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LSLYA RK-680

LSLYA RK-680 Single Din Car Stereo User Manual

Model: RK-680

1. INTRODUCTION

1.1 Overview

Thank you for choosing the LSLYA RK-680 Single Din Car Stereo. This unit features a 6.9-inch IPS touch screen, offering seamless integration with Apple CarPlay and Android Auto. It supports Mirror Link, Bluetooth hands-free calling and music streaming, FM/AM radio, and includes a backup camera for enhanced safety. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user experience.



Image: The LSLYA RK-680 car stereo unit with its 6.9-inch display, accompanied by the included microphone, backup camera, and steering wheel remote control. A smartphone displaying Apple CarPlay and Android Auto interfaces is also shown, illustrating connectivity.

1.2 Package Contents

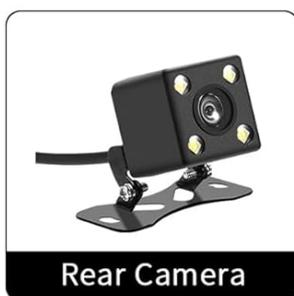
Please verify that all items listed below are included in your package:

- Car Stereo Unit
- Backup Camera & Microphone
- Wiring Harness Accessories
- Control Remote Control for Steering Wheel Control
- User Manual

Package List



Remote Control



Rear Camera



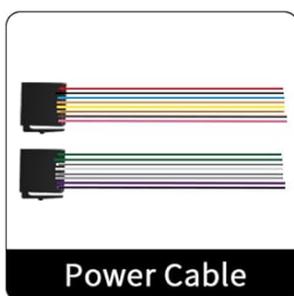
Rear View Camera Cable



Rear View Camera Cable



Microphone



Power Cable



User Manual

Image: A visual representation of the LSLYA RK-680 car stereo package contents, including the main unit with its dimensions (7.4 in / 18.9 cm width, 2 in / 5 cm height, 6.9 in / 17.5 cm depth), remote control, rear camera, rear view camera cables, microphone, power cable, and user manual.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these guidelines may result in injury or damage to the device or vehicle.

- **Power Supply:** This car stereo is designed for **12V DC car voltage only**. Do not connect to 24V systems, as this will cause damage.
- **Professional Installation:** For optimal safety and performance, professional installation is highly recommended.
- **Wiring:** Ensure all wiring connections are secure and correctly matched according to the wiring diagram to prevent short circuits or malfunctions.
- **Driving Safety:** Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit dry. Do not expose it to water or excessive humidity.

3. SETUP AND INSTALLATION

3.1 Installation Guidelines

Before beginning installation, disconnect the vehicle's negative battery terminal to prevent electrical shorts. Ensure the mounting location is suitable for a single DIN unit with the extended screen. Refer to your vehicle's specific dash removal instructions if necessary.

3.2 Wiring Diagram

Carefully follow the wiring diagram provided. Incorrect wiring can damage the unit or your vehicle's electrical system. Use the included wiring harness for proper connections.



Image: A comprehensive wiring diagram for the LSLYA RK-680 car stereo. It illustrates connections for speakers (Green, Green/Black, White, White/Black, Gray, Gray/Black, Purple, Purple/Black), power (Red to +12V Ignition, Yellow to +12V Constant, Black to Ground), antenna, illuminate backlight, brake control, ground wire, and parking sensor control wires. The diagram also shows the connections for the remote control, rear camera, microphone, and power cable.

3.2.1 Reversing Camera Wiring

To enable the automatic display of the rear view when reversing, connect the backup camera as follows:

- Connect the camera's power cable (red wire) to the vehicle's reversing lamp positive (+).
- Connect the camera's ground wire (black wire) to a suitable vehicle ground point (GND).
- Connect the video output cable from the camera to the 'CAM IN' input on the car stereo.
- Connect the pink wire from the stereo's wiring harness to the reversing lamp positive (+) or a signal wire that becomes active when reverse gear is engaged.



Image: A detailed diagram showing how to wire the reversing camera to the car stereo. It highlights connecting the camera's power to the reversing lamp, the camera's video output to the stereo's rear view input, and the stereo's pink wire to the reversing lamp for automatic activation.

4. OPERATING INSTRUCTIONS

4.1 Basic Operations

The unit features a responsive IPS touch screen for intuitive control. Use the physical knob for volume adjustment and power on/off. Navigate through menus and select functions by touching the corresponding icons on the display.

4.2 Apple CarPlay & Android Auto

Connect your iPhone or Android smartphone via a USB cable to enable Apple CarPlay or Android Auto. This allows you to access navigation, make calls, send messages, and play music directly from your phone's interface displayed on the stereo screen. Voice control (Siri or Google Assistant) is supported for hands-free operation.

CarPlay & Android Auto



Image: The car stereo's 6.9-inch screen displaying the Apple CarPlay interface with various app icons. A smartphone is connected via USB, and voice assistant prompts like "Hey Siri, Play Music" and "Hi, Google, Call Bob" are shown, indicating voice control functionality.

4.3 Mirror Link Function

The Mirror Link function allows you to project your smartphone's screen onto the car stereo display. Connect your iPhone or Android phone via USB to mirror content such as videos, photos, or navigation apps. This feature is ideal for sharing content or using GPS navigation directly from your phone on a larger screen.

Reversing Camera



Image: The car stereo screen mirroring a smartphone's display, showing a navigation map. Below, two smartphones are depicted, one for iOS and one for Android, both connected via USB to illustrate the Mirror Link capability.

