

Key Features:

- EVS18SB 18" (457mm) LF Transducer
- 99 dB Sensitivity, 131 dB Maximum SPL
- System Rating: 400W Continuous, (1600W Peak)
- (28) M10 Threaded Suspension Points



General Description:

The Electro-Voice® EVF-1181S 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-1181S utilizes the EVS18SB 18" woofer used FEA optimization for motor, suspension, and electrical design for very low distortion and maximum intelligibility at high SPL levels.

The EVF-1181S features make it a professional loudspeaker for any fixed install application. The trapezoidal enclosure is constructed out of weather resistant birch, and coated with EVCoat™ for maximum protection from the elements. The unique acoustic and rigging design allows for vertical and horizontal clusters to be built using any combination of loudspeakers from the entire EVF & EVH Series, with an assortment of Full-Range, Low Frequency and Subwoofer loudspeakers, it gives you the tools to maximize flexibility of system design, no matter what the application and budget. The innovative input panel provides 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 available 70.7/100 Volt transformer kit simply mounts to the input panel for use in distributed systems. All these features give you the flexibility to do a large range of venues with fewer items in inventory and quickly support your customer's requirements.

Technical Specifications:

Freq. Response ¹ (-3 dB):	35 Hz - 100 Hz	
Freq. Range ¹ (-10 dB):	28 Hz - 650 Hz	
Rec. Hipass Frequency:	33 Hz	
Axial Sensitivity ¹ :		
Max. Calculated SPL ¹ :		
Horizontal Coverage:	Omnidirectional	
Vertical Coverage:	Omnidirectional	
Power Handling:	400W Continuous, 1600W Peak	
LF Transducer:	EVS18SB, 18 in (457mm) Driver	
Nominal Impedance:		
Minimum Impedance:		
Connectors:	(2) 4 Contact 10 AWG Phoenix/ EuroBlock Style Screw Terminal	PI Version - Gland Nut with Included Input Panel Cover
Enclosure Material:	13 Ply Weather Resistant Birch	
Grille:	16 GA Galva- nneal, Powder- coat, with Rotat- able Logo	PI Version - Stainless Steel with Hydrophobic Cloth
Suspension:	(28) M10 Threaded Points	
Dimensions (H x W x D):	30.26" x 26.60" x 28.60" (768.6mm x 675.6mm x 726.4mm)	
Net Weight:	101.2 lbs (46.0 kg)	
Shipping Weight:	114.7 lbs (52.1 kg)	

¹ Half Space Measurement.





Dimension Drawings:



Frequency Response & Impedance:



Performance Match

Performance	Match
 PRD000199 	EVF-1122S/64, 60° x 40° Coverage
 PRD000200 	EVF-1122S/66, 60° x 60° Coverage
 PRD000201 	EVF-1122S/94, 90° x 40° Coverage
 PRD000202 	EVF-1122S/96, 90° x 60° Coverage
 PRD000203 	EVF-1122S/99, 90° x 90° Coverage
 PRD000204 	EVF-1122S/126, 120° x 60° Coverage
 PRD000205 	EVF-1152S/43, 40° x 30° Coverage
 PRD000206 	EVF-1152S/64, 60° x 40° Coverage
 PRD000207 	EVF-1152S/66, 60° x 60° Coverage
 PRD000208 	EVF-1152S/94, 90° x 40° Coverage
 PRD000209 	EVF-1152S/96, 90° x 60° Coverage
 PRD000210 	EVF-1152S/99, 90° x 90° Coverage
 PRD000211 	EVF-1121S, 12" Bass Element
 PRD000212 	EVF-1151S, 15" Bass Element
 PRD000214 	EVH-1152S/64, Coaxial 60° x 40° Coverage
 PRD000215 	EVH-1152S/66, Coaxial 60° x 60° Coverage
 PRD000216 	EVH-1152S/94, Coaxial 90° x 40° Coverage
 PRD000217 	EVH-1152S/96, Coaxial 90° x 60° Coverage
 PRD000218 	EVH-1152S/99, Coaxial 90° x 90° Coverage
 F.01U.076.843 	CPS2.9, 120V Power Amplifier, 2 x 900W
 F.01U.076.844 	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

Electro-Voice[®]

12000 Portland Avenue South, Burnsville, MN 55337 Phone: 952/884-4051, Fax: 952/884-0043

www.electrovoice.com

© Bosch Communications Systems 09/2009 Part Number LIT000291000 Rev A This EVF Loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the *EVF 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.

EVF-1181S Part Numbers

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•	PRD000213-001	EVF-1181S-BLK, Black Finish
•	PRD000213-002	EVF-1181S-WHT, White Finish
•	PRD000213-003	EVF-1181S-PIB, Black, Weather Resistant
•	PRD000213-004	EVF-1181S-PIW, White, Weather Resistant
•	PRD000213-005	EVF-1181S-FGB, Black, Weather Resistant
		Fiberglass
•	PRD000213-006	EVF-1181S-FGW, White, Weather Resistant
		Fiberglass

Accessories

 ACC000084-000 ACC000085-000 	CDNL4, Cover Plate, Dual NL4 CSG, Cover Plate, Single Gland Nut
 ACC000086-000 	CDG, Cover Plate, Dual Gland Nut
 ACC000087-000 	TK-150, 70V Transformer, 150W
 ACC000090-001 	HRK-2B, Horiz. Rigging Kit, EVF-SUB, Black
 ACC000090-002 	HRK-2W, Horiz. Rigging Kit, EVF-SUB, White
 ACC000091-001 	HRK-3B, Horiz. Rigging Kit, EVH, Black
 ACC000091-002 	HRK-3W, Horiz. Rigging Kit, EVH, White
 ACC000093-001 	VRK-2B, Vert. Rigging Kit, EVF-SUB, Black
 ACC000093-002 	VRK-2W, Vert. Rigging Kit, EVF-SUB, White
 ACC000094-001 	VRK-3B, Vert. Rigging Kit, EVH, Black
 ACC000094-002 	VRK-3W, Vert. Rigging Kit, EVH, White

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

- Other Internatonal 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

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