



Description

The SBLA121 is a compact line array enclosure designed to bring superb next generation line array performance to concert, theater and commercial events. It meets the need for a high power, high bass impact system that is versatile and scalable for a very wide range of applications in the live sound, corporate and fixed installation fields. The SBLA121 grids allow systems to be flown or ground stacked as required. Though compact in size, the SBLA121 is a full-bandwidth system and may be used without subwoofers in many applications.

Components

The SBLA121 is a 2-way system that combines line array principles with innovative horn loading techniques to produce a very powerful compact line array with impressive dynamic impact. The low frequency section of the SBLA121 is comprised of a 12" / 3" (75mm) voice coil driver with phase adjust. The SBLA121 HF section is comprised of one 1.4" throat, 3" (75mm) voice coil horn elements to produce a low-curvature vertical wave front with an efficiency of 113dB at 1m for a 1W input. This optimal HF curvature enables the SBLA121 enclosures within the array to be splayed up to 8° without introducing gaps in the HF vertical coverage.

Specifications

Type:	1 x 12" Passive, Two Way, Full Range Line Array Enclosure
Coverage Pattern:	110° (Horizontal), 8° (Vertical)
Components / Drivers	Driver (LF): 1 x 12", 3" VC, Front Loaded Driver: (HF): 1 x 1.4" Throat, 3" VC, Titanium Diaphragm, Neodymium Magnet, Compression Driver on Low Distortion Horn
Power Ratings	Power Ratings (LF): 400W Continuous, 1600W Peak Power Ratings (HF): 150W Continuous, 600W Peak
System Frequency Response:	70Hz-19KHz (-3dB)
Drivers Frequency Response	(LF): 60Hz-3.0KHz (HF): 1.5Hz-19KHz
Drivers Sensitivity	(LF): 99dB / 1W / 1m (HF): 113dB / 1W / 1m
Nominal Impedance	(LF): 8Ω (HF): 8Ω
Component(s) Impedance:	(LF): 8Ω (HF): 8Ω
Internal Crossover	(LF): 50-1.2kHz, -24dB/oct (HF): 1.2kHz-20kHz, -24dB/oct
SPL	(LF): 125db Continuous, 131dB Peak (HF): 131dB Continuous, 137dB Peak
Recommended Amplifier:	(LF): 600 – 1000W into 8Ω (HF): 300W- 450W into 8Ω
Connectors:	2 x NL4, 4 Pin, Neutrik Connectors
Pin Outs	PIN 1+: SP PIN 1-: SP PIN 2+: N/A PIN 2-: N/A
Rigging:	Fast Integral adjustable rigging system with variable splay angles (0° to 8°)
Enclosure Construction:	15mm Multi-Plywood
Finish Options:	Black Polyurethane Paint
Dimensions (W*H (Rear)*D): :	22" x 13.7" (12") x 14.2" 560mm x 350 (305)mm x 360 mm
Net Weight:	64 lbs. (29 kg)

Notes:

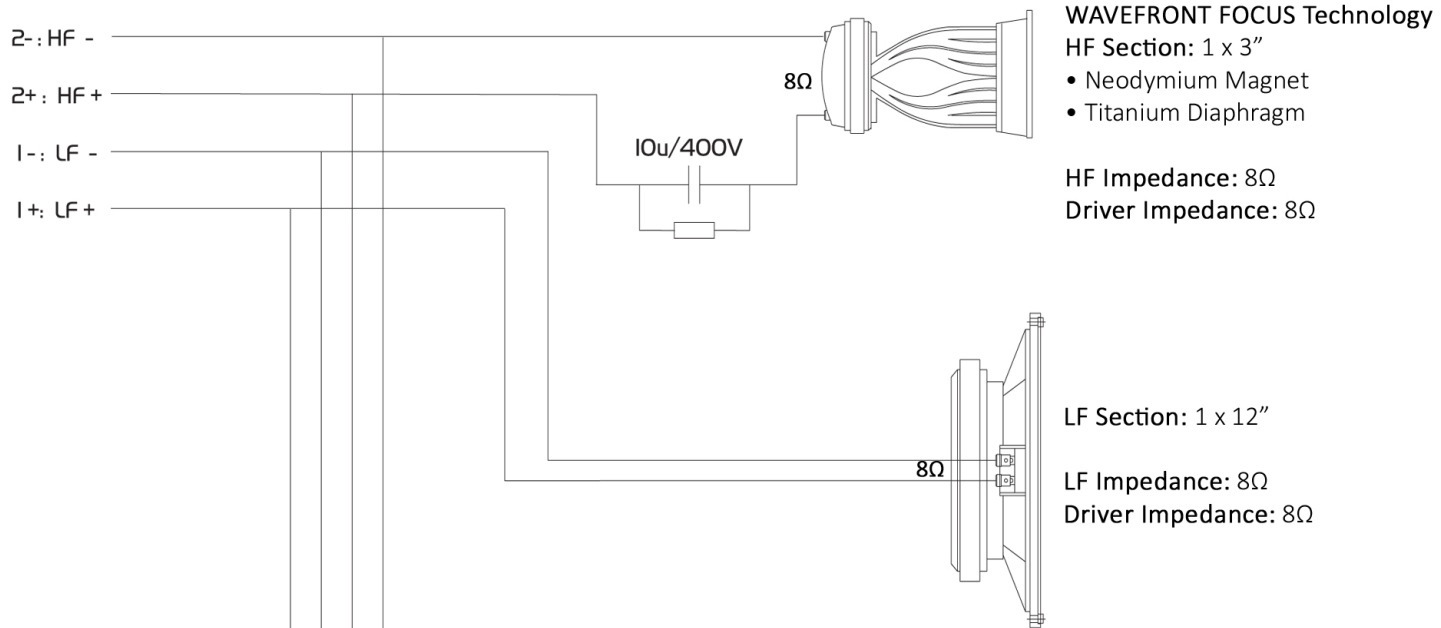
(1) Measured on-axis in half space at 2 metres, then referred to 1 metre.

