Alpine R2-SB12V 12" Halo R-Series Ported Enclosure



Brand: Alpine Car Audio
Product Code: R2-SB12V
Stock: 4
UPC: 793276085009
MPN: R2-SB12V
Location: Cleveland, Ohio

Price: $749.95

Short Description

The Alpine R2-SB12V combines a next-generation 12" R-Series subwoofer with Alpine's premium Halo vented enclosure and expandable ProLink™ design. Rated at 750 watts RMS with a 2-ohm final load and deep bass extension down to 24Hz, it delivers powerful, accurate R-Series bass with a custom-quality appearance.

Description

Experience deep, authoritative R-Series bass with the Alpine R2-SB12V 12" Alpine Halo Preloaded Subwoofer Enclosure. Featuring Alpine's next-generation R2-W12D4 R-Series subwoofer, premium Halo styling, and expandable ProLink™ technology, this high-performance vented enclosure delivers powerful low-frequency output without requiring a custom-built subwoofer box.

Rated at an impressive 750 watts RMS and 2,250 watts peak, the R2-SB12V combines a Kevlar-reinforced pulp cone, large double-stacked magnets, Alpine's H.A.M.R. surround technology, and an optimized ported enclosure to produce deep, controlled bass with excellent accuracy at high output levels.

Alpine R2-SB12V 12" R-Series Halo Subwoofer Enclosure

$749.95

Professional amplifier and subwoofer installation is available at Access 1 Alarm & Audio.

Features

- Next-generation Alpine R-Series performance
- Preloaded Alpine R2-W12D4 12" R-Series subwoofer
- Groundbreaking Alpine Halo enclosure design
- ProLink™ ported enclosure technology
- 750 watts RMS power handling
- 2,250 watts peak power handling
- Dual 4-ohm voice coils wired in parallel for a 2-ohm load
- Kevlar-reinforced pulp cone
- Polypropylene / ceramic composite dust cap
- Large double-stacked magnets
- Integrated Faraday ring for reduced distortion
- High-Amplitude Multi-Roll H.A.M.R. surround
- 20mm X-Max cone excursion
- Optimized vent with rounded internal port edges
- CARB-compliant 3/4" MDF enclosure construction
- Premium black carpet finish
- Brushed aluminum-finished metallic front baffle
- Silver Alpine embossed side logo badge
- Threaded subwoofer mounting inserts for reversible orientation
- 12-gauge OFC internal speaker wiring
- CTA-2031 compliant
- Optimized for Alpine R-A75M mono amplifier



Premium Alpine Halo Design

The R2-SB12V shares the unmistakable styling of Alpine's Halo product family. Curved enclosure edges, silver accent trim, a brushed metallic front baffle, and premium black

carpeting give the enclosure the appearance of a professionally fabricated custom system without requiring custom enclosure construction.

The cabinet is built from sturdy 3/4" MDF to provide the rigid foundation required for serious low-frequency performance. Alpine also incorporates threaded mounting inserts that allow the subwoofer orientation to be reversed for additional installation flexibility.

Double Your Bass with ProLink™

Alpine's innovative ProLink™ technology lets you start with a single R2-SB12V enclosure and expand the system later. Using the optional ProLink™ Linking Kit, a second compatible Alpine Halo enclosure can be mechanically connected to create a clean, integrated dual-subwoofer system.

This gives you the flexibility to build your system in stages. Start with one high-performance 12" R-Series enclosure today and add a second later when you want even greater bass output and impact.



Deeper, More Authoritative Bass

The R2-SB12V comes preloaded with Alpine's next-generation R2-W12D4 12" R-Series subwoofer. Large double-stacked magnets provide increased motor force for deeper bass and tighter control over cone movement compared with the previous generation.

An integrated Faraday ring helps reduce distortion, while the Kevlar-reinforced pulp cone provides the strength and rigidity required for dependable operation at high output levels. The larger 12" cone also moves more air than the 10" version, delivering greater low-frequency impact and deeper bass extension.

Polypropylene / Ceramic Composite Dust Cap

The R2-Series subwoofer uses a polypropylene and ceramic composite dust cap engineered for excellent rigidity and internal damping. Its ability to absorb unwanted vibration helps smooth the bass response while its high heat resistance contributes to dependable performance during extended listening sessions.

H.A.M.R. Surround for Increased Accuracy

Alpine's High-Amplitude Multi-Roll H.A.M.R. surround technology allows the subwoofer cone to move through an impressive 20mm X-Max while maintaining control. Greater cone excursion allows the R2-W12D4 to move substantial amounts of air, contributing to increased output while maintaining accuracy and reliability.

