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> Jingelsye 10.1" Tesla Style Touch Screen Stereo Replacement for Jeep Grand Cherokee WK (2014-2017) - 2G RAM 64G ROM User Manual

Jingelsye B0DP72S3V3

Jingelsye 10.1" Tesla Style Touch Screen Stereo Replacement for Jeep Grand Cherokee WK (2014-2017) - User Manual

Model: B0DP72S3V3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jingelsye 10.1" Tesla Style Touch Screen Stereo Replacement for Jeep Grand Cherokee WK models from 2014 to 2017. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The Jingelsye 10.1" Tesla Style Touch Screen Stereo is designed to seamlessly integrate into your Jeep Grand Cherokee WK, offering advanced features and an enhanced user experience. It runs on Android 13 with a quad-core processor, 2GB RAM, and 64GB ROM.

Key Features:

- 10.1-inch IPS HD Touchscreen (1280x800 resolution)
- Wired and Wireless CarPlay & Android Auto
- Built-in Bluetooth 5.0 for hands-free calling and audio streaming
- 5G WiFi connectivity
- Dual-Mode GPS Navigation (online/offline)
- FM/RDS Radio with DSP Audio processing and 15-band EQ
- Supports 1080P AHD Reversing Camera (included)
- Steering Wheel Control compatibility

3. COMPATIBILITY AND FITMENT

This unit is specifically designed for Jeep Grand Cherokee WK models manufactured between 2014 and 2017. Please ensure your vehicle's center console and connector type match the requirements for proper fitment.



Figure 3.1: Compatible and Incompatible Dashboards. Ensure your vehicle has protruding A/C knobs for proper fitment. Models with recessed and flat A/C knobs are not compatible.

4. PACKAGE CONTENTS

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

Package list



Figure 4.1: Package Contents. Includes main unit, microphone, power cable, crowbar, GPS module, original vehicle's USB cable, reversing cable, RCA cable, CANBUS, 2*USB cable, and backup camera.

- 1x Main Head Unit (10.1" Tesla Style Screen)
- 1x Power Cable Harness
- 1x GPS Module
- 1x External Microphone
- 1x Reversing Camera (1080P AHD)
- 1x Reversing Camera Cable
- 1x CANBUS Decoder
- 1x RCA Cable Set
- 2x USB Cables
- 1x Plastic Pry Tool (Crowbar)
- 1x Original Vehicle's USB Cable

5. INSTALLATION GUIDE

Installation is plug-and-play, requiring no modification to original wiring. However, professional installation is recommended. Ensure the vehicle's power is off before beginning installation.

5.1 Wiring and Connections

Connect the provided wiring harness to the vehicle's existing connectors. Ensure all connections are secure. The CANBUS decoder should be connected to integrate with vehicle features like steering wheel controls and climate information.

5.2 Backup Camera Installation

Install the 1080P AHD reversing camera at the rear of the vehicle. Connect the camera's video output to the designated input on the head unit using the provided reversing cable. Ensure the camera's power is connected to the vehicle's reverse light circuit for automatic activation.



Figure 5.1: 1080P Backup Camera Connection. The camera provides a 170° wide-angle view with night vision and IP68 waterproof rating.

6. OPERATING INSTRUCTIONS

6.1 CarPlay & Android Auto

The unit supports both wired and wireless CarPlay and Android Auto. Connect your smartphone via USB or Bluetooth to access navigation, music, calls, and other apps directly on the head unit.

CarPlay & Android Auto

Wireless/Wired

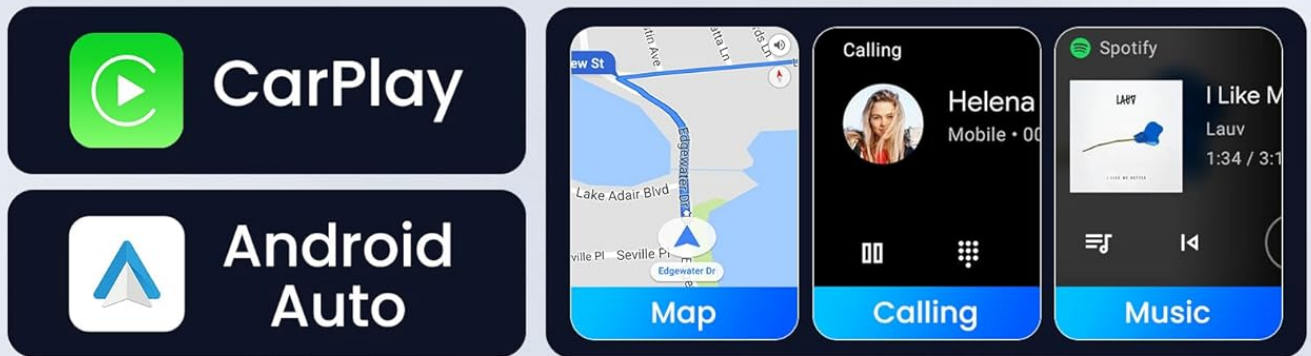


Figure 6.1: CarPlay and Android Auto Interface. Seamlessly integrate your smartphone for navigation, music, and communication.

