



TECHNICAL SPECIFICATIONS AS625

DESCRIPTION

A dedicated low frequency/subwoofer system in a trapezoidal enclosure. Includes 2x 15-in woofers (vented).

APPLICATION

The AS625 can serve as a low frequency module when used with the AS460 or AS490 mid/high modules or as a subwoofer when used with the AS660i or AS690i full range systems. Its trapezoid angles create the ideal splay for arrays of 2x AS660i's or AS460's. Includes comprehensive 3/8"-16 mounting/suspension points. Six year warranty.

Applications include:

- Stadiums
- Arenas
- Dance Clubs
- Theaters
- Performing Arts Centers
- Houses of Worship

DESCRIPTIVE DATA

Part Number	999670
Product Group	I, L
System Configuration	Dedicated Low Frequency System
LF Subsystem & Loading	2x 15-in, Vented
Recommended High-Pass Frequency (24 dB/Octave)	39 Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	Baltic Birch Plywood
Finish	Black Polyurethane
Connectors	2-Terminal Barrier Strip
Suspension Hardware	(12) 3/8"-16 Threaded Mounting/Suspension Points (3 each Top and Bottom, 2 on Sides and Back)
Grill	Powder Coated Perforated Steel
Options	104001 3/8"-16 Eyebolt (FC300B)



NOMINAL DATA

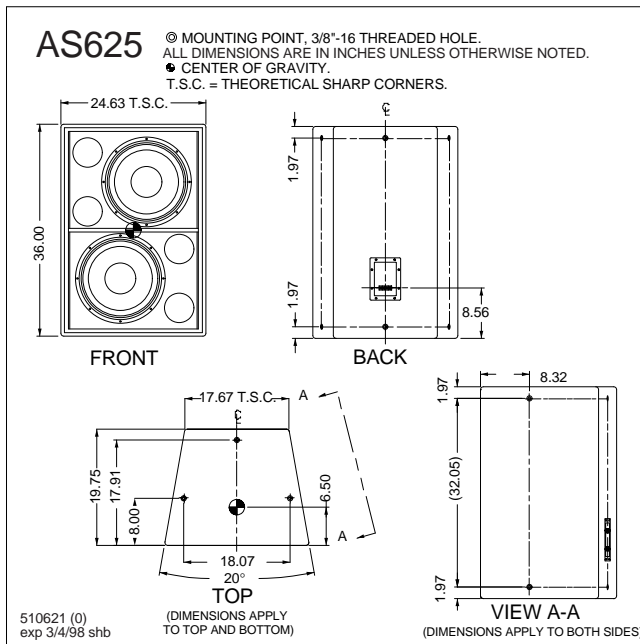
Frequency Response (1 Watt @ 1m)		
±3 dB	47 Hz to 500 Hz	
-10 dB	39 Hz	
Axial Sensitivity (dB SPL, 1 Watt @ 1m)		
LF	100	
Impedance (Ohms)		
LF	4	
Power Handling, AES Standard (Watts)		
LF	1200	
Calculated Maximum Output (dB SPL @ 1m)		
LF Peak	136.8	
LF Long Term	130.8	
Dimensions		
	inches	millimeters
Height	36.00	914
Width (Front)	24.63	626
Width (Rear)	17.67	449
Depth	19.75	502
Trapezoid Angle	10 degrees per side	
Weights		
	pounds	kilograms
Net Weight	129	58.7
Shipping Weight	147	66.9





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DIMENSIONAL DRAWING



ARCHITECTURAL SPECIFICATIONS

The low frequency loudspeaker systems shall incorporate 2x 15-in LF transducers that shall be mounted in a vented enclosure tuned for optimum LF response.

System frequency response shall vary no more than ± 3 dB from 47 to 500 Hz measured on axis. The system shall produce a Sound Pressure Level (SPL) of 100 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 136.8 dB SPL on axis at 1 meter. The system shall handle 1200 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 4 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 polyurethane. Input connectors shall be 2-terminal barrier strip. Twelve (12) 3/8"-16 threaded mounting/suspension points (3 each top and bottom, 2 each on sides and back) shall be provided. The front of the loudspeaker shall be covered with a powder coated perforated steel grill.

The low frequency loudspeaker shall be the EAW model AS625.

SERVICE ITEMS

LF: Complete Cone Driver	EAW Part No.	804081
LF: Recone Assembly	EAW Part No.	460059