



SPECIFICATIONS JF50S

DESCRIPTION

A 2-way full range system (passive LF/HF crossover) in a compact asymmetrical left and right trapezoidal enclosure. Includes 2x 5.25-in woofers and a 1-in soft dome tweeter. Impedance is switchable: 4 Ohms or 16 Ohms.

APPLICATIONS

The JF50S is engineered for exceptional performance in the nearfield from a compact enclosure. Left and right side drivers are magnetically shielded for use on either side of video monitors. Very effective as a fill/delay element in larger over-all systems or for foreground/background music reproduction. Six year warranty.

Applications include:

- MultiMedia
- Small Retail Spaces
- Presentation Suite
- Small HOW's
- Theaters

PERFORMANCE

Frequency Response (Hz)		
±3 db	98 Hz to 17 kHz (4 Ohm) / 111 Hz to 17 kHz (16 Ohm)	
-10 dB	71 Hz	
Axial Sensitivity (dB SPL/1 Watt/1m)		
	91	
Impedance (Ohms)		
	4 Ohms / 16 Ohms (Switchable)	
Power Handling (Watts)		
AES Standard	175	
Calculated Maximum Output (dB SPL, @ 1m)		
Peak	119.4	
Long Term	113.4	
Nominal Coverage Angle / -6 dB points (degrees)		
Horizontal	120	
Vertical	80	
Recommended Complementary Systems		
Sub	SB48 / SB120	



Shown as Pair

PHYSICAL

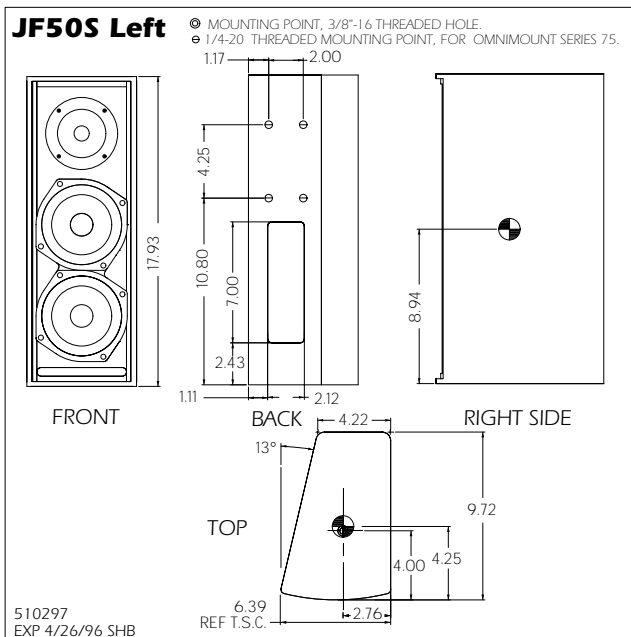
Part Number	999477 (Left)	
	999049 (Right)	
LF Subsystem & Loading	2x 5.25-in, vented	
HF Subsystem & Loading	1x 1-in soft-dome tweeter	
System Configuration	2-way, full range	
Powering Configuration(s)	Passive LF/HF crossover	
Controls (switches, knobs)	Impedance switch	
Recommended High-Pass Frequency (24 dB/Octave)	85Hz (4 Ohm)/100Hz (16 Ohm)	
Cabinet Type (shape)	Asymmetrical trapezoid	
Enclosure Materials	Baltic birch plywood	
Finish	Black catalyzed polyurethane	
Connectors	2x Neutrik NL4 Speakon	
Suspension Hardware	(2) 3/8"-16 threaded mounting/suspension points (1 each top and bottom) plus (4) 1/4"-20 threaded points to accept Omnimount Series 75	
Grille	Vinyl coated perforated steel	
Options	980005 wallmount bracket	
Dimensions	inches	millimeters
Height	17.93	455
Width (Front)	6.39	162
Width (Back)	4.22	107
Depth	9.72	247
Trapezoid Angle	13.2 Degrees (one side only)	
Weights	pounds	kilograms
Net Weight	18	8.2
Shipping Weight	23	10.5





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DIMENSIONAL DRAWING



SERVICE ITEMS

LF: Complete Cone Driver

EAW Part No. 804056

HF: Complete Compression Driver/Tweeter

EAW Part No. 805010

Filter/Crossover Network: Complete Assembly

EAW Part No. 225199

A & E SPECIFICATIONS

The two-way full range loudspeaker systems shall incorporate 2x 5.25-in LF transducers and a 1-in soft dome HF transducer.

All drivers shall be magnetically shielded allowing the system to be used in immediate proximity to video monitors. The LF drivers shall be mounted in a vented enclosure tuned for optimum low frequency response. An internal passive filter network shall provide fourth order acoustical crossover and system equalization.

System frequency response shall vary no more than ± 3 dB from 98 Hz to 17 kHz at 4 Ohms or 111 Hz to 17 kHz at 16 Ohms measured on axis. The loudspeaker shall produce a Sound Pressure Level (SPL) of 91 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 119.4 SPL on axis at 1 meter. The loudspeaker shall handle 175 Watts of amplifier power (AES Standard). The system shall include an impedance switch allowing the user to choose between 4 and 16 Ohm operation (nominal impedance). The system shall have nominal coverage angles of 120° (h) x 80° (v).

The loudspeaker enclosure shall be asymmetrically trapezoidal in shape. It shall be constructed of 1/2-in 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 dual Neutrik NL4 Speakon. 2x 3/8"-16 threaded mounting/suspension points (1 each top and bottom) plus 4x 1/4"-20 threaded mounting/suspension points to accept Omnimount Series 75 shall be provided. The front of the loudspeaker shall be covered with a vinyl coated perforated steel grille backed with open cell foam to protect against dust.

The two-way full range loudspeaker shall be the EAW model JF50S. (Specify left or right.)