



SB18i

COMPACT HIGH POWER SUBWOOFER

The **SB18i** is the fixed installation subwoofer designed for WST® line sources and coaxial systems, lowering the combined system operating range down to 32 Hz. Its compact size and streamlined rigging make it extremely well suited for flown coupled configurations with KARAI®.

The association of a specifically designed 18" transducer with a dual bass-reflex tuned enclosure provides exceptional impact and high sensitivity, low thermal compression and reduced distortion. The vents feature a progressive profile allowing laminar airflow and reduced turbulence noise even at the very highest operating levels. These combined properties contribute to the sonic qualities of the SB18i in terms of precision and musicality.

The control and amplification of the SB18i is managed by either the LA4 or LA8 platform. The onboard DSP filtering encompasses advanced crossover functions, system EQ, and dual thermal and over-excitation protection of the transducer. The L-ACOUSTICS® amplified controllers offer the following drive modes:

- The "standard" mode using SB18i as a companion to KUDO®, KARAI®, KIVA-KILO, ARCS® and featuring a low-pass filter at 60 Hz ([SB18_60] preset) or closely coupled to KARAI®, ARCS® and XTi with a low-pass filter at 100 Hz ([SB18_100] preset).
- The "cardioid" mode using SB18i as a companion to KUDO®, KARAI®, KIVA-KILO, ARCS® and featuring a low-pass filter at 60 Hz ([SB18_60_C] preset) or closely coupled to KARAI®, ARCS® and XTi with a low-pass filter at 100 Hz ([SB18_100_C] preset).

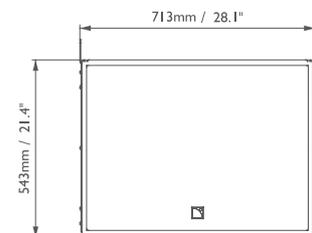
The performance of the SB18i enclosure depends upon the choice of preset and physical system configuration. Made of high grade Baltic birch plywood, the cabinet features a pole mount socket for use with XTi or KIVA enclosures and standard M6 inserts for custom rigging options.



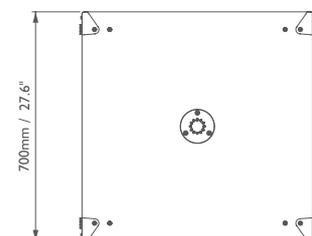
Low frequency limit (-10dB)	32 Hz ([SB18_100] preset)
Maximum SPL¹	138 dB ([SB18_100] preset)
RMS handling capability	700 W
Components	LF: 1 x 18" weather-resistant, (4" coil, aluminum die-cast basket, vented magnet design) Nominal impedance: 8 ohms
Rigging²	Steel, certified for: 8 SB18i with M-BUMPi (BGV-C1 compliant)
Physical data	W x H x D: 713 x 543 x 700 mm - 28.1 x 21.4 x 27.6 in. Weight (net): 50 kg - 110 lbs Connectors: 2 x 4-point Speakon® Material: Baltic birch plywood Finish: Grey-brown, RAL 8019® (SB18i) or Pure white RAL 9010® (SB18iW) Front: polyester powder-coated steel grill, airnet® acoustically neutral fabric Rigging: steel with zinc and polyester powder dual coating

¹ Peak level at 1 m under half space conditions using pink noise with crest factor 4 (preset specified in brackets).

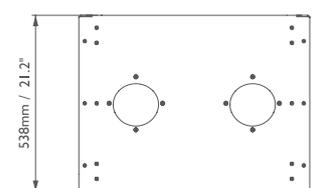
² Installation guidelines are specified in SOUNDVISION software designed to help with L-ACOUSTICS® product implementation.



FRONT



TOP



SIDE