Video: Demonstration of CarPlay and Android Auto connection process.

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This video demonstrates how to connect CarPlay and Android Auto to the head unit, including both wired and wireless methods.

Video: Overview of various functions including CarPlay, Android Auto, Bluetooth, FM Radio, DSP Sound, 5G WiFi, and Split Screen.

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This video provides a general overview of the car radio's features for Jeep Grand Cherokee 2014-2017, showcasing CarPlay, Android Auto, Bluetooth, FM Radio, DSP Sound, 5G WiFi, and Split Screen functionality.

6.2 Bluetooth 5.0

Connect your phone via Bluetooth 5.0 for hands-free calling, phonebook synchronization, and audio streaming. The unit includes a

built-in external microphone for clear call quality.



Figure 6.2: Bluetooth 5.0 and Mirror Link. Supports hands-free calling and music streaming.

Video: Demonstration of Bluetooth 5.0 functionality.

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This video demonstrates the Bluetooth 5.0 features, including pairing and hands-free calling, within the car radio interface.

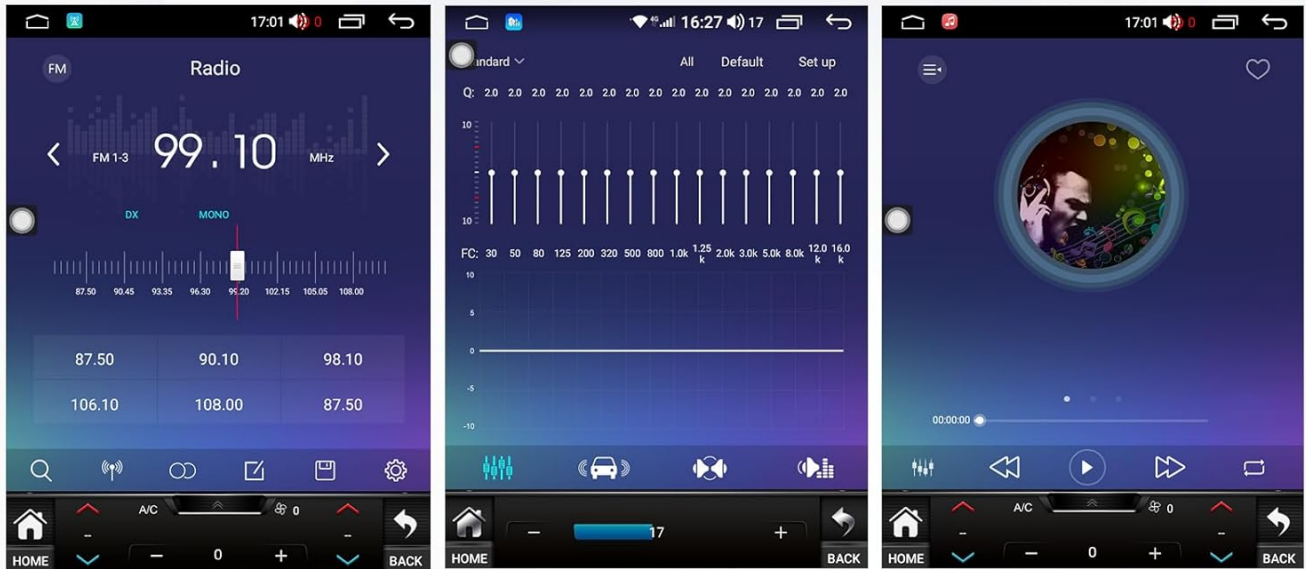
6.3 GPS Navigation

Utilize the dual-mode GPS for both online and offline navigation. The unit supports voice guidance, 2D/3D maps, and dual-zone tracking. Pre-installed maps for North America are included.

6.4 FM/RDS Radio

Tune into your favorite FM stations with RDS support for real-time traffic and news updates. The advanced head unit receiver ensures clear audio quality.

