

MTL-1X
**Dual 18" Low-Frequency
Horn-Loaded Sub-Scoop™
Loudspeaker System**



Key Features:

- **Dual Horn-Loaded EVX-180B 18" LF Transducers for Reliable, Extended Low Frequency Output**
- **1200W Continuous (4800W Peak) Power Handling**
- **High-Efficiency Sub-Scoop™ Design**
- **Horn Loading Provides Increased Throw**
- **Rugged, Road-Ready Cabinet with Metal Grille and Black Carpet Finish**
- **Neutrik Speakon® Inputs**
- **Rear Casters for Improved Portability**



General Description:

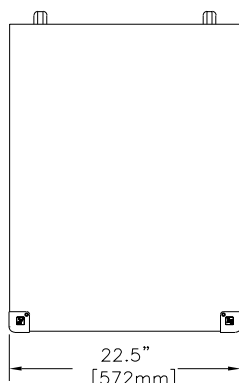
The Electro-Voice® MTL-1X is a 1,200-watt subwoofer loudspeaker system which combines the attributes of both horn-loaded and vented box designs. The MTL-1X design utilizes the unique double SubScoop™ cabinet construction with two EVX-180B woofers, as used in X-Array™ concert systems. The design behaves like a horn over much of its range, but without the time delay and weight problems usually associated with conventional designs. Vented-box principles take over for the lowest octave and assist in producing exceptionally high levels of clean, punchy bass from a modest-sized box. The reverse woofer orientation has been used to optimize the rear chamber volume and decrease the horn flare rate for extended low end performance. When used with the MTH-1 mid/high module, the MTL-1X provides high-output sound reinforcement for clubs, large halls, or outdoor events in a compact package which can be moved easily by a two-person crew. Although the MTL-1X was designed for use with the MTH-1 system, it may be used to augment the bass performance of any Electro-Voice stage system.

Technical Specifications:

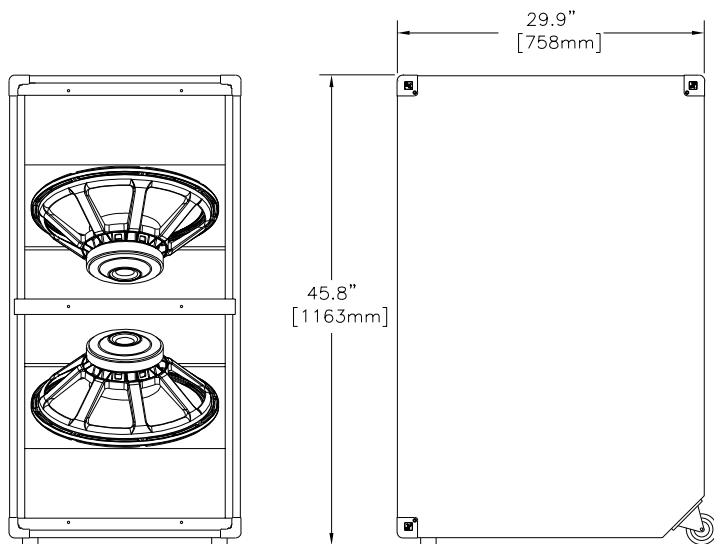
Freq. Response ¹ (-3 dB):	52 Hz - 160 Hz
Freq. Range ¹ (-10 dB):	46 Hz - 200 Hz
Axial Sensitivity:	101 dB (1W/1m)
Max Calculated SPL ¹ :	138 dB
Horizontal Coverage:	Omnidirectional
Vertical Coverage:	Omnidirectional
Rated System Power:	1200W Continuous, 4800W Peak
LF Transducers:	(2) EVX-180B, 18 in. (457mm) Drivers
Recommended Crossover Frequency:	80 Hz - 160 Hz
Nominal Impedance:	4 Ohms
Connectors:	(2) Neutrik Speakon NL4's
Enclosure Material:	3/4" Plywood with Black Carpet
Grille:	Polyester Powder Coated, Full-Length Steel with Rotatable Logo
Dim (H x W x D):	1163mm x 572mm x 758mm (45.8" x 22.50" x 29.85)
Net Weight:	75.0 kg (165 lbs)
Shipping Weight:	86.4 kg (190 lbs)

¹ Half Space measurement.

