Alpine W-SB12V 12-Inch Vented Wedge Subwoofer Enclosure



Brand: Alpine Car Audio
Product Code: W-SB12V
Stock: 3
UPC: 793276003270
MPN: Alpine W-SB12V
Location: Cleveland, OH

Price: $249.95

Short Description

The Alpine W-SB12V combines a preloaded 12" Bass Series subwoofer with a high-output, precision-tuned vented wedge enclosure. Rated at 250 watts RMS with a 4-ohm impedance, it delivers deep, aggressive bass while fitting neatly against many rear vehicle seats.

Description

Bring powerful, aggressive bass to your vehicle with the Alpine W-SB12V 12" Bass Series Wedg-E Vented Subwoofer Enclosure. This high-output enclosure comes preloaded with an Alpine W12S4 subwoofer and is engineered to deliver deeper bass extension and stronger low-frequency impact than many traditional compact subwoofer boxes.

Rated for 250 watts RMS and 750 watts peak, the W-SB12V provides dependable Alpine performance for cars, trucks, and SUVs. Its 4-ohm impedance works with a wide selection of mono amplifiers, while the wedge-shaped enclosure helps maximize cargo space and fit naturally against many rear seatbacks.

Alpine W-SB12V 12" Vented Subwoofer Enclosure

$249.95

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

Features

- Preloaded Alpine W12S4 12" Bass Series subwoofer
- High-output vented Wedg-E enclosure design
- 250 watts RMS power handling
- 750 watts peak power handling
- Single 4-ohm voice coil
- Polypropylene-mica subwoofer cone
- Durable poly-foam surround
- Precision-tuned port for efficient airflow
- Wedge-shaped cabinet for flexible vehicle placement
- Durable MDF enclosure construction
- Premium black carpet finish
- Signature embroidered Alpine logo
- Compatible with the Alpine KTE-12PG protective grille
- Recommended for use with the Alpine S2-A60M mono amplifier



Bass That Hits Hard

The Alpine W-SB12V combines a proven 12" Bass Series subwoofer with a high-output vented enclosure designed to deliver deep, aggressive bass. Its optimized design allows the system to produce strong low-frequency output while maintaining controlled performance at higher listening levels.

The larger 12" subwoofer moves more air than a comparable 10" model, making the W-SB12V an excellent choice for customers who want greater impact, stronger low-end extension, and a more physical bass experience.

Optimized Wedge Enclosure Design

The wedge shape is designed to align naturally with the angle of many rear vehicle seats. This allows the enclosure to use cargo space efficiently while directing powerful bass into the passenger compartment.

The angled cabinet also helps reduce internal sound-wave interference, contributing to tighter and more controlled low-frequency output. Its black carpet finish and embroidered Alpine logo give the enclosure a clean, professional appearance.





Precision-Tuned Vented Enclosure

The W-SB12V features a precision-tuned vented design with a curved port engineered to improve airflow and enclosure efficiency. This design helps produce deeper bass extension and greater output than many similarly sized sealed enclosures.

Optimized internal volume and port tuning allow the included subwoofer to perform consistently under pressure, giving the system the authority needed for bass-heavy music without requiring a custom-built enclosure.

Durable Bass Series Construction

The included Alpine W12S4 subwoofer uses a lightweight polypropylene-mica cone designed to remain rigid during demanding bass passages. This helps reduce unwanted cone flex and supports cleaner, more controlled low-frequency reproduction.

A durable poly-foam surround allows the cone to move freely while maintaining stability. The subwoofer's single 4-ohm voice coil makes amplifier selection straightforward and compatible with many popular mono amplifiers.



Why You'll Love It

- **Powerful 12-inch bass:** Moves more air for stronger impact and deeper low-frequency performance.
- **High-output vented enclosure:** Produces greater output and efficiency than many compact sealed boxes.
- **Ready to install:** Includes a genuine Alpine W12S4 Bass Series subwoofer.
- **Flexible placement:** The wedge shape works well against many rear seats and cargo-area panels.
- **Easy amplifier matching:** The single 4-ohm voice coil is compatible with many mono amplifiers.
- **Durable construction:** Built from MDF and finished in premium black carpet.
- **Optional protection:** Compatible with the Alpine KTE-12PG protective grille.

A Complete Bass Foundation

The Alpine W-SB12V gives you the convenience and predictable performance of a factory-engineered loaded enclosure while still allowing you to choose the amplifier that best fits your vehicle and listening preferences.

Unlike a powered subwoofer, the W-SB12V does not contain a built-in amplifier. It requires a compatible external amplifier, properly sized wiring, audio-signal integration, and professional tuning for best performance.

Technical Specifications

Model	Alpine W-SB12V
Included Subwoofer	Alpine W12S4 Bass Series

Subwoofer Size	12"
Enclosure Type	Vented / ported wedge enclosure
RMS Power Handling	250 watts RMS
Peak Power Handling	750 watts peak
Voice Coil	Single 4-ohm voice coil
Final Impedance	4 ohms
Frequency Response	22 Hz–200 Hz
Sensitivity	88 dB
Cone Material	Polypropylene-mica
Surround Material	Poly-foam
Enclosure Construction	MDF with premium black carpet finish
Enclosure Dimensions	17.5" W × 20.5" D × 17.5" H
Enclosure Weight	44 pounds
Approximate Enclosure Volume	44 liters
Protective Grille Compatibility	Alpine KTE-12PG, sold separately
Recommended Amplifier	Alpine S2-A60M mono amplifier
Built-In Amplifier	No — external amplifier required

What's Included

- Alpine W-SB12V vented Wedg-E enclosure
- Preinstalled Alpine W12S4 12" Bass Series subwoofer
- Built-in speaker connection terminals
- Installation and product documentation

External Amplifier Required

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

Alpine recommends pairing the enclosure with the S2-A60M mono amplifier. Final amplifier selection should consider the vehicle, factory or aftermarket radio, desired output level, available electrical capacity, and any future system upgrades.

Protect Your Subwoofer

The W-SB12V is compatible with the Alpine KTE-12PG protective grille, sold separately. Adding the grille is recommended for vehicles where cargo, tools, groceries, sports equipment, or other objects may come into contact with the subwoofer cone.

Professional Installation Recommended

Professional installation helps ensure the amplifier receives properly sized power and ground wiring, appropriate circuit protection, a clean audio signal, secure enclosure mounting, and correct system tuning.

Incorrect gain, crossover, subsonic-filter, or bass-boost settings can cause distortion and potentially damage the subwoofer. Our technicians can install and tune the system for strong, clean, and dependable bass performance.

The Access 1 Advantage

Purchase your Alpine W-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
- Local product and installation support

Amplifier, protective grille, wiring, integration components, installation materials, and labor are additional unless specifically included with your purchase.

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Specification

Subwoofers	
Subwoofer Brand	Alpine
Subwoofer Size	12"
Power Handling RMS/MAX	250/750
Number of Voicecoils	Single
Final Subwoofer Impedance	4 Ohm
Subwoofer Cone Material	PolyProplyne
Subwoofer Basket Material	Stamped Steel

Subwoofer Surround Material	Rubber

Product Gallery