(2) EIA Standard RS-426-A-1980.

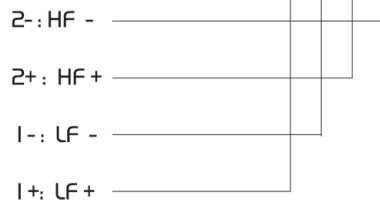
(3) Measured in half space conditions at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.

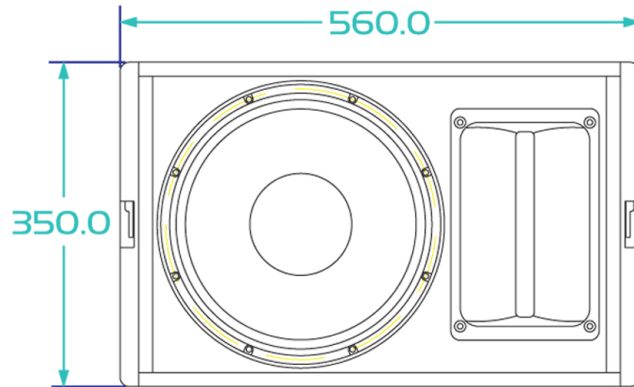
(4) Measured in half space conditions at 2 metres using band limited pink noise, then referred to 1 metre.

4 PIN Input:

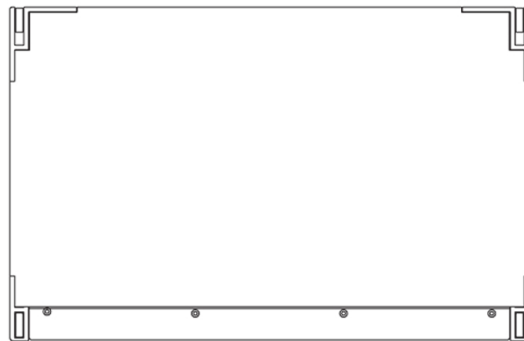


4 PIN Input:

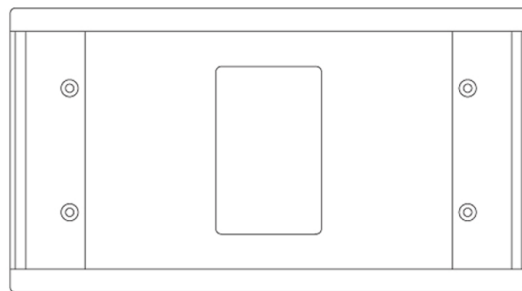




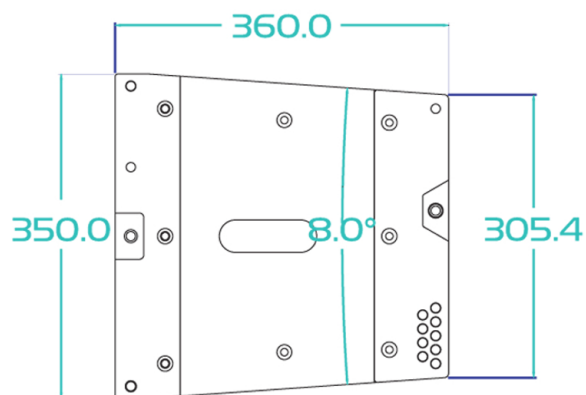
Front View



Top View



Rear View



Side View