



# TECHNICAL SPECIFICATIONS BV525

## DESCRIPTION

A dedicated bass system housed in trapezoidal enclosure. Includes 2x 15-in woofers in separate vented subenclosures.

## APPLICATIONS

The BV525 uses enclosure venting to extend LF response and minimize distortion from excessive driver excursion. Identical in height to the MH690iE, the compact, high output LF system works with MH and CH Series mid/high modules to create true 3-way arrays in large format installations. Six Year Warranty.

Applications include:

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

## DESCRIPTIVE DATA

Part Number	999093
Product Group	M
Components & Loading	2x 15-ins, 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	4-Terminal Barrier Strip
Suspension Hardware	(16) 3/8"-16 Threaded Mounting/Suspension Points (4 each top, bottom, sides)
Grill	Vinyl Coated Perforated Steel



## NOMINAL DATA

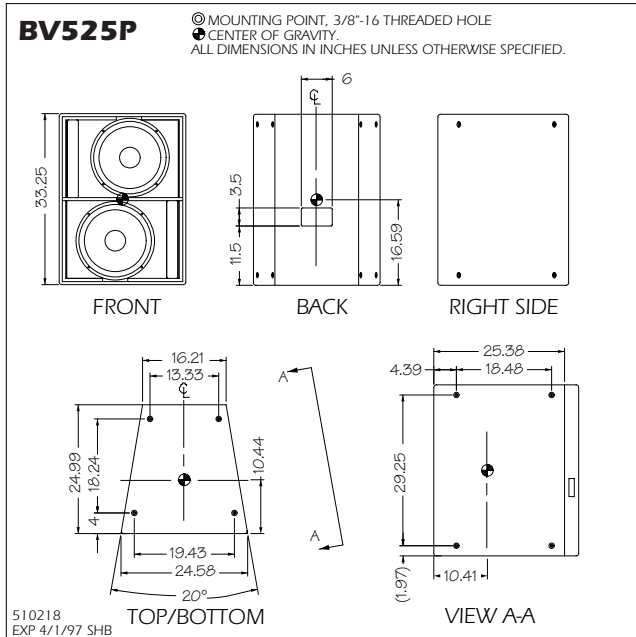
Frequency Response (Hz)	±3 db	50Hz to 500Hz	
	-10 dB	35Hz	
	Axial Sensitivity (dB SPL/1 Watt/1m)		
			101
Impedance (Ohms)			4 or 2x 8
Power Handling (Watts)			AES Standard 1000
Calculated Maximum Output (dB SPL, @1m)			
			Peak 137
			Long Term 131
Dimensions		inches	millimeters
	Height	33.25	845
	Width (Front)	24.625	625
	Width (Rear)	15.8	401
	Depth	25	635
Trapezoid Angle		9.5 degrees per side	
Weights		pounds	kilograms
	Net Weight	116	52.8
	Shipping Weight	126	57.3





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## DIMENSIONAL DRAWING



## SERVICE ITEMS

**Sub: Complete Cone Driver**

EAW Part No. 804071

**Filter/Crossover Network: Complete Assembly**

EAW Part No. 201134

## ARCHITECTURAL SPECIFICATIONS

The low frequency loudspeaker systems shall incorporate 2x 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  $\pm 3$  dB from 50 Hz to 500 Hz measured on axis. The loudspeaker shall produce a Sound Pressure Level (SPL) of 101 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 137 SPL on axis at 1 meter. The loudspeaker shall handle 1000 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 4 (2x 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 four-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 BV525.