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KICKER 45L7R122

Kicker 45L7R122 12-inch L7R Car Subwoofer and Rockville RQB12 Enclosure Instruction Manual

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Kicker 45L7R122 12-inch L7R Solo-Baric Car Subwoofer and the accompanying Rockville RQB12 Single 12-inch Side Ported Sub Box Enclosure. Please read this manual thoroughly before attempting installation or operation to ensure optimal performance and safety.

SAFETY INFORMATION

- Always disconnect the vehicle's battery negative terminal before beginning any electrical work.
- Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- Use appropriate gauge wiring for power, ground, and speaker connections as specified by your amplifier and subwoofer requirements.
- Mount the subwoofer and enclosure securely to prevent movement during vehicle operation, which could cause injury or damage.
- Avoid exposing the subwoofer to excessive moisture or extreme temperatures.
- Consult a professional car audio installer if you are unsure about any part of the installation process.

PACKAGE CONTENTS

Verify that all items are present in your package:

- One (1) Kicker 45L7R122 12-inch L7R Solo-Baric Car Subwoofer
- One (1) Rockville RQB12 Single 12-inch Side Ported Sub Box Enclosure
- Ten (10) Drywall Wood Screws (for mounting subwoofer to enclosure)
- Twelve (12) Feet of 14 AWG Blue Speaker Wire
- Two (2) Spade Terminals
- Owner's Manual (this document)
- Kicker Stickers (promotional items)



Image: Kicker 45L7R122 12-inch L7R Solo-Baric Car Subwoofer, Rockville RQB12 Single 12-inch Side Ported Sub Box Enclosure, speaker wire, and mounting screws.

SETUP AND INSTALLATION

1. Subwoofer Mounting

1. Carefully place the Kicker 45L7R122 subwoofer into the opening of the Rockville RQB12 enclosure. Ensure the subwoofer is centered and flush with the enclosure's surface.
2. Align the mounting holes of the subwoofer with the pre-drilled holes on the enclosure.
3. Using the provided drywall wood screws, secure the subwoofer to the enclosure. Tighten screws evenly in a cross pattern to ensure a tight, airtight seal. Do not overtighten.



Image: Front view of the Kicker 45L7R122 12-inch L7R Solo-Baric Car Subwoofer, showing the square cone and surround.



Image: Angled view of the Kicker 45L7R122 subwoofer, highlighting its square design and robust frame.



Image: Side profile of the Kicker 45L7R122 subwoofer, showing its mounting depth and overall structure.

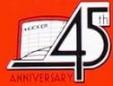
2. Enclosure Placement

The Rockville RQB12 is a single 12-inch side ported enclosure designed for optimal bass response. Choose a secure location in your vehicle, typically the trunk or cargo area, where the enclosure will not shift during driving. Ensure the port is not obstructed.



Image: Front view of the Rockville RQB12 single 12-inch side ported subwoofer enclosure.

KICKER®



600W RMS
L7R12®

GENUINE KICKER QUALITY . CALIDAD GENUINA DE KICKER . LA VÉRITABLE QUALITÉ KICKER . AUTHENTISCHE KICKER-QUALITÄT

12"
[30cm]

SOLO-BARIC® SUBWOOFER
ALTAVOZ PARA SONIDOS GRAVES
HAUT-PARLEUR D'EXTRÉMES GRAVES
TIFTÖNER

Image: Angled view of the Rockville RQB12 enclosure, showing the side port and textured finish.

