



TECHNICAL SPECIFICATIONS JF260e

DESCRIPTION

A 2-way full range system in a vented trapezoidal enclosure. Includes a 12-in woofer and a 2-in exit compression driver on a 60 x 45 constant directivity horn. Powering mode is switchable: passive (LF/HF crossover) or biamplified.

APPLICATIONS

The JF260e offers concert-level output combined with natural, undistorted reproduction. Effective in portable or permanent nearfield applications requiring higher directivity. Flytracks, mounting/suspension points, stand mount cup. Six year warranty.

Applications include:

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

DESCRIPTIVE DATA

Part Number	999062
Product Group	J
LF Subsystem & Loading	1x 12-in, Vented
HF Subsystem & Loading	1x 2-in Exit Compression Driver on Constant Directivity Horn
System Configuration	2-way, Full Range
Powering Configuration(s)	Switchable: Full Range (passive LF/HF crossover) or Biamplified
Controls (switches, knobs)	Powering Mode Switch
Recommended High-Pass Frequency (24 dB/Octave)	50Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	Baltic Birch Plywood
Finish	Black Catalyzed Polyurethane
Connectors	2x Neutrik NL4 Speakon
Suspension Hardware	(5) 3-Position Flytracks (2 each top and bottom, 1 back)/(10) 3/8"-16 Threaded Mounting/Suspension Points (3 each top and bottom, 2 per side)/4 Threaded Points for Omnimount Series 300 (back)/Recessed Cup for Standmount (bottom)
Grill	Foam Backed Vinyl Coated Perforated Steel
Options	179001 Flyclip with ring 179002 Flyclip with hook

NOMINAL DATA

Frequency Response (Hz)	
±3 db	66Hz to 18kHz
-10 db	55Hz
Axial Sensitivity (dB SPL/1 Watt/1m)	
Full Range	98
Biamped LF	98
Biamped HF	106



Impedance (Ohms)

Full Range Passive	8
Biamped LF	8
Biamped HF	12

Power Handling, AES Standard (Watts)

Full Range	500
Biamped LF	500
Biamped HF	200

Calculated Maximum Output (dB SPL, @ 1m)

Full Range Peak	131.0
Biamped LF Peak	131.0
Biamped HF Peak	135.0
Full Range Long Term	125.0
Biamped LF Long Term	125.0
Biamped HF Long Term	129.0

Nominal Coverage Angle / -6 dB points (degrees)

Horizontal	60
Vertical	45

Dimensions

	inches	millimeters
Height	22.43	570
Width (Front)	14.85	377
Width (Rear)	6.95	176
Depth	14.75	375
Trapezoid Angle	15 degrees per side	

Weights

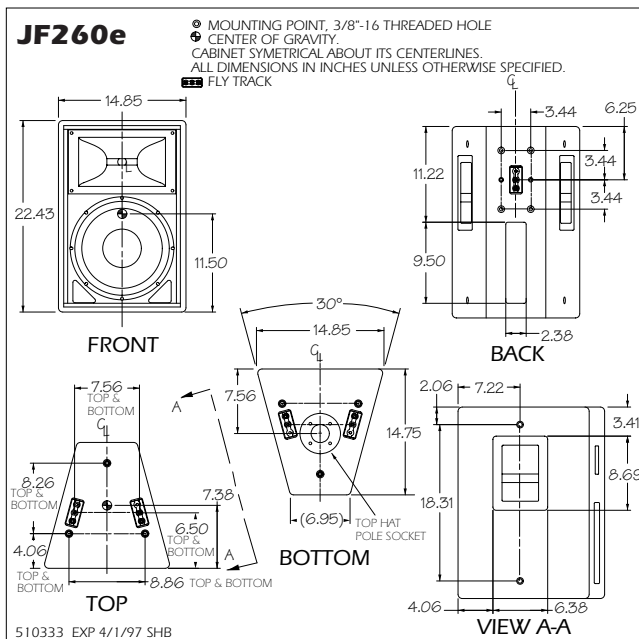
	pounds	kilograms
Net Weight	70	31.5
Shipping Weight	76	34.2





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DIMENSIONAL DRAWING



SERVICE ITEMS

LF: Complete Cone Driver

EAW Part No. 804031

HF: Complete Compression Driver/Tweeter

EAW Part No. 803010

Filter/Crossover Network: Complete Assembly

EAW Part No. 225137

ARCHITECTURAL SPECIFICATIONS

The two-way full range loudspeaker systems shall incorporate a 12-in LF transducer and a 2-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 constant directivity horn with a nominal coverage pattern of 60° (h) x 45° (v). In passive mode, 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 66 Hz to 18 kHz measured on axis. In passive mode, the loudspeaker shall produce a Sound Pressure Level (SPL) of 98 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 131 SPL on axis at 1 meter. It shall handle 500 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 8 Ohms.

In biamped mode, the low frequency section shall meet all passive mode performance criteria. In addition, the high frequency section in biamped mode shall produce a Sound Pressure Level (SPL) of 106 dB SPL on axis at 1 meter with a power input of 1 Watt, and shall be capable of producing a peak output of 135 SPL on axis at 1 meter. The high frequency section in biamped mode shall handle 200 Watts of amplifier power (AES Standard) and shall have a nominal impedance of 12 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 dual Neutrik NL4 Speakon. The system shall include a switch allowing it to be operated in biamp or passive powering mode. The following mounting/suspension hardware shall be provided: five three-position flytrack (2 each top and bottom, 1 back); ten 3/8"-16 threaded mounting/suspension points (3 each top and bottom, 2 each per side), four threaded points (back) to mount an Omnimount Series 300; a recessed cup to accept a standmount pole (bottom). The front of the loudspeaker shall be covered with a vinyl coated perforated steel grill backed with open cell foam to protect against dust.

The two-way full range loudspeaker shall be the EAW model JF260e.