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› [MOOKAKA](#) /

› MOOKAKA 13 Inch Touchscreen Car Stereo User Manual for Land Rover Range Rover Sport L494 (2014-2017) Harman System

MOOKAKA L494 Harman System 8GB RAM 64GB ROM

MOOKAKA 13 Inch Touchscreen Car Stereo User Manual

For Land Rover Range Rover Sport L494 (2014-2017) with Harman System

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MOOKAKA 13-inch touchscreen car stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of vehicle electrical systems, professional installation is highly recommended to prevent damage to the unit or your vehicle.
- **Operating While Driving:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with a negative ground. Incorrect voltage can cause damage.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit away from water and excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MOOKAKA 13-inch Touchscreen Car Stereo Unit
- Power Harness
- GPS Antenna
- USB Cables
- External Microphone (if included)
- User Manual
- Installation Accessories (brackets, screws, etc.)

4. PRODUCT OVERVIEW

The MOOKAKA 13-inch touchscreen car stereo is designed to integrate seamlessly into your Land Rover Range Rover Sport L494 (2014-2017) with Harman System, offering advanced multimedia and navigation features.



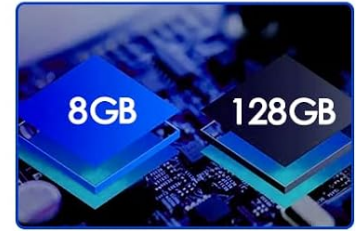
Figure 4.1: MOOKAKA 13-inch touchscreen car stereo installed in a Land Rover Range Rover Sport L494 dashboard, displaying a multimedia interface.



 **Android 10.0**



 **8 Core CHIP**



 **RAM: 8GB
ROM: 128GB**



 **IPS Screen VS
Normal Screen**



 **High resolution**



 **2.5D Touch Screen**



 **10000+ Apps**



 **Built-in DSP EQ**



 **Voice Control Siri
/ Hey Google**

Figure 4.2: Overview of the main features, including Android 10 operating system, 8-core processor, 8GB RAM, 64GB ROM, IPS screen, HD resolution, 2.5D touch screen, support for over 10,000 apps, built-in DSP, and voice control capabilities.

5. SETUP

5.1 Pre-installation Checks

- **Vehicle Compatibility:** Confirm your vehicle is a Land Rover Range Rover Sport L494 (2014-2017) with a Harman audio system. If unsure, consult a professional or the manufacturer.
- **Tools Required:** Gather necessary tools such as screwdrivers, trim removal tools, and wiring connectors.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning installation to prevent electrical shorts.

5.2 Installation Steps

Installation involves removing the factory head unit and integrating the new MOOKAKA unit. Specific steps may vary based on your vehicle's exact configuration. Refer to a professional installation guide or seek assistance from a qualified technician.

1. Carefully remove the existing dashboard trim and factory head unit.
2. Connect the provided power harness, GPS antenna, and other necessary cables to the MOOKAKA unit. Ensure all connections are secure.
3. Mount the new unit into the dashboard opening.
4. Reconnect the vehicle's battery and perform initial power-on tests.
5. Reassemble the dashboard trim.



Figure 5.1: Visual comparison of the vehicle's dashboard before and after the MOOKAKA 13-inch touchscreen car stereo installation.

5.3 Initial Power-On

After installation, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone.

6. OPERATING INSTRUCTIONS

6.1 Basic Navigation and Touchscreen

The unit features a responsive 13-inch IPS capacitive touchscreen. Navigate through menus and applications by tapping, swiping, and pinching gestures similar to a smartphone or tablet.

13 Inch IPS Screen

1920*1080 Resolution

5 point-touch capacitive screen, perfect visual effect



Figure 6.1: The 13-inch IPS touchscreen displaying a media player interface, highlighting its high resolution and visual clarity.

6.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access Apple CarPlay or Android Auto. This allows for integrated navigation, music, calls, and messaging directly on the car stereo display.

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- On the car stereo, select the CarPlay or Android Auto application.
- Follow the on-screen instructions to pair your device.

Carplay & Android Auto

Easily connect your phone to the car multimedia players without buying additional accessories



Figure 6.2: The car stereo displaying the CarPlay interface, demonstrating wireless connectivity with a smartphone for integrated functions.

6.3 Bluetooth Connectivity

The unit supports Bluetooth 5.0 for hands-free calling, phone book download, and music streaming.

- Go to the Bluetooth settings on the stereo.
- Enable Bluetooth on your phone and search for available devices.
- Select the stereo's name (e.g., "MOOKAKA Car Stereo") from your phone's list and pair.



Figure 6.3: Visual representation of Bluetooth connectivity, enabling hands-free communication and audio streaming between the stereo and mobile devices.

6.4 AM/FM Radio

Access the built-in AM/FM radio tuner with RDS functionality. You can save your favorite stations as presets.

- Open the Radio application.
- Use the scan function to find stations or manually tune.

