

[Manuals.plus](#) /

› [Surakey](#) /

› Surakey Android 13 Car Radio Instruction Manual for Jeep Liberty 2008-2012

## Surakey B0FT7459ZY

# Surakey Android 13 Car Radio Instruction Manual

For Jeep Liberty 2008-2012 (Model: B0FT7459ZY)

## 1. PRODUCT OVERVIEW

This Surakey Android 13 Car Radio is designed for Jeep Liberty models from 2008 to 2012. It features a 10-inch touch screen, 4GB RAM, 64GB ROM, and integrates advanced functionalities such as GPS navigation, wireless CarPlay, wireless Android Auto, Bluetooth, WiFi, FM/RDS radio, steering wheel control (SWC), and split-screen display. An AHD backup camera is also included for enhanced safety.



Image 1.1: Front view of the Surakey Android 13 Car Radio unit.

## 2. SETUP AND INSTALLATION

### 2.1 Compatibility Check

Before installation, verify that your vehicle is a Jeep Liberty manufactured between 2008 and 2012. It is recommended to send a complete image of the plugs on the back of your vehicle's center console and main unit to the seller to confirm compatibility and identify any additional wiring harnesses or adapters required.



## SWC Function

Easy to switch songs, radio channels, and adjust the sound volume



Image 2.1: Reminder to verify vehicle compatibility before installation.

## 2.2 Product Wiring

Refer to the wiring diagram below for connecting the car radio to your vehicle's electrical system. Ensure all connections are secure and correctly matched to prevent damage to the unit or vehicle.

## Mirror Link

Support mirror link function, support WIFI screen mirroring from IOS and android smartphone.



Image 2.2: Detailed product wiring diagram showing connections for power, speakers, and auxiliary inputs.

## 2.3 Reversing Camera Installation

The included AHD backup camera provides a clear view when reversing. Follow these steps for proper installation:

1. Connect the camera's positive power wire to the positive pole of your car's reversing light.
2. Connect the camera's negative power wire to the negative pole of your car's reversing light.
3. The reversing trigger is controlled by the stereo and does not require a separate connection.
4. Ensure the white plug is connected to the main device for Bluetooth and WiFi signals.

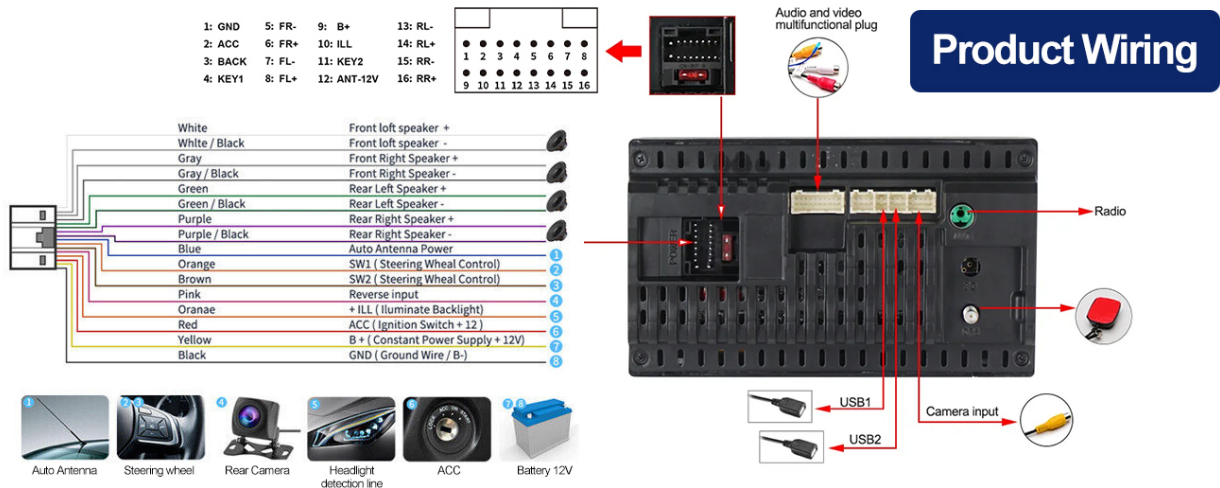


Image 2.3: Wiring diagram for the reversing camera, showing connections to the reversing light and main unit.

