



TECHNICAL SPECIFICATIONS BV535

DESCRIPTION

A dedicated bass system housed in trapezoidal enclosure. Includes 3x 15-in woofers in separate vented subenclosures.

APPLICATIONS

The BV535 uses enclosure venting to extend LF response and minimize distortion from excessive driver excursion. Identical in height to the MH662, they work together to create true 3-way arrays in large format installations. An effective tool wherever extended range LF response is needed. Six Year Warranty.

Applications include:

- Corporate Events
- Large Theaters
- Stadiums
- Arenas
- Large HOW's
- Dance Clubs

DESCRIPTIVE DATA

Part Number	999171
Product Group	M
Components & Loading	3x 15-in, Vented
System Configuration	Dedicated LF System
Recommended High-Pass Frequency (24 dB/Octave)	35Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	6-Terminal Barrier Strip
Suspension Hardware	(16) 3/8"-16 threaded mounting/suspension points (4 each top, bottom and sides)
Grill	Vinyl Coated Perforated Steel



NOMINAL DATA

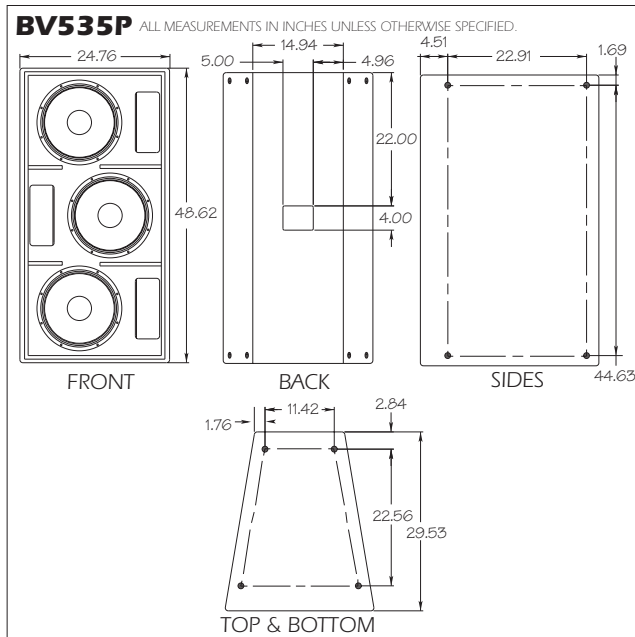
Frequency Response (Hz)	± 3 dB	50Hz to 500Hz	
	-10 dB	35Hz	
	Axial Sensitivity (dB SPL/1 Watt/1m)		
			103
Impedance (Ohms)			3x 8
Power Handling (Watts)			AES Standard 1500
Calculated Maximum Output (dB SPL, @1m)			Peak 140.8
			Long Term 134.8
Dimensions	inches	millimeters	
	Height	48.63	1235
	Width (Front)	24.76	629
	Width (Rear)	11.7	297
	Depth	29.5	749
Trapezoid Angle		10 degrees per side	
Weights	pounds	kilograms	
	Net Weight	197	89.6
	Shipping Weight	210	95.6





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DIMENSIONAL DRAWING



SERVICE ITEMS

LF: Complete Cone Driver

EAW Part No. 804071

Filter/Crossover Network: Complete Assembly

EAW Part No. 201161

ARCHITECTURAL SPECIFICATIONS

The low frequency loudspeaker systems shall incorporate 3x 15-in LF transducers. The LF drivers shall be mounted in separate vented subenclosures tuned for optimum low frequency response.

System frequency response shall vary no more than ± 3 dB from 50 Hz to 500 Hz measured on axis. The loudspeaker shall produce a Sound Pressure Level (SPL) of 103 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 140.8 SPL on axis at 1 meter. The loudspeaker shall handle 1500 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 3x 8 Ohms.

The loudspeaker enclosure shall be trapezoidal in shape. It shall be constructed of 15mm thickness void-free cross-grain-laminated Baltic birch plywood and shall employ extensive internal bracing. It shall be finished in black catalyzed polyurethane. Input connectors shall be a 6-terminal barrier strip. A total of sixteen 3/8"-16 threaded mounting/suspension points (4 each top, bottom, sides) shall be provided. The front of the loudspeaker shall be covered with a vinyl coated perforated steel grill.

The low frequency loudspeaker shall be the EAW model BV535.