# technical specifications

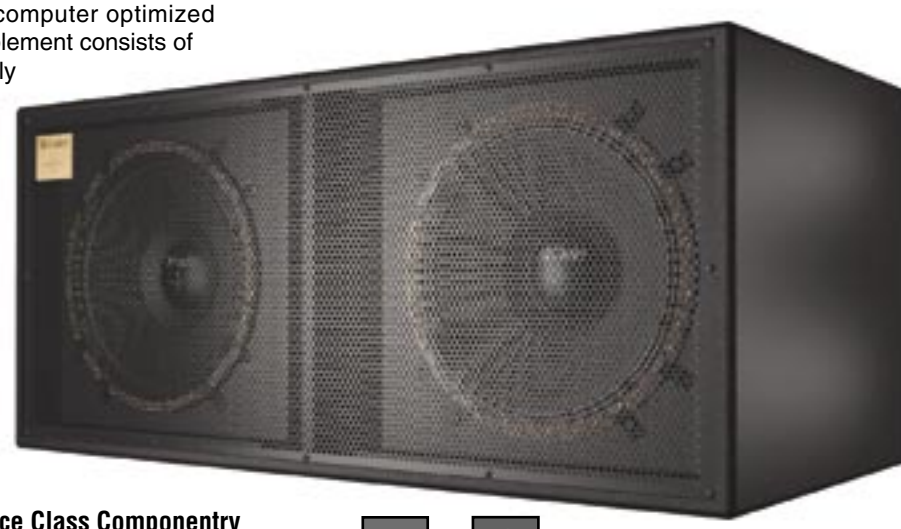
**15" LOW FREQUENCY CONTRACTOR SYSTEM**

# AC355

**product group:** **Advanced Contractor's Series**
**system type:** **Dual Direct Radiating LF 15"s**

## construction

The AC355 is a dedicated LF / subwoofer system in a rectangular, horizontal, computer optimized enclosure. Loudspeaker complement consists of a twin 15" LF woofers separately loaded into individual, vented sub-enclosures. The entire enclosure is constructed of durable 12-ply void-free birch laminate, dadoed for strength and durability. Binding posts are located on a recessed steel jackpanel on the back side of the enclosure. Perforated steel is employed for frontal protection of the loudspeaker complement.



**Features:**

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

R Rectangular

G Groundstack

## the idea behind it

The AC355 was designed as multipurpose, dedicated low frequency/bass system for medium to large scale sound reinforcement duty. The AC355's extremely low profile allows this system to fit easily under club stages. This system also integrates easily with other McCauley AC™ and SA™ products, offering consistent coverage and a uniform appearance.

**Applications:**

**Live Club Installation**
**Dance Club Sound**
**House of Worship**

## performance parameters

| | |
|---|---|
| **AES power handling** | **800w RMS** |
| **frequency response** | **25Hz - 800Hz** |
| **nominal impedance** | **2Ω** or **4Ω** |
| **sensitivity** | |
| (2.83v@2Ω, 4w, 1m) | **104db** |
| (2.83v@4Ω, 2w, 1m) | **99db** |
| **maximum output SPL** | |
| Continuous | **126db** |
| Peak | **132db** |
| **recommended bandpass** | **25Hz / 180Hz** |

## physical properties

| | |
|---|---|
| **weight** | **140lbs / 63kgs** |
| **dimensions** | |
| inches | **20H x 45W x 24D** |
| centimeters | **51H x 115W x 60D** |
| **finish** | **ProCoat™** |
| **enclosure material** | **5/8" 12-ply** |
| **construction** | **rabbet & dadoed** |
| **suspension** | **none** |
| **connectors** | **binding posts** |
| **transducers** | **(2)15"s** |
| **recommended mid/high** | **AC222-2, AC122-2, AC255-2** |