## 2.4 Backup Camera Format and Resolution Setup

To ensure optimal performance of the backup camera, configure its format and resolution:

1. Tap the settings icon on the main screen to open the settings menu.
2. Select **Factory Settings**, then enter the password **8888**.
3. Navigate to **Protocol Parameter Settings**.
4. Select **Reverse video resolution settings**.
5. Choose the correct setting based on your camera type. For OEM cameras, select NTSC/PAL. For the included camera, keep the default AHD/25.



Image 2.4: Steps 1-2 for configuring backup camera settings.

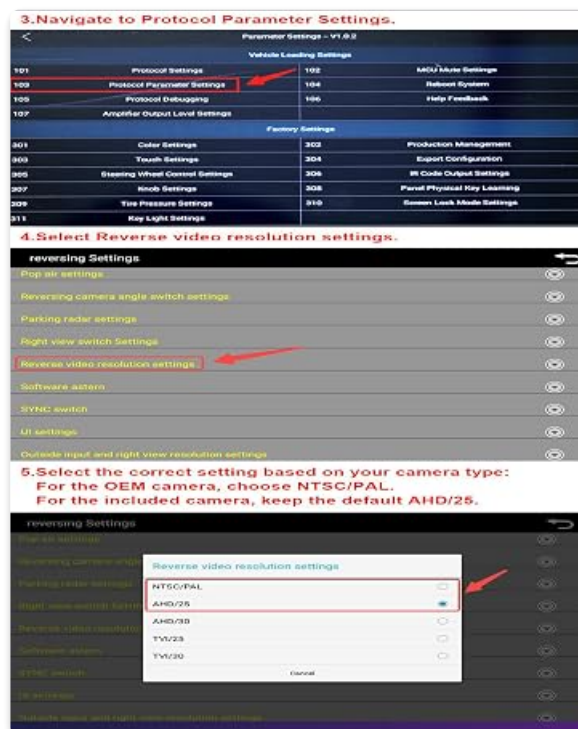


Image 2.5: Steps 3-5 for configuring backup camera settings, including resolution selection.

## 3. OPERATING INSTRUCTIONS

### 3.1 CarPlay and Android Auto

Connect your iOS or Android smartphone via wired USB cable or wirelessly using Bluetooth and WiFi. This allows access to phone functions such as navigation, music, calls, and messages directly from the car radio display. Voice control is supported.



Image 3.1: Display showing Wireless CarPlay and Android Auto interfaces with voice command examples.

### 3.2 Mirror Link

Mirror Link functionality allows you to display your smartphone screen directly onto the car radio. This can be achieved via USB data cable or WiFi connection for both iOS and Android devices.

# Bluetooth & FM/RDS Radio

## Hands-free Calling



## Bluetooth Music



Image 3.2: Illustration of the Mirror Link feature, showing a smartphone screen mirrored on the car stereo.

## 3.3 Split Screen Display

The split-screen feature enables the simultaneous display of two applications, such as navigation and music playback, enhancing multitasking capabilities while driving.



Image 3.3: Example of split-screen functionality, displaying navigation and media player simultaneously.

## 3.4 GPS Navigation

The car radio supports both offline and online navigation. Use the included GPS module for offline navigation or connect to WiFi/WLAN to download and use online navigation applications.

## Wireless Carplay & Android Auto



Image 3.4: GPS navigation screen showing a route and options for online/offline maps.

### 3.5 Bluetooth and FM/RDS Radio

The unit features Bluetooth for hands-free calling, accessing your phone's address book, and streaming music. The integrated FM/RDS radio provides access to local radio stations, news, and real-time traffic updates.

