

## technical specifications

**15" LOW FREQUENCY  
STAGE PERFORMANCE**

# SA155

**product group:**  
**system type:**

**Stage Performance (GROUNDSTACK)  
Dual Direct Radiating LF 15"s**



### construction

The SA155 is a dedicated LF / subwoofer system in a trapezoidal, computer optimized enclosure. Loudspeaker complement consists of a twin 15" LF woofers separately loaded into individual, vented sub-enclosures. The enclosure is constructed of durable 12-ply void-free birch laminate, dadoed for strength and durability. Handles are balance-optimized to facilitate transportation. Perforated steel is employed for frontal protection of the loudspeaker complement.

### Features:

**McCauley Performance Class Componentry  
9 ply Dadoed Construction  
Durable ProCoat™ Elastomeric Finish**



### the idea behind it

The SA155 was designed as multipurpose, dedicated low frequency / bass "workhorse" system for medium to large scale sound reinforcement duty. Its durable construction and reliable performance make this system an excellent choice for pro sound companies. The SA155 offers high quality bass output in a manageable, durable enclosure. This system also integrates easily with other McCauley SA™ products, offering consistent coverage and a uniform appearance.

### Applications:

**Live Sound Venues  
Multipurpose Rental P.A.  
Outdoors / Festivals**



Trapezoidal



Groundstack

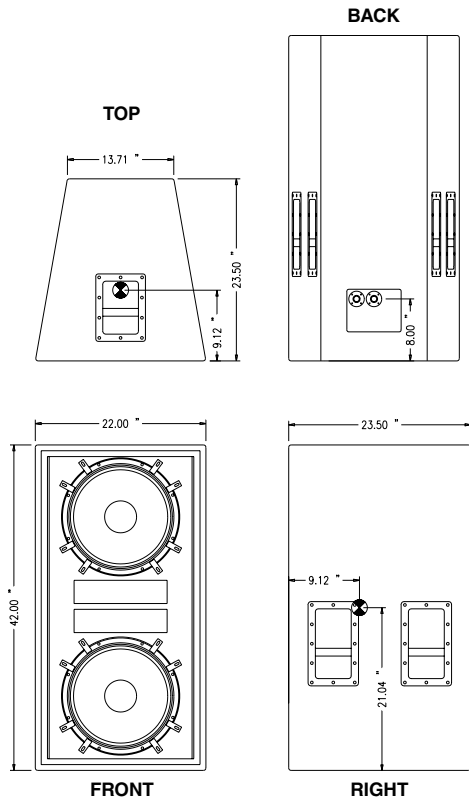


## performance parameters

## physical properties

<b>power handling</b>	<b>900w RMS</b>	<b>weight</b>	<b>145lbs / 66kgs</b>
<b>frequency response</b>	<b>40Hz - 800Hz</b>	<b>dimensions</b>	
		inches	<b>42H x 22W x 30D</b>
		centimeters	<b>106H x 56W x 76D</b>
<b>nominal impedance</b>	<b>4Ω</b>	<b>finish</b>	<b>ProCoat™</b>
<b>sensitivity</b>		<b>enclosure material</b>	<b>5/8" 12-ply</b>
(2.83v @ 4Ω, 1w, 1m)	<b>101db</b>	<b>construction</b>	<b>rabbit &amp; dadoed</b>
<b>maximum output SPL</b>		<b>suspension</b>	<b>none</b>
Continuous	<b>130db</b>	<b>connectors</b>	<b>parallel NL4</b>
Peak	<b>136db</b>	<b>transducers</b>	<b>(2) 15"s</b>
<b>recommended bandpass</b>	<b>20Hz / 180Hz</b>	<b>recommended mid/high</b>	<b>SA122-2, SA155-2</b>

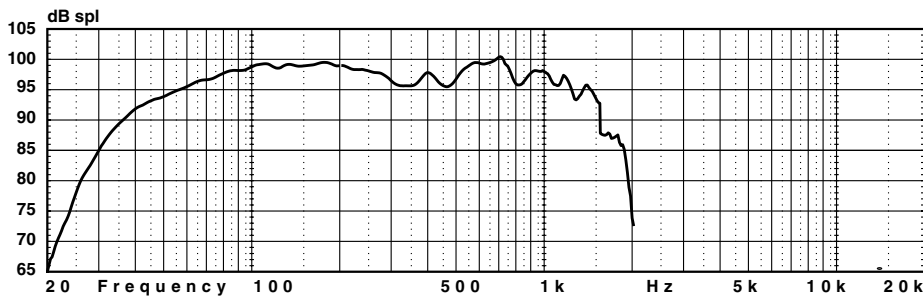
## dimensional illustrations



## architectural specifications

The loudspeaker shall be a low frequency/subwoofer type with two 15" low frequency drivers mounted in a bass reflex enclosure. The loudspeaker shall contain two 15" "Focused Field" drivers with a power handling capacity of 700 watts RMS and shall have a sensitivity of 101 dB SPL measured at 1 meter with 2.83 volts into a nominal 4 ohm load. The loudspeaker system shall be capable of 131 dB SPL continuous and 134 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 45 Hz to 1.5 kHz +/- 3 dB (35 Hz to 2 kHz -10 dB). The enclosure shall weigh a total of 145 lbs. and shall measure 42 inches tall, 22 inches wide (13.5 inches at rear) and 24 inches in depth. The enclosure sides shall be angled at 10o from front to back forming a trapezoidal shape. The enclosure shall be made of 12-ply void-free birch hardwood and shall have a weather and wear resistant ProCoat™ elastomeric finish. The enclosure shall incorporate two steel handles on each side, and one on the top for easy mobility. Electrical connections shall be made via paralleled Neutrik NL-4 connectors, or optional NL-8 or EP series connectors. An optimized passive crossover network shall be switchable between full range and biamp modes. The loudspeaker shall be the McCauley SA155.

## response data



on axis response (2.83v@1m, free-field conditions)