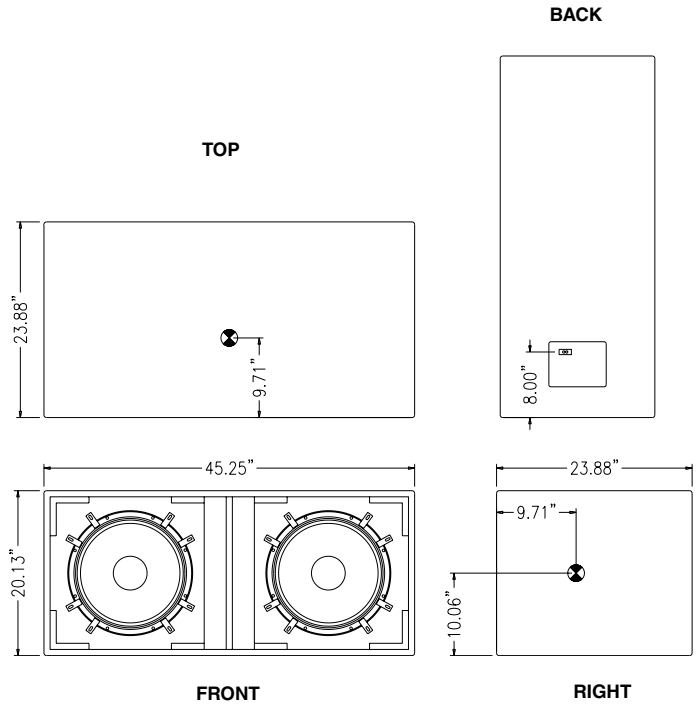
McCauley Sound Inc. - 16607 Meridian Avenue East - Puyallup, WA 98375 - U.S.A.
Call Toll Free: 1.877.McCauley - fax 253.841.3050 - http://www.mccauley.com

McCauley sound

# technical specifications

**AC355**
DUAL 15" LF CONTRACTOR

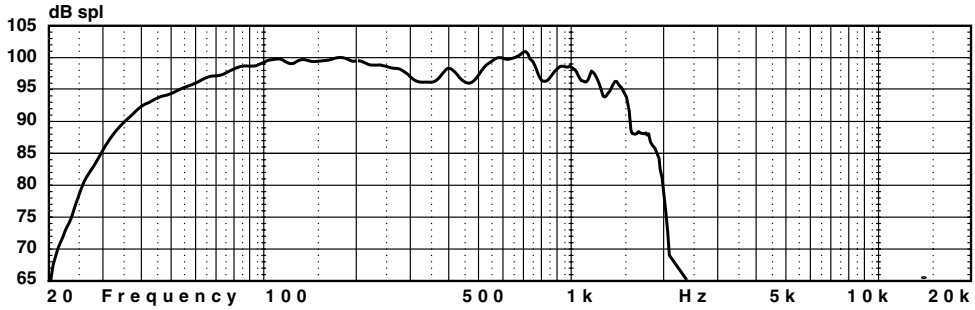
## dimensional illustrations




## archetectural specfications

The loudspeaker shall be a low frequency type with two McCauley 15" drivers mounted in a bass reflex enclosure. Each 15" transducer shall utilize the "Focused Field" removable magnet structure design. They shall have a combined power capacity of 800 watts RMS and 1600 watts peak and a sensitivity of 101 dB measured at 1 meter with 2.83 volts into a nominal 4 ohm load. The loudspeaker system shall be capable of 126 dB SPL continuous and 132 dB SPL peak maximum output. The loudspeaker system shall have an effective operating range of 30 Hz to 800 kHz +/- 3 dB (25Hz to 1.2 Hz – 10 dB). The AC355 shall weigh a total of 140 lbs. and shall measure 20 inches tall, 45 1/4 inches wide and 30 inches in depth. The AC355 enclosure shall be constructed of 12-ply void-free birch hardwood and shall have a weather and wear resistant ProCoat$^{tm}$ elastomeric finish. Electrical connections shall be made via standard binding posts or barrier strips. The loudspeaker shall be the McCauley AC355.

## response data




McCauley Sound Inc. - 16607 Meridian Avenue East - Puyallup, WA 98375 - U.S.A.
Call Toll Free: 1.877.McCauley - fax 253.841.3050 - http://www.mccauley.com

McCauley sound