Dimension Drawings:



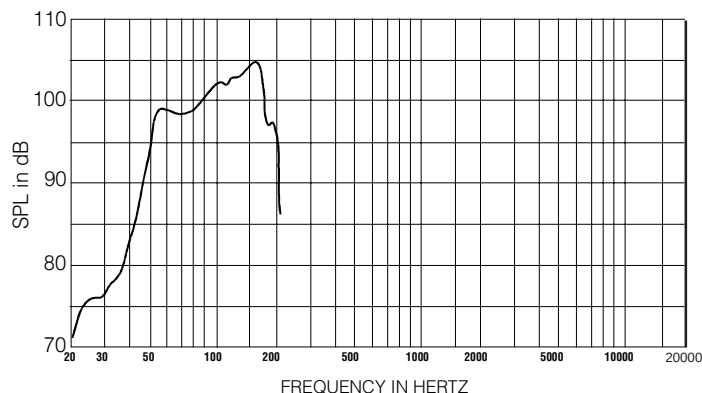
Top View



Front View

Right View

Frequency Response:



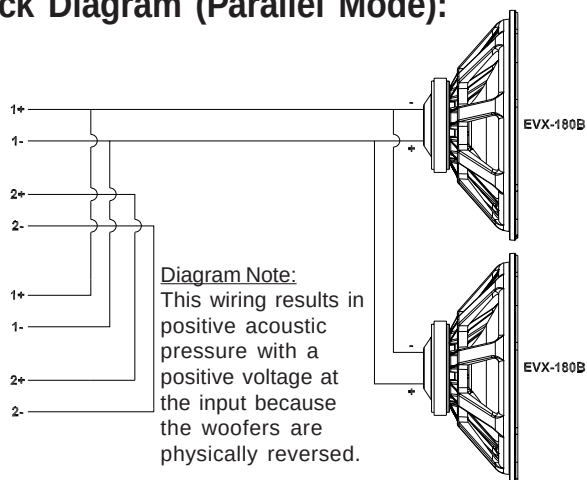
MTL-1X Part Number

- 1109-3088 MTL-1X, Dual 18" Subwoofer, Black

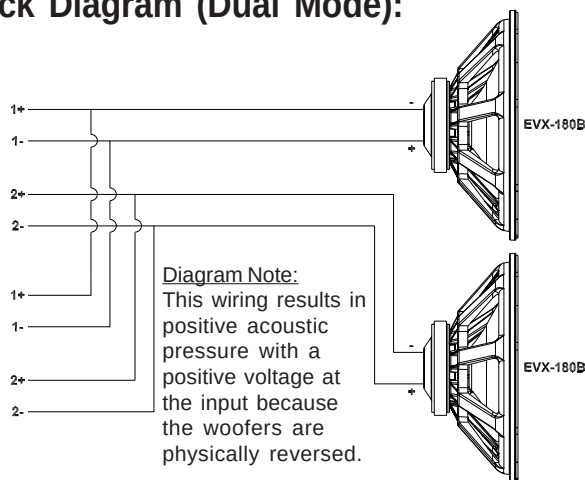
Performance Match

- D170401 CP4000S, 120V, 1400W x 2, Compact Precision Series Amplifier
- D170312 CP3000S, 120V, 1100W x 2, Compact Precision Series Amplifier
- D170348 DX38, Digital Loudspeaker Processor

Block Diagram (Parallel Mode):



Block Diagram (Dual Mode):



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www.electrovoice.com

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Part Number 534861 Rev. B

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: + 1 952 736-4212

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.