

TB



Specs Sheet

SSP218 | Dual 18"
Powered Subwoofer

SSP218

Dual 18" Powered Subwoofer

Extended Deep Bass

Super-High Continuous Output

Exceptional Sound Quality

Unbeatable Reliability

Description:

Our original powered, double 18" subwoofer design is a combination of sensitivity, depth, power handling, fidelity and value. The SSP218 offers the most cost-effective solution for those who need big bass, providing huge low end for the price.

Delivering massive output at and above 30Hz, reliably, consistently and with great fidelity. Modern electronic, jazz, reggae, pop and R&B music emphasize bass and put tremendous demands on low frequency loudspeakers. The SSP218 delivers the energy and power of modern music and it is built to take the stress of doing so continuously, to the extremes, without fail.

Incorporating innovative new technologies into rigidly braced, large vented boxes that are optimized for maximum output and reliability. The SSP218 sustains its output long-term and is practically impossible to blow thanks to the combination of extremely rugged, very high power handling, long excursion drivers, carefully optimized cabinet and port design and several effective but transparent protection systems. The protection systems effectively prevent thermal overload of the voice coils and minimize long-term thermal compression while having virtually no effect on the transient response and peak output of the loudspeaker.

Very high output, low frequency sound with extremely low distortion. The SSP218 system is optimized for full-power operation and is designed to operate at full rated RMS power throughout its operating range while the woofers remain within their X-max specification.

Versatile and durable, the cabinet is finished in black textured weatherproof polyurethane coating. A top-mounted pole socket in each SSP218 provides for mid-high loudspeakers to be mounted on a straight speaker pole above the subwoofer. The enclosures also feature four large rubber feet and corresponding recesses in their tops to facilitate interlocking the boxes when stacked. The woofers' cones are made from a waterproof fiber matrix.

Extremely flat, delivering response that is $\pm 1.5\text{dB}$ from 32Hz to 100Hz. No equalization is required to achieve this response. Unlike designs that require equalization, the SSP218's tone, response and sensitivity are native to the design. Systems that require processing to achieve their stated response are still subject to the physical excursion and thermal limits of their drivers. Boosting low frequency EQ to achieve extended low-frequency response results in excessive distortion or woofer damage at full power unless limiting is applied. The limiting necessary to prevent failure also prevents the realization of their claimed frequency response at full power.

Engineered to work hard and continue to work where others fail. The BASSBOSS warranty provides 6 years of coverage against defects in materials and workmanship. The warranty DOES cover failed drivers, including burned voice coils, for 2 years from the date of purchase. If a voice coil, or anything else, fails within the warranty period, replacement parts will be provided without charge. (See warranty documentation for complete details). With the peace of mind afforded by plentiful, clean, undistorted output and comprehensive protection systems, you can confidently push the SSP218 Subwoofer to levels and depths that would otherwise require more or bigger cabinets.

Ideally suited for use as a professional touring subwoofer, its truck-pack dimensions are compatible with 90" and 96" truck widths and up to four boxes can be stacked and transported on a single dolly cart. This allows 16 subwoofers and their 64,000 watts of amplification to be transported in as little as 5' of 96" wide truck space or 12 boxes and 48,000 Watts in 4' of 90" truck space. On their custom-fit wheel carts with locking casters, stacks of 2 or 3 SSP218s can be rolled into place and used without the need to remove them from their carts. For added flexibility, the SSP218s can be stacked on their carts facing forwards or in cardioid configuration.

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SPECIFICATIONS

Acoustical

Loudspeaker Description:	High-Output Dual 18" Subwoofer
Frequency Response (± 3 dB):	30-100Hz
Maximum Sustained Output:	135 dB SPL, 1m, 2pi, (half-space)
Max SPL (Peak)*	141 dB
Nominal Dispersion ($^{\circ}$ H x $^{\circ}$ V):	360 x 360 - Cardioid Mode Available with Multiple Boxes

Electrical

Amplification:	4000 Watt Continuous RMS Class D Amplifier
Processing:	Integrated comprehensive DSP provides high pass, low pass, phase alignment and limiting
Electrical Connector, Amplifier:	Neutrik PowerCON input (Blue) NAC3FCA
Electrical Connector, Mains:	Standard US 3-pin 120V electrical plug: NEMA 5-15 (Edison) Optional electrical plugs available, including L5-30 and others, upon request.
Voltage Operating Range:	90-130V
Current Draw, Nominal:	4.6A @ 120 volts (typical, 1/8 max power)
Signal Input Connector:	XLR-F
Signal Output Connector:	XLR-M full-range pass-through

Physical

Enclosure Type:	Direct radiating vented enclosure, optimally tuned for extended low frequency response with high sensitivity and high power handling
Transducers:	Two 18" (457 mm) neodymium motor woofers with 4" (100mm) copper winding voice coils
Cabinet Construction:	18mm Baltic Birch plywood, extensively braced. Equipped with 4 handles and interlocking rubber feet
Dimensions (HxWxD):	22.5" x 48" x 29.5" (57.15 cm x 121.92 cm x 74.93 cm) - 23.25" (59.05 cm) high with feet
Net Weight:	199 lbs. (90 kg)
Shipping Weight:	230 lbs. (104 kg)
Exterior Finish:	Weatherproof bonded high-pressure polyurethane
Grill:	Perforated, powder-coated steel

Optional

Suspension System:	16 X 3/8-16 Threaded Flypoints
Transport Dollies:	Dolly cart with 4 locking casters and recesses to accept interlocking cabinet feet for transporting 1 to 3 cabinets
Covers:	Heavy-duty padded nylon transport covers for 1 to 3 cabinets
Online Information:	bassboss.com/ssp218

*Peak output is calculated using "industry standard" techniques. These calculation methods create theoretical specifications that are inflated over what can actually be achieved. BASSBOSS real world output specifications are provided as "Maximum Sustained Output" ratings, which reflect actual measured, continuous output levels.

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