

POWER

Series®

For more than 60 years, JBL has been delivering products embodying the technology developed in the professional arena – equipping leading recording studios and movie theaters, as well as live-music reinforcement in venues ranging from dance clubs to Woodstock. We continue to transform this expertise into products that provide the impact and excitement of a live performance. The JBL® experience is for enthusiasts who won't settle for anything less than "live" at home or on the go.

The JBL Power Series® subs and PB1220 enclosure have been engineered to put you in the front row at your favorite concert, whenever and wherever you happen to be listening. They produce deep, solid, tight bass that can only be delivered by the leading brand in concert sound.

KEVLAR®-IMPREGNATED-PAPER WOOFER CONES

This combination has been chosen for its high strength-to-weight ratio, and is formed using a proprietary manufacturing process. Its stiffness relieves stress concentrations that may accumulate at the base of the cone in high-power and high-pressure applications.

NITRILE-BUTYLENE-RUBBER ONE-PIECE SURROUND AND GASKET

This material provides an optimal blend of elasticity and internal damping. The size of the roll is optimized to offer good long-throw linearity with the proper amount of control and stability at excursion limits.

PROGRESSIVE SPIDER

This provides better control at excursion limits than a linear spider. The benefit is reduced distortion at high output levels.

VENTED POLEPIECES

Additional cooling is provided to the motor structure. The subwoofer's thermal capabilities are augmented, increasing power handling.

SLIPSTREAM PORT

The JBL PB1220 loaded enclosure's performance is superior to that of competing loaded enclosures, primarily due to the revolutionary Slipstream port. The Slipstream port provides lots of surface area outside the box so that the air stays stuck together – the engineers call this an "adverse pressure gradient". That gradual change from high pressure to low pressure eliminates the distortion known as "whacking". Because the port's area in the middle is much smaller than the mouth of the port, the port can be *much* shorter than a cylindrical port. That means the Slipstream port can fit into regular boxes. Stickiness outside the box is maximized by increasing pressure, and stickiness inside the port is minimized by reducing velocity. The benefit of this technology is more bass output, with greatly reduced port noise and distortion.



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G E N U I N E J B L

POWER SERIES[®] SPECS



P1224

12" (300mm) Plus One[®]
Dual-Voice-Coil Subwoofer

- Power handling: 400 watts, RMS; 1600 watts, peak
- Sensitivity (2.83V/1m): 94dB
- Frequency response: 23Hz – 200Hz
- Impedance: 2 ohms/8 ohms
- Kevlar[®]-impregnated-paper woofer cone
- Dual 4-ohm voice coils
- Moderate Q design
- Vented polepiece
- Voice-coil diameter: 3" (76mm)
- Mounting depth: 5-7/8" (149mm)
- Cutout diameter: 11-1/16" (281mm)

P1222

12" (300mm) Subwoofer

- Power handling: 400 watts, RMS; 1600 watts, peak
- Sensitivity (2.83V/1m): 97dB
- Frequency response: 23Hz – 200Hz
- Impedance: 4 ohms/1 ohm
- Kevlar[®]-impregnated-paper woofer cone
- Dual 2-ohm voice coils
- Moderate Q design
- Vented polepiece
- Voice-coil diameter: 3" (76mm)
- Mounting depth: 6-3/4" (172mm)
- Cutout diameter: 11-1/16" (281mm)

P1024

10" (250mm) Plus One[®]
Dual-Voice-Coil Subwoofer

- Power handling: 400 watts, RMS; 1600 watts, peak
- Sensitivity (2.83V/1m): 92dB
- Frequency response: 25Hz – 200Hz
- Impedance: 2 ohms/8 ohms
- Kevlar[®]-impregnated-paper woofer cone
- Dual 4-ohm voice coils
- Moderate Q design
- Vented polepiece
- Voice-coil diameter: 3" (76mm)
- Mounting depth: 5-7/8" (149mm)
- Cutout diameter: 9-1/16" (231mm)

P1022

10" (250mm) Subwoofer

- Power handling: 400 watts, RMS; 1600 watts, peak
- Sensitivity (2.83V/1m): 96dB
- Frequency response: 25Hz – 200Hz
- Impedance: 4 ohms/1 ohm
- Kevlar[®]-impregnated-paper woofer cone
- Dual 2-ohm voice coils
- Moderate Q design
- Vented polepiece
- Voice-coil diameter: 3" (76mm)
- Mounting depth: 6-3/4" (172mm)
- Cutout diameter: 9-1/16" (231mm)



PB1220

12" (300mm) Loaded Enclosure With Slipstream Port

- Power handling, RMS: 400W
- Power handling, peak: 1600W
- Frequency response: 32Hz – 200Hz
- Sensitivity (2.83V/1m): 90dB
- Impedance: 2 ohms
- Dimensions (L x D x H): 22-11/16" x 19-5/16" x 16-11/16" (577mm x 491mm x 424mm)



THE OFFICIAL BRAND OF LIVE MUSIC.

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