4.4 Bluetooth Hands-Free & Music Streaming

Pair your mobile phone with the car stereo via Bluetooth for hands-free calling and wireless audio streaming. This allows you to make and receive calls safely while driving and enjoy your favorite music wirelessly.

4.5 FM/AM Radio

Tune into your favorite FM and AM radio stations. The unit features a high-quality digital stereo FM radio with 18 preset stations and automatic channel search, keeping you updated on real-time road conditions, news, and weather forecasts.



Image: A four-panel collage demonstrating key features. Top-left shows Bluetooth calling and music playback. Top-right displays the FM radio interface tuned to 99.00 MHz. Bottom-left illustrates AUX connection. Bottom-right shows the steering wheel control interface.

4.6 Reversing Camera Display

When the vehicle is shifted into reverse gear, the car stereo's touch screen will automatically display the live feed from the connected backup camera. The 170° horizontal wide-angle lens provides a broad view, enhancing safety during parking and reversing maneuvers.



Image: The car stereo screen showing a clear, wide-angle view from the reversing camera, with parking guidelines overlaid. Icons indicate features such as HD quality, 170° viewing angle, waterproof design, and night vision capability of the camera.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LSLYA RK-680 car stereo, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Avoid Liquids:** Do not spill liquids on the unit. If liquid enters the unit, disconnect power immediately and consult a professional.
- **Temperature Control:** Avoid leaving the unit in direct sunlight or extreme temperatures for extended periods, as this can affect the display and internal components.

6. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Loose power connection; Not 12V DC.	Check all power and ground wires according to the wiring diagram. Verify vehicle voltage is 12V DC. Check the fuse in the vehicle's fuse box and on the stereo's wiring harness. Ensure connections are secure.
No Sound	Speaker wires incorrectly connected; Volume too low; Mute function active.	Check speaker wire connections. Increase volume. Deactivate mute function.

Problem	Possible Cause	Solution
Apple CarPlay/Android Auto Not Connecting	Faulty USB cable; Incorrect USB port used; Phone software issue.	Use a high-quality, original USB cable. Ensure the cable is connected to the correct USB port on the stereo (refer to manual for specific port). Restart your phone and the stereo. Update phone's operating system.
Backup Camera Not Displaying	Camera power issue; Video cable loose; Reverse trigger wire not connected.	Check power supply to the camera. Ensure video cable is securely connected to the 'CAM IN' port. Verify the pink reverse trigger wire is correctly connected to the vehicle's reverse light signal.
Poor Radio Reception	Antenna not connected; Weak signal area; Antenna issue.	Ensure the antenna is properly connected to the stereo. Try tuning to a stronger station. Check the vehicle's antenna for damage.

If the problem persists after attempting these solutions, please contact LSLYA customer support for further assistance.

7. SPECIFICATIONS

Detailed technical specifications for the LSLYA RK-680 Single Din Car Stereo:

Feature	Specification
Model Number	RK-680
Product Dimensions	3.2 x 7.6 x 2.8 inches (3.2"D x 7.6"W x 2.8"H)
Item Weight	1.85 pounds
Brand	LSLYA
Connectivity Technology	Bluetooth, USB
Controller Type	Hand Control, Remote Control, Voice Control (Google Assistant, Siri Assistant)
Special Features	Android Auto, Apple CarPlay, AM Tuner, Hands-Free Calling
Compatible Devices	iPhone, Amplifier, Smartphone, Speaker
Connector Type	USB Type-C, USB
Audio Output Mode	Stereo
Video Encoding Support	RM, RMVB, AVI, MP4, MKV, 3GP
Number of Channels	4
Manufacturer	LSLYA
Country of Origin	China

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the seller directly. LSLYA is committed to providing quality products and service. Your satisfaction is important to us.

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Related Documents - RK-680

	<p>Junsun RK Series User Manual - Android System</p> <p>Comprehensive user manual for the Junsun RK Series Android system, covering features like home screen, navigation, music, video, Bluetooth, phone connectivity, settings, and more.</p>
	<p>F12 Car Radio Installation Guide for BMW 6 Series (F06, F12, F13) by SWEEXO</p> <p>Step-by-step installation instructions for the SWEEXO F12 10.25-inch Android 13 Car Radio Head Unit with Wireless Carplay for BMW 6 Series (F06, F12, F13).</p>
	<p>SWEEXO Multimedia System Installation Guide for Mercedes-Benz GLA, A-Class, CLA</p> <p>Detailed step-by-step instructions for installing the SWEEXO Android multimedia system in Mercedes-Benz GLA (X156), A-Class (C117), and CLA models. Includes visual descriptions of each stage.</p>
	<p>Parker Racor 120A and 120B Series Fuel Filter/Water Separators</p> <p>Detailed information on Parker Racor 120A and 120B Series Fuel Filter/Water Separators, including specifications, installation, maintenance, troubleshooting, replacement parts, and accessories. Features include 99% water removal, Aquabloc media, and various flow rates.</p>
	<p>SWEEXO BMW F10/F11 Car Multimedia System Installation Guide</p> <p>Step-by-step installation guide for the SWEEXO BMW F10/F11 car multimedia system, detailing the process of replacing the original CD machine and display screen with an Android 13 unit featuring Qualcomm Snapdragon 680, CarPlay, GPS, and Bluetooth 5.1.</p>



[BMW E70/E71 Wireless Carplay Installation Guide](#)

Step-by-step guide for installing a wireless Carplay system in BMW X5 E70 and X6 E71 models, detailing removal of original parts and connection of new components.