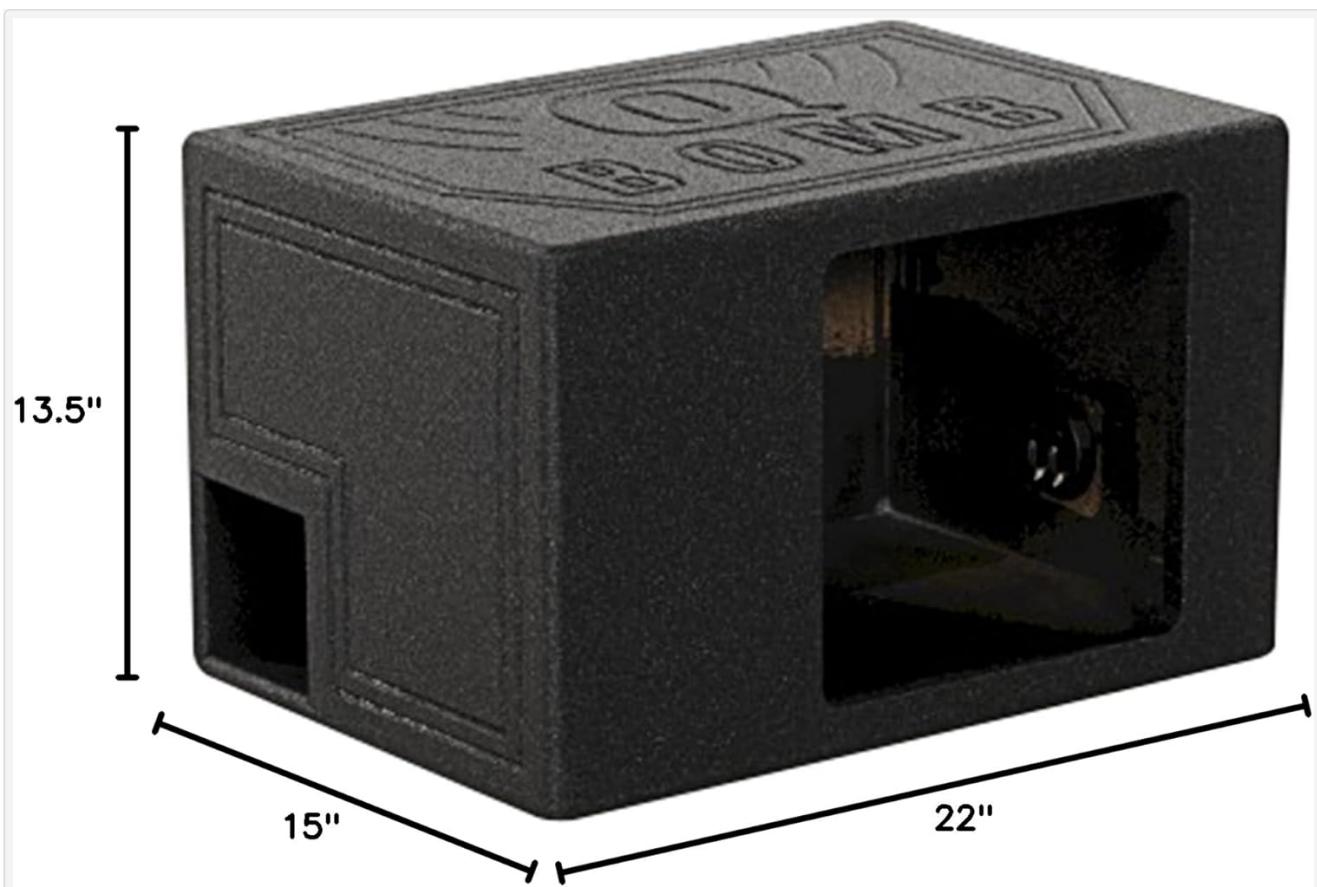


Image: Rockville RQB12 enclosure with dimensions labeled: 13.5 inches (height), 22 inches (width), 15 inches (depth).

3. Wiring Connections

The Kicker 45L7R122 subwoofer features a Dual Voice Coil (DVC) 2-ohm configuration. This allows for various wiring options to achieve different impedance loads at your amplifier. The most common configurations are:

- **1-ohm Load:** Wire the two 2-ohm voice coils in parallel. Connect the positive terminal of coil 1 to the positive terminal of coil 2, and the negative terminal of coil 1 to the negative terminal of coil 2. Then connect the amplifier's positive output to the combined positive terminals and the amplifier's negative output to the combined negative terminals.
- **4-ohm Load:** Wire the two 2-ohm voice coils in series. Connect the positive terminal of coil 1 to the negative terminal of coil 2. Then connect the amplifier's positive output to the remaining positive terminal (coil 2) and the amplifier's negative output to the remaining negative terminal (coil 1).

Use the provided 14 AWG speaker wire and spade terminals to make secure connections. Ensure polarity is correct (+ to + and - to -) between the subwoofer and your amplifier. Refer to your amplifier's manual for specific wiring instructions and impedance compatibility.



Image: Rear view of the Kicker 45L7R122 subwoofer, showing the dual voice coil terminals for wiring connections.

OPERATING INSTRUCTIONS

1. After completing all wiring and mounting, reconnect the vehicle's battery.
2. Turn on your car audio system.
3. Start with the amplifier's gain control at its minimum setting.
4. Play a familiar piece of music with strong bass content.
5. Slowly increase the amplifier's gain until you hear distortion, then back off slightly. This sets the maximum clean output level.
6. Adjust bass boost, crossover frequencies, and phase settings on your amplifier or head unit to blend the subwoofer output seamlessly with your main speakers.

MAINTENANCE

- Regularly inspect all wiring connections for tightness and corrosion.
- Keep the subwoofer cone and surround free from dust and debris. Use a soft, dry cloth for cleaning.
- Ensure the enclosure is free from damage and that the subwoofer remains securely mounted.

