

EVF-2121S

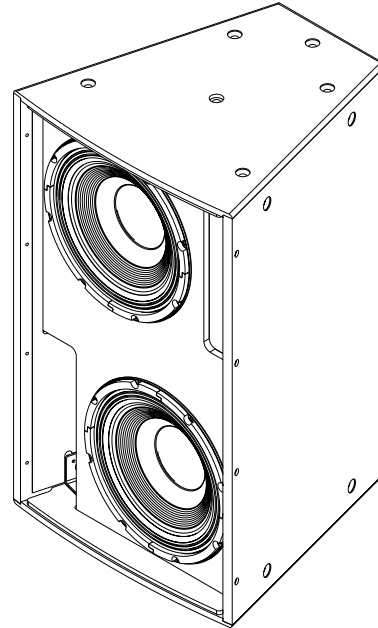
Dual 12"

Front-Loaded Bass Element



Key Features:

- Dual EVS12SB 12" (305 mm) LF transducers
- 100 dB sensitivity, 135 dB maximum SPL
- System rating: 800 W continuous, 3200 W peak
- (22) M10 threaded suspension points
- PI and FG versions available with gland nut and stainless-steel grille



General Description:

The Electro-Voice EVF-2121S is a high-power, front-loaded bass element that can be used in a variety of applications where high-quality sound reinforcement is required in a lightweight package.

The EVF-2121S utilizes two EVS12SB 12" woofers, developed using FEA optimization for motor, suspension, and electrical design to ensure very low distortion and maximum intelligibility at high SPL.

The EVF-2121S's features make it a professional loudspeaker for any fixed install application. The trapezoidal enclosure is constructed of weather resistant birch, and coated with EVCoat™ for protection from the elements. For maximum protection against extreme outdoor elements, a fully-weatherized fiberglass version is available. The unique acoustic and rigging design allows for vertical and horizontal clusters to be built using any combination of loudspeakers from the entire EVF and EVH series. With an assortment of full-range, low-frequency, and subwoofer loudspeakers available, you have the tools to maximize flexibility of system design, no matter what the application or budget. The innovative input panel provides a choice of Phoenix-style connector (included in all standard models) or the ability to add a dual NL4-type connector cover plate or gland-nut cover plate (for weatherizing applications). An externally accessible jumper selects passive or active operation. An available 70.7/100-V transformer kit may be easily mounted to the input panel for use in distributed systems. All these features give you the flexibility to address a large range of venues, quickly and precisely supporting customer requirements with fewer items in inventory.

Technical Specifications:

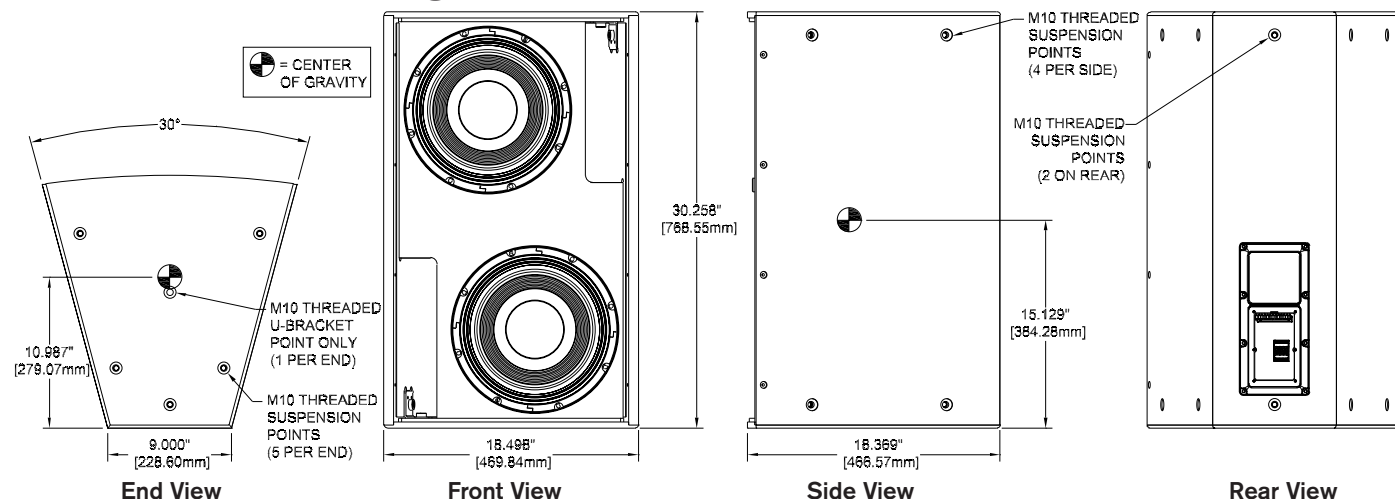
Freq. Response ¹ (-3 dB):	54 Hz - 145 Hz	
Freq. Range ¹ (-10 dB):	41 Hz - 330 Hz	
Rec. High-Pass Frequency:	45 Hz	
Axial Sensitivity ¹ :	100 dB (1 W/1 m)	
Max. Calculated SPL ¹ :	135 dB	
Horizontal Coverage:	Omnidirectional	
Vertical Coverage:	Omnidirectional	
Power Handling ² :	800 W continuous, 3200 W peak	
LF Transducers:	Dual EVS12SB, 12" (305 mm) drivers	
Impedance:	4 ohms (nominal), 2.8 ohms (min.)	
Connectors:	Dual 4-pin 10 AWG Phoenix/ EuroBlock screw-terminals	PI/FG Versions - CDG gland-nut input panel cover included
Enclosure:	13-ply weather- resistant birch with EVCoat™	FG Version - 13-ply weather- resistant birch with fiberglass finish
Grille:	16 GA powder- coated galvanneal with rotatable logo	PI/FG Versions - Stainless steel with hydrophobic cloth
Environmental:	IEC 60529 IP55 for PI and FG versions	
Suspension:	(22) M10 threaded suspension points	
Dimensions (H x W x D):	30.26" x 18.50" x 18.37" (768.6 mm x 469.8 mm x 466.6 mm)	
Net Weight:	82.4 lb (37.4 kg)	
Shipping Weight:	92.7 lb (42.1 kg)	

¹ Half-space measurement.

