Series II Enclosures

High-performance subwoofer enclosures

JBL's Series II loaded enclosures deliver the enhanced efficiency and higher output of a vented enclosure, without the distracting noise or "chuffing" generated by a port thanks to our patented Slipstream Port. The Slipstream design is mathematically engineered to keep airflow within the port turbulence free, and avoids common noisy, inarticulate bass when driven hard. Additionally, our patented Selectable Smart Impedance Technology provides the two most desirable impedances (2 and 4 ohms) at the flip of a switch, allowing these enclosures to be optimized for nearly every system design and amplifier. Finally the high-performance, low distortion woofers used in these enclosures will reproduce the deepest bass note with the impressive authority that's made JBL synonymous with professional sound for almost 70 years.

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Additional Features

Polypropylene Woofer Cone

We have molded a proprietary cone to ensure that there is minimal cone flex at the woofers excursion limits which keeps distortion low and output tight and deep.

Progressive Spiders

JBL uses progressive spiders the Series II subwoofers to provide the best possible control at the excursion limits versus much more commonly used linear spiders. The benefit is a far more controlled woofer stroke with far tighter bass characteristics.

Stitched-In Tinsel Leads

We have stitched the tinsel leads right into spider to ensure long woofer life and minimize the chance of lead breakage. This feature is all about JBL building products that last.

Vented Frames

We have vented the frame on the Series II subwoofers to keep the motor cool which gives you more power handling and a woofer that last.

JBL Life Testing Is Serious Business

To ensure that our speakers stand the test of time, we utilize the same rigorous quality control and testing standards we employ on the products we manufacture for professional and OEM applications. This includes vibration testing that generates almost 1.9G's with a varying frequency from 5Hz – 1kHz, Lifecycle testing which pushes each product to its limits with 500 hours in an environmental testing chamber. Here we freeze, bake and give every product a sunburn with 150 hours of ultraviolet light. We also drive each subwoofer for 100 hours at rated RMS/Peak power using specific frequencies and music. Our competitors simply do not have the tools or expertise to do this.

Technical Specifications

S2-1024SS

Description: 10" (250mm) car audio subwoofer with SSI

Power Handling: 250W RMS, 1000W peak

Sensitivity (@ 2.83V): 92dB

Frequency Response: 30Hz – 175Hz

Voice Coil Diameter: 2" (50mm)

Impedance: 2 or 4 ohms

Dimensions:

Length: 22-1/2" (570mm)

Width: 12-7/16" (315mm)

Height: 15-3/16" (385mm)

S2-1224SS

Description: 12" (300mm) car audio subwoofer with SSi

Power Handling: 275W RMS, 1100W peak

Sensitivity (@ 2.83V): 93dB

Frequency Response: 25Hz – 175Hz

Voice Coil Diameter: 2" (50mm)

Impedance: 2 or 4 ohms

Dimensions:

Length: 23-5/8" (600mm)

Width: 13" (330mm)

Height: 16-3/8" (415mm)

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