Optimized Ported Performance

The R2-SB12V's vented enclosure uses an optimized port with rounded internal edges to improve airflow and maximize subwoofer performance. Proper enclosure volume and port design work together with the R2-W12D4 to deliver deeper, cleaner, and more consistent bass than simply installing the same subwoofer into a generic enclosure.

Alpine also uses 12-gauge oxygen-free copper internal speaker wiring, and the enclosure is configured specifically for high-performance mono amplifiers such as the Alpine R-A75M.

Why You'll Love It

- **750 watts RMS:** Serious power handling for high-output R-Series bass.
- **12-inch cone area:** Moves more air for deeper bass and stronger physical impact.
- **2-ohm final load:** Optimized for powerful mono-amplifier operation.
- **Premium Halo styling:** Custom-looking curved cabinet, metallic baffle, silver trim, and Alpine branding.
- **Expandable with ProLink™:** Add a second enclosure later for an integrated dual-subwoofer system.
- **20mm X-Max:** Impressive cone movement helps produce strong low-frequency output.
- **R-Series construction:** Kevlar-reinforced cone, large motor structure, Faraday ring, and H.A.M.R. surround.
- **Designed as a complete system:** Subwoofer, enclosure, vent, and internal wiring are optimized to work together.

Technical Specifications

Model	Alpine R2-SB12V
Series	Next-Generation R-Series Alpine Halo
Included Subwoofer	Alpine R2-W12D4
Subwoofer Size	12"
Enclosure Type	Vented / Ported Alpine Halo Enclosure
RMS Power Handling	750 Watts RMS
Peak Power Handling	2,250 Watts Peak
Voice Coil Configuration	Dual 4-Ohm Voice Coils
Final Impedance	2 Ohms, Wired in Parallel
Frequency Response	24 Hz – 200 Hz
Sensitivity	85 dB (1W/1m)
Voice Coil Diameter	65.5mm
X-Max	20mm
Magnet Weight	144 oz.
Cone Material	Kevlar-Reinforced Pulp
Dust Cap	Polypropylene / Ceramic Composite
Surround	High-Amplitude Multi-Roll H.A.M.R.
Enclosure Construction	CARB-Compliant 3/4" MDF
Internal Wiring	12-Gauge OFC Speaker Wire
Dimensions	17" W × 14.625" H × 15" D
Recommended Amplifier	Alpine R-A75M Mono Amplifier
ProLink™ Compatible	Yes — Linking Kit Sold Separately
CTA-2031 Compliant	Yes
Built-In Amplifier	No — External Amplifier Required

What's Included

- Alpine R2-SB12V vented Alpine Halo enclosure
- Preinstalled Alpine R2-W12D4 12" R-Series subwoofer
- Premium enclosure terminal connection
- 12-gauge OFC internal speaker wiring
- Warranty information
- Online product registration information

External Amplifier Required

The Alpine R2-SB12V is a passive loaded subwoofer enclosure and does not include a built-in amplifier. A compatible mono amplifier, properly sized amplifier wiring kit, circuit protection, audio-signal connection, mounting hardware, and installation are required for operation.

With its dual 4-ohm voice coils wired internally for a 2-ohm final load and 750-watt RMS rating, the R2-SB12V pairs exceptionally well with Alpine's R-A75M mono amplifier.

Professional Installation Recommended

A high-performance 750-watt RMS subwoofer system requires properly sized power and ground wiring, appropriate circuit protection, a clean audio signal, secure enclosure mounting, and accurate amplifier tuning.

Correct gain, crossover, subsonic-filter, and bass-control settings are especially important with a high-output R-Series system. Professional installation helps ensure maximum performance while protecting the subwoofer, amplifier, and vehicle electrical system.

The Access 1 Advantage

Purchase your Alpine R2-SB12V from Access 1 Alarm & Audio, Cleveland, Ohio's premier mobile electronics shop. We have served Cleveland and Northeast Ohio for over 20 years with professional car audio installation, factory-radio integration, security systems, remote starters, and mobile electronics upgrades.

- Genuine Alpine products
- Professional installation available
- MECP-certified technicians
- Factory and aftermarket radio integration
- Proper amplifier matching and system tuning
- ProLink™ system expansion assistance
- Local product and installation support

Amplifier, ProLink™ Linking Kit, wiring, integration components, installation materials, and labor are additional unless specifically included with your purchase.

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Specification

Loaded Enclosure Specs	
Brand	Alpine
Woofer Size	12"
Woofer Quantity	1
Woofer Material	Kevlar Reinforced Pulp

Enclosure Type	Ported
Enclosure Color	Black With Silver Highlights
Enclosure Width	17"
Enclosure Height	15"
Enclosure Depth	15"
Power Handling RMS	750W / 2250W MAX
Frequency Response	24Hz-200Hz
Final Impedance	2 ohm
System Type	Single 12" Loaded Ported Enclosure
Powered	No

Product Gallery