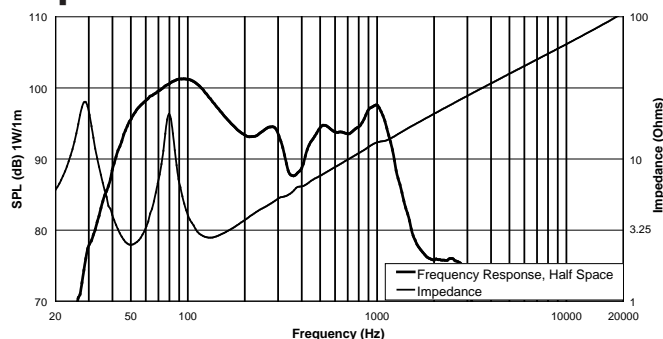
² AES-1984, tested for eight hours.



Dimension Drawings:



Frequency Response & Impedance:



CAUTION

This EVF Loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the *EVF/EVH User Manual* and possible manual update notices. This system should be suspended with certified rigging hardware by an authorized rigging professional and in compliance with local, state, and federal overhead suspension ordinances.

Performance Match

- | | |
|--------------|--|
| PRD000288 | EVF-1122D/64, 60° x 40° coverage |
| PRD000289 | EVF-1122D/66, 60° x 60° coverage |
| PRD000290 | EVF-1122D/94, 90° x 40° coverage |
| PRD000291 | EVF-1122D/96, 90° x 60° coverage |
| PRD000292 | EVF-1122D/99, 90° x 90° coverage |
| PRD000293 | EVF-1122D/126, 120° x 60° coverage |
| PRD000294 | EVF-1152D/43, 40° x 30° coverage |
| PRD000295 | EVF-1152D/64, 60° x 40° coverage |
| PRD000296 | EVF-1152D/66, 60° x 60° coverage |
| PRD000297 | EVF-1152D/94, 90° x 40° coverage |
| PRD000298 | EVF-1152D/96, 90° x 60° coverage |
| PRD000299 | EVF-1152D/99, 90° x 90° coverage |
| PRD000302 | EVF-2151D, dual 15" bass element |
| PRD000303 | EVH-1152D/43, coaxial 40° x 30° coverage |
| PRD000304 | EVH-1152D/64, coaxial 60° x 40° coverage |
| PRD000305 | EVH-1152D/66, coaxial 60° x 60° coverage |
| PRD000306 | EVH-1152D/94, coaxial 90° x 40° coverage |
| PRD000307 | EVH-1152D/96, coaxial 90° x 60° coverage |
| PRD000308 | EVH-1152D/99, coaxial 90° x 90° coverage |
| CPS2.9 120V | CPS2.9, 120V power amplifier, 2 x 900W |
| CPS2.12 120V | CPS2.12, 120V power amplifier, 2 x 1200W |
| D170469 | CPS4.5, 120V power amplifier, 4 x 500W |
| D170466 | CPS4.10, 120V power amplifier, 4 x 1000W |

EVF-2121S Part Numbers

- PRD000300-001 EVF-2121S-BLK, black finish
- PRD000300-002 EVF-2121S-WHT, white finish
- PRD000300-003 EVF-2121S-PIB, black, weather resistant
- PRD000300-004 EVF-2121S-PIW, white, weather resistant
- PRD000300-005 EVF-2121S-FGB, black, weather resistant fiberglass
- PRD000300-006 EVF-2121S-FGW, white, weather resistant fiberglass

Accessories

- ACC000084-000 CDNL4, cover plate, dual NL4
- ACC000085-000 CSG, cover plate, single gland nut
- ACC000086-000 CDG, cover plate, dual gland nut
- ACC000087-000 TK-150, 70V transformer, 150W
- ACC000089-001 HRK-1B, horiz. rigging kit, EVF, black
- ACC000089-002 HRK-1W, horiz. rigging kit, EVF, white
- ACC000090-001 HRK-2B, horiz. rigging kit, EVF-SUB, black
- ACC000090-002 HRK-2W, horiz. rigging kit, EVF-SUB, white
- ACC000092-001 VRK-1B, vert. rigging kit, EVF, black
- ACC000092-002 VRK-1W, vert. rigging kit, EVF, white
- ACC000093-001 VRK-2B, vert. rigging kit, EVF-SUB, black
- ACC000093-002 VRK-2W, vert. rigging kit, EVF-SUB, white
- ACC000100-001 EVF-UB-BLK, u-bracket kit, EVF, black
- ACC000100-002 EVF-UB-WHT, u-bracket kit, EVF, white

Electro-Voice

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www.electrovoice.com

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07/2010

Part Number LIT000465000 Rev A

U.S.A. and Canada only. For customer orders, contact Customer Service at:
800/392-3497 Fax: 800/955-6831

Europe, Africa, and Middle East only. For customer orders, contact Customer Service at:
+ 49 9421-706 0 Fax: + 49 9421-706 265

Other International locations. For customer orders, Contact Customer Service at:
+ 1 952 884-4051 Fax: + 1 952 887-9212

For warranty repair or service information, contact the Service Repair department at:
800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.