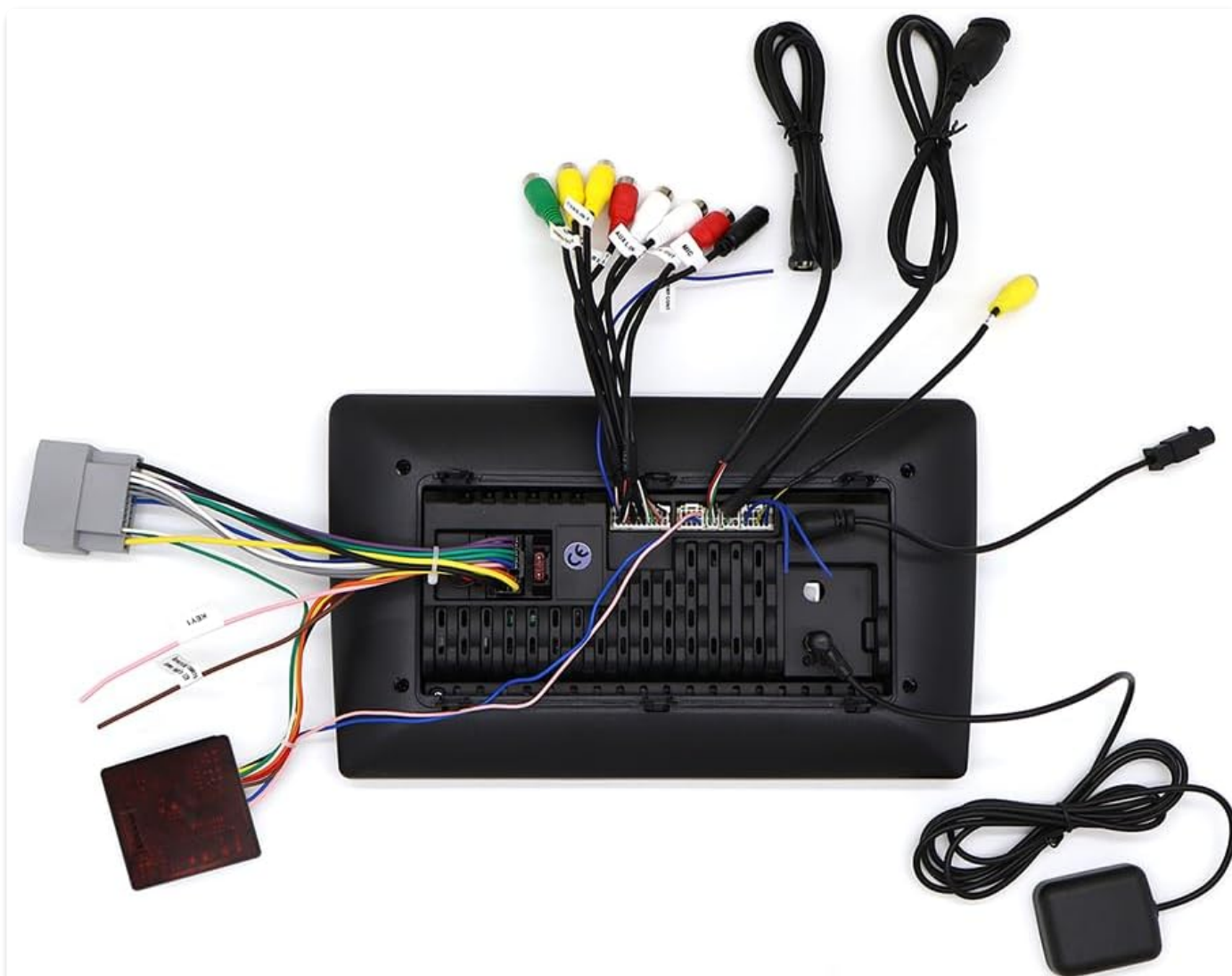


Image 3.5: Displays for Bluetooth hands-free calling, Bluetooth music, and FM radio tuning.



## Note:

Please check your car model before you shoot your order, calculate the year and model number and check the compatibility, or send us a complete image of the plugs on the back of the center console and on-board main unit (as the picture shown) to make sure it matches exactly and help you confirm if you need any other wiring harness or adapters.

Image 3.6: Detailed view of the FM Radio interface with frequency display.

### 3.6 Steering Wheel Control (SWC)

The SWC function allows you to control various features of the car radio, such as answering calls, changing music tracks, and adjusting volume, directly from your steering wheel buttons.



## Backup Camera

Support rear view camera input, parking car more convenient. The AHD rearview camera will display the image automatically when in reverse.



Dynamic trajectory



Waterproof



Viewing Angle

Image 3.7: Illustration of steering wheel controls interacting with the car radio interface.

### 3.7 Digital Sound Processor (DSP) Function

The integrated DSP feature provides high-quality audio processing, allowing for personalized audio settings and an optimized soundstage for an enhanced in-car audio experience.

## Split-screen Display

Experience multiple functions at once with the split-screen feature on your car's infotainment display, making your driving experience smarter and more efficient.