- Press and hold a preset button to save the current station.



Figure 6.4: Illustration of the Radio RDS feature, indicating its ability to display station information.

6.5 GPS Navigation

The unit supports various navigation applications (e.g., Google Maps, IGO) via its built-in GPS module and Wi-Fi/4G connectivity.

- Ensure the GPS antenna is properly installed.
- Open your preferred navigation app from the main menu.
- Enter your destination and follow the voice-guided directions.



Figure 6.5: Depiction of the navigation system, showcasing compatibility with popular mapping applications like Google Maps and IGO.

6.6 Multimedia Playback

Play music and videos from various sources, including USB drives, internal storage, or streaming apps.



Figure 6.6: Illustration of the multimedia capabilities, supporting music and video playback from various sources.

6.7 Split Screen Functionality

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

- Open the first application.
- Long-press the recent apps button or follow specific gestures to activate split-screen mode.
- Select the second application to display alongside the first.

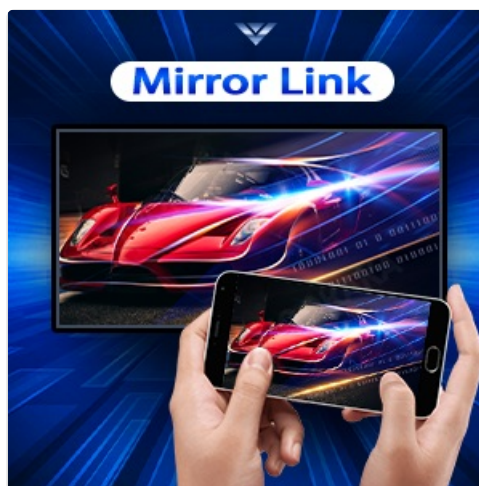


Figure 6.7: The split-screen feature in action, displaying a navigation map and a video concurrently on the stereo screen.

6.8 Steering Wheel Control

The unit supports integration with your vehicle's existing steering wheel controls for safe and convenient operation of audio and other functions.

- Access the steering wheel control settings in the unit's menu.
- Follow the on-screen instructions to map your vehicle's steering wheel buttons to the desired functions.

Figure 6.8: Close-up of steering wheel controls, illustrating their integration with the car stereo for convenient operation.

6.9 Rear View Camera

If a compatible rear view camera is connected, the display will automatically switch to the camera feed when the vehicle is in reverse gear.

Figure 6.9: The car stereo screen displaying a rear view camera feed with dynamic parking guidelines, aiding in safe reversing.

6.10 Wi-Fi and 4G Connectivity

Connect to Wi-Fi hotspots or insert a 4G SIM card (if supported by your model) to access online features, download apps, and stream content.

- Go to Network settings.
- Select Wi-Fi and connect to an available network, or insert a 4G SIM card into the designated slot.



Figure 6.10: Illustration of 4G and Wi-Fi connectivity options, enabling internet access for the stereo unit.

7. MAINTENANCE

7.1 Cleaning the Screen

Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronic displays. Do not use abrasive cleaners or solvents.

7.2 Software Updates

Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be found in the system settings menu or on the manufacturer's website.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, incorrect wiring	Check power harness connections. Inspect vehicle fuses. Verify wiring diagram.

Problem	Possible Cause	Solution
No sound	Volume too low, mute activated, speaker wiring issue	Increase volume. Check mute status. Verify speaker connections.
GPS signal lost or inaccurate	GPS antenna obstructed or disconnected	Ensure GPS antenna has a clear view of the sky and is securely connected.
Touchscreen unresponsive	Software glitch, screen damage	Restart the unit. If problem persists, contact support.
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off, phone compatibility, app issues	Ensure phone's Bluetooth/Wi-Fi is on. Update phone OS. Restart both devices.

9. SPECIFICATIONS

Feature	Detail
Display Size	13 Inches
Display Resolution	1920 x 1080 pixels
Operating System	Android (Version 10.0 as per images)
Processor	8-Core (P60 as per images)
RAM	8 GB
Internal Storage (ROM)	64 GB
Bluetooth	Bluetooth 5.0 with APTX Loss Less Music Streaming
Connectivity	Wi-Fi, 4G (optional SIM support)
Radio Tuner	AM/FM with RDS (12 FM presets, 6 AM presets)
Audio Output Mode	Stereo, Built-in DSP EQ
Special Features	Wireless CarPlay & Android Auto, GPS Navigation, Split Screen, Steering Wheel Control, Rear View Camera Support
Product Dimensions	45.01 x 23.5 x 53.01 cm

10. WARRANTY AND SUPPORT

This MOOKAKA head unit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or any product-related inquiries, please contact MOOKAKA customer service. Provide your purchase details and a clear description of the issue for prompt assistance.

- **Email Support:** Refer to your purchase documentation or the MOOKAKA official website for the support email address.
- **Online Resources:** Visit the MOOKAKA website for FAQs, software updates, and additional support materials.

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.

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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.

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