FM / RDS / 15EQ / Subwoofer



Subwoofer



FM/HIFI Audio



15 EQ

DSP DSP

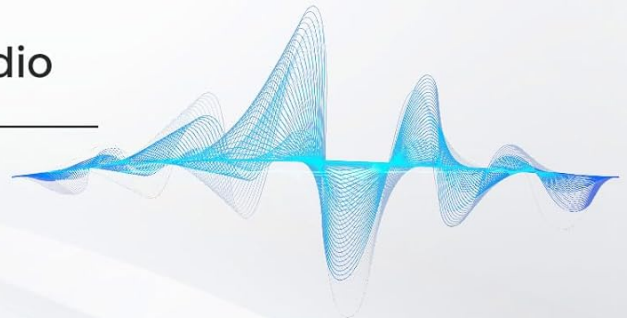


Figure 6.3: FM/RDS Radio and Audio Settings. Features 15-band EQ and subwoofer control for high-quality audio.

6.5 5G WiFi Connectivity

Connect to 5G WiFi for fast internet access, allowing you to download apps, stream content, and browse the web directly from the head unit.

Faster 5G WiFi Support

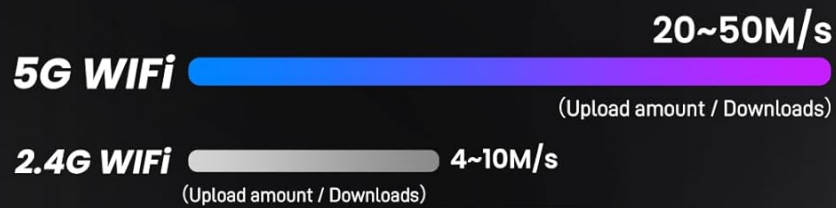


Figure 6.4: 5G WiFi Support. Experience faster upload and download speeds compared to 2.4G WiFi.

6.6 Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

Video: Demonstration of various functions including Google Maps, Lossless player, Voice control, Drop-down menu, WiFi, Bluetooth, DSP, Google Chrome, Steering wheel control, HD Video, and Split-screen.

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This video provides a comprehensive demonstration of the radio's functions, including Google Maps navigation, lossless audio playback, voice control, drop-down menu operations, WiFi and Bluetooth connectivity, DSP sound settings, Google Chrome browsing, steering wheel control, HD video playback, and split-screen multitasking.

7. SETTINGS AND CUSTOMIZATION

7.1 DSP Sound Settings

Adjust the audio output with the Digital Sound Processor (DSP) and 15-band equalizer to customize your listening experience. You can select from various preset modes or create custom sound profiles.

Video: Demonstration of DSP Sound Settings and EQ adjustments.

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This video showcases the system settings, CANBUS configuration, steering wheel control learning, UI theme customization, video playback, and detailed EQ settings for the car radio.

7.2 Steering Wheel Control

The unit retains your vehicle's original steering wheel control functionality, allowing you to manage audio, calls, and navigation without taking your hands off the wheel.



Figure 7.1: Steering Wheel Control. Customize button functions for convenience.

7.3 UI Theme Switching

Personalize your head unit's appearance by switching between various UI themes available in the settings.

Video: Demonstration of UI theme switching and other system settings.

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This video demonstrates the vertical car radio's features, including climate control, Google Maps, radio functions, Bluetooth, WiFi, GPS, Android version information, key light settings, APK installation, and split-screen mode.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse	Check power connections and vehicle fuses. Ensure proper installation.
No sound output	Speaker wires disconnected; Volume too low; Mute activated	Verify speaker connections. Adjust volume. Check mute status.
CarPlay/Android Auto not connecting	Incorrect USB port; Bluetooth not paired; App not launched	Ensure using the correct USB port (from 4-pin connector for CarPlay). Pair Bluetooth. Launch CarPlay/Android Auto app on head unit.
GPS signal weak/lost	GPS antenna obstruction; Poor satellite coverage	Ensure GPS antenna is properly installed and has a clear view of the sky.
Steering wheel controls not working	CANBUS not connected; Controls not configured	Verify CANBUS connection. Configure steering wheel controls in the unit's settings.

9. SPECIFICATIONS

- **Display Size:** 10.1 Inches
- **Resolution:** 1280x800 HD
- **Operating System:** Android 13
- **Processor:** Quad-Core

- **RAM:** 2GB
- **ROM:** 64GB
- **Bluetooth:** Version 5.0
- **WiFi:** 5G Support
- **Connectivity:** Bluetooth, USB, Wi-Fi
- **Audio Output Mode:** Stereo
- **Item Weight:** 4.53 pounds
- **Package Dimensions:** 18.15 x 13.5 x 4.8 inches

10. WARRANTY AND SUPPORT

Jingelsye stands behind its products with technical support. If you encounter any questions during installation or use, please contact our expert team for assistance. Refer to your purchase documentation for specific warranty details.