



Specs Sheet

**SSP118-MKII** | 18" Powered Subwoofer

# SSP118-MKII

18" Powered Subwoofer

Solid, Flat Response Down To 30 Hz ○

Compact Size, Easy Transport ○

Quick Setup – Plug-and-Play ○

2400W RMS Class D Amplifier ○

## Description:

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The SSP118-MKII is a high-powered self-amplified single 18-inch subwoofer designed to give you the low frequency output of an average double 18" in a single 18" box. The SSP118-MKII features a single 18-inch subwoofer enclosure with a high-powered 2400 Watt Class-D amplifier.

Each SSP118-MKII Powered Subwoofer gives you low frequency output to 30 Hz, typical of an average double 18", from a single 18" box. Delivering output to frequencies lower than many double 18" cabinets, each individual SSP118-MKII enclosure does so with nearly half the space and considerably less weight. This is a very practical consideration from both a size and cost point of view.

For Mobile Professionals who provide superior sound quality, the SSP118-MKII allows you to deliver premium service with less equipment and labor. With two SSP118-MKII Subwoofers, you will have the output of one of the worlds finest double-18" subwoofers, the BASSBOSS SSP218, divided into two smaller, more manageable pieces.

Optimized for remarkably deep bass response from a cabinet of mobile size, SSP118-MKII Subwoofers are each loaded with a single 18" long-excursion, neodymium motor, low frequency driver. Each driver has a 4" voice coil and is rated for 1500W nominal power handling, 3000W program power handling. It is practically impossible to blow drivers on the SSP118-MKII, as with all BASSBOSS Subwoofers, due 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 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 loudspeakers.

Extremely flat, delivering response that is  $\pm 3.0\text{dB}$  from 30Hz to 100Hz. No equalization is required to achieve this response. Unlike designs that require equalization, the SSP118'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. The SSP118-MKII does not suffer from these limitations. It faithfully delivers the low bass where most others either roll off or die trying.

Finished in extremely durable black textured weatherproof polyurethane coating. A top mounted pole socket in each SSP118-MKII 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 which can withstand exposure to spills and rain and can be wiped clean with a damp cloth.

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## SPECIFICATIONS

### Acoustical

Loudspeaker Description:	Single 18" Subwoofer
Frequency Response ( $\pm 3$ dB):	30-100Hz
Maximum Sustained Output:	130 dB SPL, 1m, 2pi, half-space, (ground stacked)
Max SPL (Peak)*:	136 dB
Nominal Dispersion (*H x *V):	360 x 360 - Cardioid Mode Available with Multiple Boxes

### Electrical

Amplification:	2400 Watt RMS Class D Amplifier
Processing:	Integrated comprehensive DSP provides high pass, low pass, time alignment and limiting
Electrical Input Connector:	Neutrik Powercon input (Blue) NAC3FCA
Electrical Connector, Mains:	NEMA5-15 (Edison) or L530, upon request
Voltage Operating Range:	90-132VAC, 55-65Hz
Current Draw, Nominal:	565 W, 4.7A
Signal Input Connector:	XLR-F
Signal Output Connector:	XLR-M pass-through only

### Physical

Enclosure Type:	Direct radiating, vented enclosure, optimally tuned for low frequency response with high sensitivity and high power handling
Transducer:	1 x 18 in. diameter (457 mm) neodymium motor woofer with 4 in. (100 mm) copper winding voice coil and 56 mm (2.2) peak to peak excursion. Waterproof fiber composite cone
Cabinet Construction:	18 mm Baltic Birch plywood, extensive integrated bracing. Equipped with 4 integrated handles, 1 pole socket, 4 large rubber feet, and 4 interlocking foot pockets
Dimensions (HxWxD):	22.5 in. x 30 in. x 24 in. (23.25 in. high with feet)
Net Weight:	125 lbs
Shipping Weight:	140 lbs
Exterior Finish:	Rugged, weatherproof, black textured, bonded high-pressure polyurethane coating
Grill:	Perforated, powder-coated steel
Pole Sockets:	1 (35 mm)
Handles:	4 Integrated Handles

### Optional

Flying Hardware:	Side-pull anchors and/or shoulder eyebolts
Suspension System:	16 x 3/8 in.-16tpi threaded flypoints
Amplification for Installation:	Complete power package including DSP in two space rack chassis for permanent installations
Installation Version:	Available without handles and pole sockets
Transport Dollies:	Dolly cart with 4 locking casters and recesses to accept interlocking cabinet feet for transporting 1 or 2 cabinets
Covers:	Heavy-duty padded nylon transport covers for 1 or 2 cabinets
Online Information:	<a href="http://bassboss.com/ssp118">bassboss.com/ssp118</a>

*\*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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