



SPECIFICATIONS AS415e

DESCRIPTION

A dedicated low frequency system in a trapezoidal enclosure. Includes a vented 15-in woofer.

APPLICATION

The AS415e is engineered for permanent installations. It complements the AS460e or AS490e mid/high modules to provide full range performance in a flexible, modular, multi-enclosure format. Its trapezoid angles create the ideal splay for arrays of 2x AS460e's. Includes comprehensive 3/8"-16 threaded mounting/suspension points. Six year warranty.

Applications include:

Stadiums	Arenas
Performing Arts Centers	Houses of Worship

PERFORMANCE

Frequency Response (Hz)	
±3 dB	60 Hz to 500 Hz
-10 dB	47 Hz
Axial Sensitivity (dB SPL, 1 Watt @ 1m)	
LF	97
Impedance (Ohms)	
LF	8
Power Handling (Watts, Continuous)	
LF	600
Recommended High-Pass Frequency	
24 dB/Octave	40 Hz
Calculated Maximum Output (dB SPL @ 1m)	
LF Peak	130
LF Long Term	124



PHYSICAL

Product Group	I	
Configuration	Dedicated low frequency system	
LF Subsystem & Loading	1x 15-in, vented	
Cabinet Type (shape)	Trapezoidal	
Enclosure Materials	Exterior grade Baltic birch plywood	
Finish	Wear-resistant textured black paint	
Connectors	2-Contact terminal strip	
Suspension Hardware	(18) 3/8"-16 threaded mounting points (4 each top and bottom and sides, 2 on back)	
Grille	Powder coated perforated steel	
Dimensions	inches	millimeters
	Height	22.5 / 572
	Width (front)	24.6 / 626
	Width (rear)	16.5 / 419
	Depth	23 / 584
Trapezoid Angle	10 Degrees per Side	
Weights	pounds	kilograms
	Net Weight	88 / 40.0
	Shipping Weight	103 / 46.9

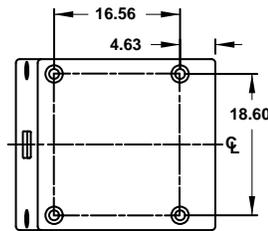
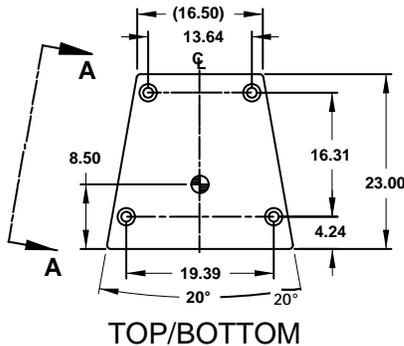
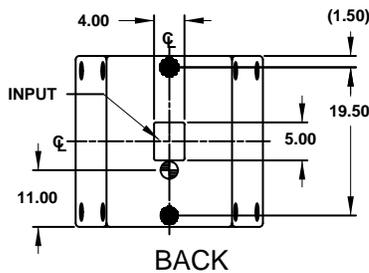
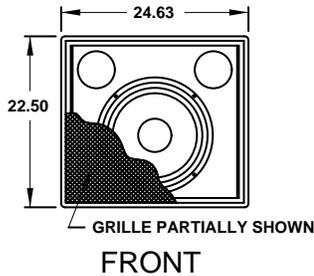




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DIMENSIONAL DRAWING

- ⊙ INDICATES MOUNTING POINT, 3/8-16 THREADED HOLE (PI ANGLE).
- INDICATES MOUNTING POINT, 3/8-16 THREADED HOLE (NUT PLATE).
- ⊕ SYMBOL INDICATES CENTER OF BALANCE



DIMENSIONS APPLY TO BOTH SIDES

A & E SPECIFICATIONS

The low frequency loudspeaker system shall incorporate a 15-in LF transducer that shall be mounted in a vented enclosure tuned for optimum LF response.

System frequency response shall vary no more than ± 3 dB from 60 to 500 Hz measured on axis. The system shall produce a Sound Pressure Level (SPL) of 97 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 130 dB SPL on axis at 1 meter. The system shall handle 600 Watts of amplifier power (continuous) and shall have a nominal impedance of 8 Ohms.

The loudspeaker enclosure shall be trapezoidal in shape. It shall be constructed of multi-ply, void-free, cross-grain-laminated, exterior grade, Baltic birch plywood and shall employ extensive internal bracing. It shall be finished in wear-resistant textured black paint. Input connectors shall be 2-contact terminal strip. Eighteen (18) 3/8"-16 threaded mounting/suspension points (4 each top, bottom and sides, 2 on back) shall be provided. The front of the loudspeaker shall be covered with a powder coated perforated steel grille.

The low frequency loudspeaker shall be the EAW model AS415e.

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5/14/01

Manufacturing tolerances are +/- 0.13 and +/- 1°

