of the head unit. It supports both online and offline maps and allows for app downloads, enabling access to navigation, entertainment, and communication applications.

### 3.3. Multimedia Playback

The head unit supports various audio and video formats. Enjoy music and videos from USB drives, Bluetooth streaming, or installed applications. The professional DSP chip and multi-EQ bands allow for customized sound adjustments to achieve optimal audio quality.

# Music & Radio

Multi-EQ Bands available.adjust the sound as you wish!  
Professional DSP Chip Creating Shocking Sound Quality

Only good hardware can create good sound quality.  
Professional power amplifier IC chips are used to achieve your idea sound quality!



The image displays the multimedia capabilities, including music playback and FM radio. It features multi-EQ bands for sound adjustment and a professional DSP chip for enhanced audio quality.

## 3.4. Steering Wheel Control (SWC) and Rear View Camera

The system integrates with your vehicle's existing steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. The included AHD 720 reverse camera provides a clear view of the area behind your vehicle when reversing, enhancing safety. Optional 360-degree camera systems are also supported.

# Steering Wheel Control Rear View Camera



This image illustrates the support for steering wheel controls, allowing easy operation while driving. It also shows the functionality of the rear view camera, providing a clear display with parking assistance lines. An optional 360-degree camera system is also supported.

## 4. 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 that may damage the display or finish.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Software Updates:** Periodically check for and install available software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Connections:** Ensure all cables and connections are secure to prevent intermittent issues.

## 5. TROUBLESHOOTING

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

- **Unit Not Powering On:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **Slow Performance:** Close unnecessary applications running in the background. Clear system cache if available in settings.
- **No Sound:** Verify volume settings, check speaker connections, and ensure the correct audio source is selected.
- **Poor Radio Signal:** Check the antenna connection. In some areas, signal strength may vary.
- **GPS Not Working:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check location services settings.
- **CarPlay/Android Auto Connection Issues:** For CarPlay, ensure Wi-Fi and Bluetooth are enabled on your iPhone. For Android Auto, ensure the USB cable is securely connected and is a data-transferring cable.

If problems persist after attempting these steps, please contact KUNFINE customer support for further assistance.

## 6. SPECIFICATIONS

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Below are the key technical specifications for your KUNFINE 12.8-inch Tesla Style Car Stereo:

# REAL COLOR ULTRA CLEAR

## Screen Size: 10.4"

Manual measurement may have errors



Full Touch  
Anti-Scrath  
IPS

The large HD screen is clearer  
and smoother

Choose the suitable one yourself

This image showcases the high-definition IPS touchscreen, emphasizing its clarity, vibrant colors, and smooth touch response. The product features a 12.8-inch display, providing an expansive and clear visual experience.

Feature	Detail
Display Size	12.8 Inches
Resolution	1920 x 1080
Processor (CPU)	Octa Core
RAM	4GB
ROM (Internal Storage)	64GB
Operating System	Android System
CarPlay	Wireless
Android Auto	Wired

Feature	Detail
Mirror Link	iOS: Wireless, Android: Wired
Network	Wi-Fi
Bluetooth	5.0
Reverse Camera Support	Yes (Aftermarket AHD 720 included)
360 Camera Support	Optional
DSP (Digital Sound Processor)	Yes
Radio	FM, RDS
Connectivity Technology	USB
Map Type	North America
Item Weight	8.8 pounds
Package Dimensions	16.93 x 15.35 x 8.66 inches

# Version Parameter Comparison

CPU	Octa Core
RAM	4G
ROM	64G
OS	Android System
CarPlay	Wireless
Android Auto	Wired
Mirror Link	IOS: Wireless Android: Wired
Network	WiFi
BT	5.0
Reverse Cam(Aftermarket)	Support
360 Camera	Optional
DVR	Optional
DSP	Yes
RDS	Yes
Radio	FM
Multimedia	Video+Music
Positioning Module	GPS&GLONASS

This table provides a detailed comparison of the technical specifications for the head unit, including its Octa Core CPU, 4GB RAM, 64GB ROM, Android operating system, wireless CarPlay, wired Android Auto, and Bluetooth 5.0 connectivity.

## 7. WARRANTY AND SUPPORT

### 7.1. Warranty Information

Your KUNFINE car stereo comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

### 7.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact KUNFINE customer support. Provide your product model number and purchase details for efficient service. Your consultation is always welcomed.

Contact information can typically be found on the seller's page or through the platform where the product was purchased.