- Avoid placing heavy objects on the subwoofer or enclosure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from subwoofer	No power to amplifier; loose wiring; incorrect input signal; amplifier in protect mode.	Check amplifier power, ground, and remote turn-on connections. Verify RCA signal cables. Check speaker wire connections. Consult amplifier manual for protect mode indicators.
Distorted sound	Amplifier gain set too high; incorrect crossover settings; damaged subwoofer.	Reduce amplifier gain. Adjust crossover frequency. Inspect subwoofer cone and surround for damage.
Weak or muddy bass	Incorrect phase setting; insufficient amplifier power; enclosure leak.	Toggle phase switch on amplifier/head unit. Ensure amplifier power matches subwoofer RMS. Check enclosure for air leaks.
Subwoofer cuts out	Overheating amplifier; short circuit in wiring; low voltage.	Ensure proper ventilation for amplifier. Inspect all wiring for shorts. Check vehicle's charging system.

SPECIFICATIONS

Kicker 45L7R122 12-inch L7R Subwoofer

- **Model Name:** 45L7R122
- **Speaker Type:** Subwoofer
- **Subwoofer Diameter:** 12 Inches
- **RMS Power Handling:** 600 Watts
- **Peak Power Handling:** 1200 Watts
- **Frequency Response:** 35 Hz - 21 kHz (Subwoofer only, system response may vary)
- **Impedance:** Dual Two-Ohm Voice Coil (DVC 2-Ohm)
- **Sensitivity:** 86.7 dB
- **Mounting Depth:** 6.88 inches
- **Mounting Diameter:** 11.06 inches
- **Recommended Sealed Box Volume:** 0.88 - 2.0 cubic feet
- **Recommended Vented Box Volume:** 1.75 - 3.25 cubic feet
- **Features:** Wrap Around Gasketing, Patented Ribbed Corners, Injection-Molded SoloKon Woofer, 360-Degree Back Bracing, UniPlate Back Plate And Pole Piece, Bumped Back Plate, Thick Tinsel Leads, Large Ceramic Magnet, Steel Basket With Spoke Design, Nickel Plated Speaker Terminals.

Rockville RQB12 Single 12-inch Side Ported Enclosure

- **Type:** Single 12-inch Side Ported Enclosure
- **Material:** 3/4" MDF
- **Finish:** Durable Bed Liner

- **Terminals:** High Quality Spring Loaded Terminals
- **Air Space:** 1.8 Cubic Feet
- **Tuning Frequency:** 43 Hz
- **Product Dimensions (H x W x D):** 13.5" x 22" x 15" inches

WARRANTY AND SUPPORT

For warranty information and technical support regarding the Kicker 45L7R122 subwoofer, please refer to the official Kicker website or contact Kicker customer service directly. For the Rockville RQB12 enclosure, please contact Rockville support. Keep your purchase receipt as proof of purchase for any warranty claims. You can visit the KICKER Store for more information:[KICKER Official Store](#)

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Related Documents - 45L7R122

Preview	<p>KICKER Solo-Baric L5 Subwoofer Enclosure Owner's Manual</p> <p>This manual provides detailed information on the KICKER Solo-Baric L5 Subwoofer Enclosure, including features, specifications, installation instructions, and warranty details. Learn how to optimize performance and ensure proper installation for your vehicle.</p>
	<p>KICKER PTRTP Powered Subwoofer Enclosure Owner's Manual</p> <p>This owner's manual for the KICKER PTRTP (PTRTP10, PTRTP12) powered subwoofer enclosure details installation, wiring, operation, and troubleshooting. Learn about its thin-profile, down-firing design, integrated KICKER amplifier, and passive radiator technology for powerful bass.</p>
	<p>KICKER 2003 Car Stereo Systems Catalog</p> <p>Explore the 2003 KICKER Car Stereo Systems catalog, featuring innovative subwoofers, amplifiers, mids & tweets, marine audio, and signal processors designed for 'Livin' Loud' performance. Find global distributors and detailed product specifications.</p>
	<p>KICKER HS10 Hideaway Powered Subwoofer Enclosure Owner's Manual</p> <p>This manual provides instructions for installing and operating the KICKER HS10 Hideaway Powered Subwoofer Enclosure. It includes specifications, wiring diagrams, troubleshooting tips, and warranty information.</p>



[KICKER HS8 Hideaway Powered Subwoofer Enclosure Owner's Manual](#)

This manual provides detailed instructions for the installation, wiring, operation, and troubleshooting of the KICKER HS8 Hideaway powered subwoofer enclosure. It includes specifications, control descriptions, and warranty information.



[Kicker HS10 Hideaway Powered Subwoofer Enclosure Owner's Manual](#)

Owner's manual for the Kicker HS10 Hideaway powered subwoofer enclosure, detailing specifications, installation, wiring, troubleshooting, and warranty information.