



SPECIFICATIONS JF100e

DESCRIPTION

A 2-way full range system (passive LF/HF crossover) in a vented trapezoidal enclosure. Includes a 10-in woofer and a 1-in exit compression driver on a Wave Guide Plate™.

APPLICATIONS

The JF100e combines high output and natural reproduction in a compact, versatile enclosure. Effective as a nearfield main system or as a fill/delay element in very large overall systems. Features a unique top handle with integrated flytrack/3/8"-16 threaded suspension point. Comprehensive mounting options include stand mount cup. Six year warranty.

Applications include:

- Band PA
- Ballroom Events
- Corporate Events
- Small Theaters
- Live Music Clubs
- Convention Centers

PERFORMANCE

Frequency Response (Hz)	
±3 db	67Hz to 18kHz
-10 dB	55Hz
Axial Sensitivity (dB SPL/1 Watt/1m)	
	97
Impedance (Ohms)	
	8
Power Handling (Watts)	
AES Standard	280
Calculated Maximum Output (dB SPL, @ 1m)	
Peak	127.5
Long Term	121.5
Nominal Coverage Angle / -6 dB points (degrees)	
Conical	100
Recommended Complementary Systems	
Sub	SB180 / SB250

PHYSICAL

Part Number	999058
Product Group	J
LF Subsystem & Loading	1x 10-in cone, vented
HF Subsystem & Loading	1x 1-in exit compression driver on Wave Guide Plate™
System Configuration	2-way, full range
Powering Configuration(s)	Passive LF/HF crossover
Recommended High-Pass Frequency (24 dB/Octave)	50 Hz
Cabinet Type (shape)	Trapezoidal



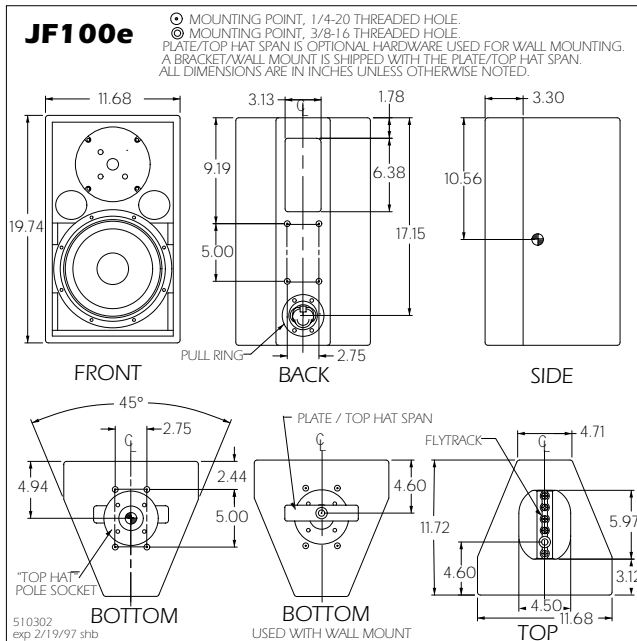
Enclosure Materials	Baltic birch plywood	
Finish	Black catalyzed polyurethane	
Connectors	2x Neutrik NL4 Speakin	
Suspension Hardware	(1) 5-Position flytrack with integral 3/8"-16 threaded mounting point (top)/(8) 1/4"-20 threaded mounting points for Omnimount Series 100 (4 back/4 bottom)/stand mount for Ultimate Brand support stand (bottom)/Kinedyne spring loaded pull-back ring (back)	
Grille	Vinyl coated perforated steel	
Options	Hardware Plate 606070 provides a 3/8-16 threaded suspension point on the bottom directly opposite the top for use with U-shaped wallmount bracket 179001 Flyclip with ring 179002 Flyclip with hook	
Dimensions	inches	millimeters
Height	19.75	502
Width	11.68	297
Depth	11.71	298
Back Width	4.719	120
Trapezoid Angle	22.5 degrees per side	
Weights	pounds	kilograms
Net Weight	50	22.8
Shipping Weight	53	24.1





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DIMENSIONAL DRAWING



SERVICE ITEMS

LF: Complete Cone Driver	EAW Part No. 804021
HF: Complete Compression Driver/Tweeter	EAW Part No. 803002
HF: Diaphragm Assembly	EAW Part No. 806043
Filter/Crossover Network: Complete Assembly	EAW Part No. 225200

A & E SPECIFICATIONS

The two-way full range loudspeaker systems shall incorporate a 10-in LF transducer and a 1-in exit compression driver HF transducer.

The LF driver shall be mounted in a vented enclosure tuned for optimum low frequency response. The HF driver shall be loaded on an axis-symmetrical wave guide plate with a nominal coverage pattern of 100° (conical). 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 67 Hz to 18 kHz measured on axis. The loudspeaker 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 127.5 SPL on axis at 1 meter. The loudspeaker shall handle 280 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 8 Ohms.

The loudspeaker enclosure shall be 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. The following mounting/suspension hardware shall be provided: one five-position flytrack with integral 3/8"-16 threaded mounting/suspension point (top); eight 1/4"-20 threaded mounting/suspension points for Omnimount Series 100 (4 back, 4 bottom); a recessed cup to accept a standmount pole (bottom); a spring loaded pull-back ring (back). 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 JF100e.