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› [Roadstar](#) /

› [Roadstar RS-815BR Android Multimedia System User Manual](#)

## Roadstar RS815BR

# Roadstar RS-815BR Android Multimedia System User Manual

Model: RS815BR

## INTRODUCTION

The Roadstar RS-815BR is an advanced 7-inch Android multimedia system designed for automotive use. It features a full touch IPS capacitive screen, offering an intuitive and user-friendly interface. This system integrates modern connectivity options such as Bluetooth, Wi-Fi, and GPS, along with support for Apple CarPlay and Android Auto, enhancing your in-car entertainment and navigation experience. This manual provides essential information for the proper installation, operation, and maintenance of your RS-815BR unit.



Image: Front view of the Roadstar RS-815BR multimedia system, showing the 7-inch display with a navigation map and side control

buttons.

## SETUP AND INSTALLATION

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Proper installation is crucial for the optimal performance of your multimedia system. It is recommended that installation be performed by a qualified professional.

### Package Contents

- 1x Roadstar RS-815BR Android Multimedia System
- 1x GPS Antenna
- 1x External Microphone
- Necessary wiring harnesses

### Physical Installation

The RS-815BR is designed for dashboard mounting. Ensure adequate space and secure fastening to prevent vibration and damage. Refer to your vehicle's specific dashboard configuration for best mounting practices.



Image: Side profile of the multimedia unit, showing its slim design and mounting points.



Image: Top view of the multimedia unit, highlighting its compact form factor.

### Wiring and Connections

Connect the provided wiring harnesses to the corresponding ports on the rear of the unit and to your vehicle's electrical system. Pay close attention to power, ground, speaker, and accessory connections.

- **Power Input:** DC 12V (standard automotive).

- **Rear Inputs:**

- 2x Video Auxiliary (for external video sources)
- 2x RCA (Audio)
- 1x Rear Camera Input (for backup camera)
- 2x USB ports (USB and USB-C)
- External Microphone Input (for hands-free calling)

- **Outputs:**

- 2x RCA (Audio)
- 2x RCA (Video)

- **Antenna Connections:** FM Radio antenna and GPS antenna.

- **Steering Wheel Control:** The unit supports steering wheel controls. An additional interface may be required for certain car models.

- **Speaker Outputs:** 4 Channels of 50 Watts RMS. Connect to your vehicle's speakers.



Image: Rear view of the multimedia system, displaying various input and output ports for power, audio, video, USB, and antennas.

## OPERATING INSTRUCTIONS

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The RS-815BR operates on an Android system, providing a versatile and customizable user experience.

### Basic Operation

- **Power On/Off:** Press and hold the power button on the side panel.
- **Touch Screen:** The 7-inch Full Touch IPS Capacitive screen responds to touch gestures for navigation and selection.
- **Side Buttons:** Dedicated physical buttons on the left side provide quick access to functions like Reset, Power On/Off, Home, Back, Volume Up, and Volume Down.



Image: Front view of the multimedia system with labels pointing to the functions of the side buttons: Reset, On/Off, Home, Back, Volume +, and Volume -.

## Key Features

- **Android System:** Allows installation of various Android applications.
- **Radio:** Access FM radio with memory for up to 18 stations.
- **Bluetooth:** Connect your smartphone for hands-free calling and audio streaming.
- **Wi-Fi:** Connect to a Wi-Fi hotspot for online features, including navigation map updates and app downloads.
- **GPS Navigation:** Integrated GPS with support for both online (via Wi-Fi) and offline navigation (downloadable maps).



Image: The multimedia system's screen displaying the Google Maps application, indicating its navigation capabilities.

- **Smartphone Mirroring:** Mirror your Android (version 5 and above) or iOS device screen directly to the RS-815BR via Wi-Fi.
- **Apple CarPlay & Android Auto:** Enjoy seamless integration of your smartphone's features, including navigation, music, and messaging, through a simplified interface via Bluetooth.
- **Google Play Store:** Download and install your favorite applications directly onto the unit.