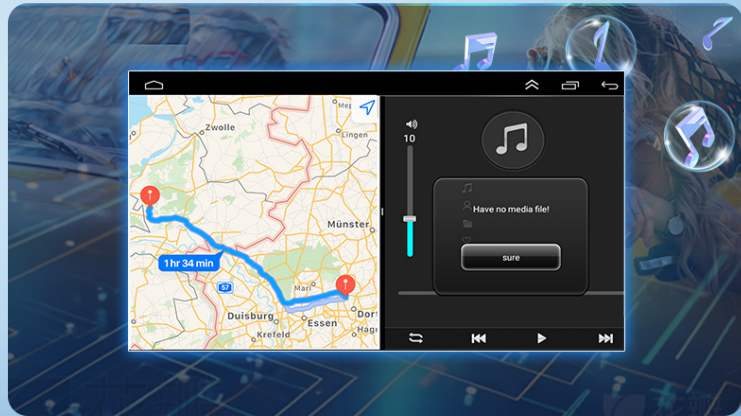
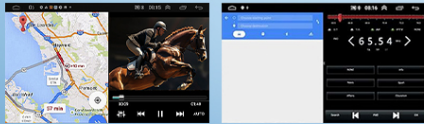
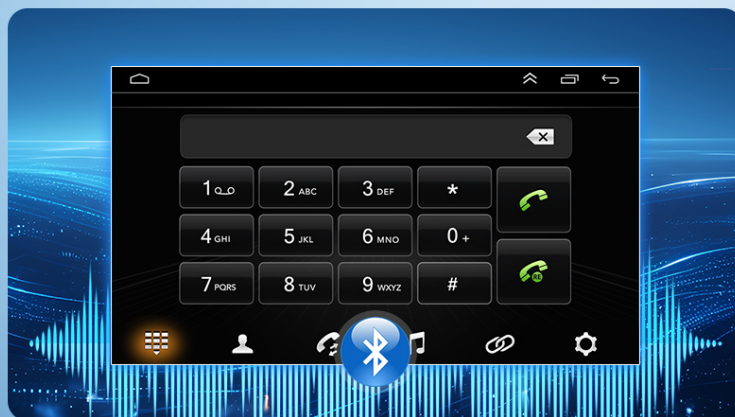


Image 3.8: DSP equalizer interface for custom audio adjustments.

### 3.8 WiFi Connectivity

Connect the car radio to a WiFi network to access online features, download applications, and use online maps. The built-in Bluetooth also allows for hands-free phone operation and music streaming.



## Bluetooth

Bluetooth with A2DP/Hands Free/Phone book: Bluetooth hands-free calls, Bluetooth music player.



Image 3.9: Display showing WiFi connectivity and various online applications.

### 3.9 General Operation Video

Your browser does not support the video tag.

Video 3.1: An official video demonstrating the general operation and features of a universal car stereo radio. This video provides a visual guide to navigating the interface and utilizing key functions.

## 4. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Software Updates:** Periodically check for and install any available software updates to ensure the system runs

efficiently and securely.

- **Cable Connections:** Ensure all cables remain securely connected. Loose connections can lead to intermittent functionality.

## 5. TROUBLESHOOTING

### 5.1 Common Issues and Solutions

- **No Power:** Check all power connections and fuses. Ensure the ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio source selection. Check DSP settings if applicable.
- **GPS Not Working:** Ensure the GPS module is properly connected and has a clear view of the sky. Check navigation app settings.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the car radio and your phone. Delete previous pairings and try reconnecting.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase custom settings).

### 5.2 Backup Camera Compatibility

This unit supports OEM CVBS 720P backup cameras. 360-degree panoramic cameras are not supported. If your OEM backup camera is not compatible, use the included backup camera. If issues persist, contact customer support.

## 6. SPECIFICATIONS

| Feature            | Detail                    |
|--------------------|---------------------------|
| Model Number       | B0FT7459ZY                |
| Operating System   | Android 13                |
| RAM                | 4GB                       |
| ROM                | 64GB                      |
| Screen Size        | 10 inches                 |
| Screen Type        | 2.5D HD Touch Screen      |
| Connectivity       | Bluetooth, WiFi, USB      |
| Navigation         | GPS (Online/Offline)      |
| Compatibility      | Jeep Liberty 2008-2012    |
| Item Weight        | 1.6 ounces                |
| Package Dimensions | 1.97 x 1.18 x 1.18 inches |

## 7. WARRANTY INFORMATION

Please refer to the manufacturer's official website or your purchase documentation for detailed warranty information regarding the Surakey Car Radio. Warranty terms typically cover manufacturing defects for a specified period from the

date of purchase.

## 8. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any inquiries regarding your Surakey Car Radio, please contact the seller directly. The seller for this product is Fuyatong-US.

- **Seller:** Fuyatong-US
- **Email:** [Fuyatongus@outlook.com](mailto:Fuyatongus@outlook.com)



Image 8.1: Visual representation of customer support contact details.

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### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

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

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**