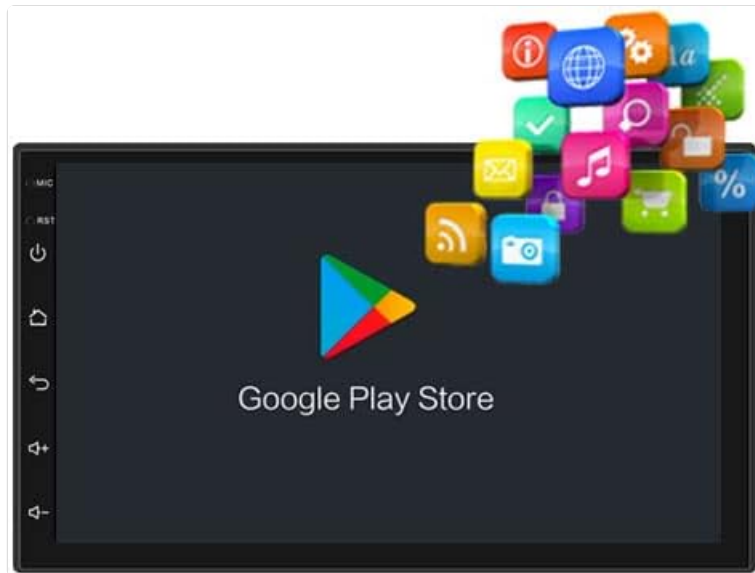


Image: The multimedia system's screen featuring the Google Play Store icon, indicating access to a wide range of applications.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RS-815BR multimedia system.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen-specific cleaning solution. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Wipe the unit's exterior with a dry or slightly damp cloth. Ensure no liquids enter the ports or openings.
- **Software Updates:** Periodically check for system software updates to ensure compatibility and access to the latest features and bug fixes. Updates can typically be performed via Wi-Fi.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold, as this can affect its electronic components.

## TROUBLESHOOTING

If you encounter issues with your RS-815BR, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power connection, blown fuse, vehicle battery issue.	Check power wiring and fuse. Ensure vehicle battery is charged. Consult an installer if necessary.
System freezes or is very slow.	Too many applications running, low memory, software glitch.	Close unnecessary applications. Perform a system restart (use the reset button if available). Check for and install software updates.
Touch screen response is slow or inaccurate.	Software issue, screen calibration needed, physical damage.	Restart the unit. Check for software updates. If the issue persists, contact support.
No sound from speakers.	Incorrect speaker wiring, volume too low, mute activated.	Check speaker connections. Increase volume. Ensure unit is not muted.

Problem	Possible Cause	Solution
GPS not acquiring signal or inaccurate.	GPS antenna not properly connected or obstructed, outdated maps.	Ensure GPS antenna is securely connected and has a clear view of the sky. Update navigation maps.
Bluetooth connection issues.	Device not in pairing mode, interference, unit's Bluetooth off.	Ensure Bluetooth is enabled on both devices. Put your phone in pairing mode. Delete previous pairings and re-pair.

If the problem persists after attempting these solutions, please contact Roadstar customer support or your authorized dealer.

## SPECIFICATIONS

Feature	Detail
Brand	Roadstar
Model	RS815BR
System	Android
Processor	Quad Core 1.3 Ghz
Memory (RAM)	2 GB
Storage (FLASH)	32 GB
Panel	Fixed with touch buttons and RGB illumination
Screen	7" Full Touch IPS Capacitive
Radio	FM with memory for 18 stations
Connectivity	Bluetooth, WiFi, GPS (Antenna included)
Rear Inputs	2x Video Aux, 2x RCA (Audio), 1x Rear Camera, 2x USB (USB and USB-C), External Microphone
Outputs	2x RCA (Audio), 2x RCA (Video)
Steering Wheel Control	Yes (may require interface for some car models)
Power Output	4 Channels of 50 Watts RMS
Dimensions (Product)	25 x 15 x 11 cm
Weight (Product)	870 g

## WARRANTY AND SUPPORT

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Your Roadstar RS-815BR multimedia system comes with a manufacturer's warranty.

- **Warranty Period:** 1 year with the manufacturer.
- **Warranty Claims:** For warranty service, please retain your proof of purchase and contact the manufacturer or your authorized dealer.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Roadstar customer support. Refer to the official Roadstar website or product packaging for contact information.

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