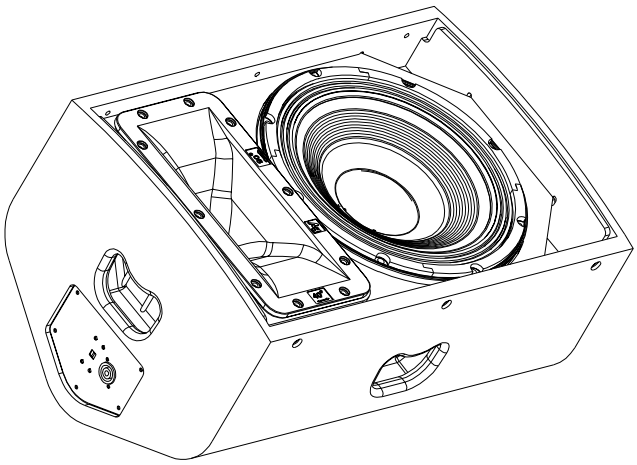
PHOENIX
ELECTRO-VOICE MANIFOLD TECHNOLOGY

PX1122M

12" Two-Way Dual Manifolded HF 90° x 45° Full Range Loudspeaker System

Key Features:

- Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers
- DVX3121 12" LF Transducer with Forced Air Cooling
- Very High Sensitivity, 132 dB Maximum SPL
- Ultra-Compact, Low Profile, Multipurpose Design
- 90° x 45° Coverage Pattern
- 600W Continuous (2400W Peak) Power Handling
- Passive/Biamp Selectable
- Integral Rigging Point for PX-SAM Strong Arm
- Pole Mount for Tripod Use



General Description:

The Electro-Voice® PX1122M is a versatile fullrange, 2-way floor monitor loudspeaker system that is part of the Electro-Voice® Phoenix Series and is intended for high output sound reinforcement in a large range of portable sound applications. The PX1122M is capable of being configured as either passive or biamp, and can be used fullrange for stage monitor applications or used with a subwoofer as a very compact system with extended low frequency capability.

The PX1122M uses the DVX3121 woofer, a high efficiency 12-inch woofer with forced air cooling. Dual ND2-16 compression drivers are precisely summed in a manifold for increased power handling, maximum SPL, and low distortion. The very low distortion 90° x 45° horn provides optimal coverage in the PX1122M's configurations. The enclosure is constructed of 18-mm, 13-ply plywood, using tongue and groove joints and EVCoat™ for long term durability.

As a stage monitor, the PX1122M provides symetrical left and right 60° monitor angles, and NL4 connectors on each side of the enclosure for connecting multiple monitors. An integrated rigging point allows for installation on a truss using the PX-SAM strong arm accessory.

Preliminary

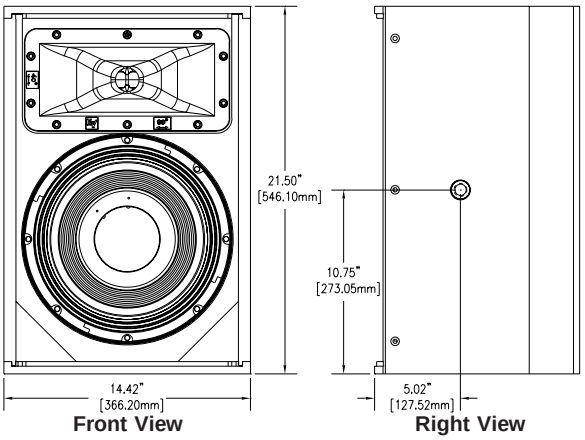
Technical Specifications:

Freq. Response[1] (-3 dB):	70 Hz - 15 kHz
Freq. Range[1] (-10 dB):	55 Hz - 19 kHz
Rec. Hipass Frequency:	50 Hz
Axial Sensitivity[1]:	98 dB (1W/1m)
Max Calculated SPL[1]:	132 dB
Horizontal Coverage:	90°
Vertical Coverage:	45°
Power Handling (Passive):	600W Continuous, 2400W Peak
LF Power Handling (Biamp):	500W Continuous, 2000W Peak
HF Power Handling (Biamp):	80W Continuous, 320W Peak
LF Transducer:	(1) DVX3121, 12 in. (305mm) Driver
HF Transducers:	(2) ND2-16, 2 in. (50mm) Diaphragm Compression Drivers
Crossover Frequency:	1400 Hz
Impedance (Passive):	8 Ohms Nominal
LF Impedance (Biamp):	8 Ohms Nominal
HF Impedance (Biamp):	8 Ohms Nominal
Connectors:	(3) Neutrik Speakon NL4's
Enclosure Material:	18mm Plywood with Black EVCoat™
Suspension:	Rigging Point for PSA-V Strong Arm Accessory
Grille:	Polyester Powder Coated, 16GA Galvanized Steel, with Rotatable Logo
Dim (H x W x D):	546mm x 366mm x 305mm (21.50" x 14.42" x 12.04")
Net Weight:	23.1 kg (51 lbs)
Shipping Weight:	25.2 kg (56 lbs)

[1] Half Space measurement.

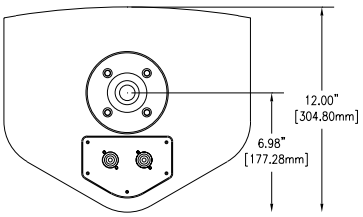
Electro-Voice®

Dimension Drawings:



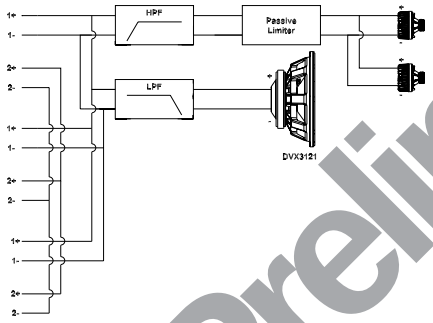
Front View

Right View

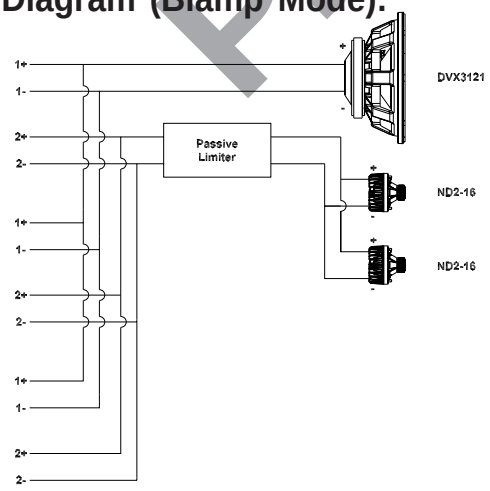


Bottom View

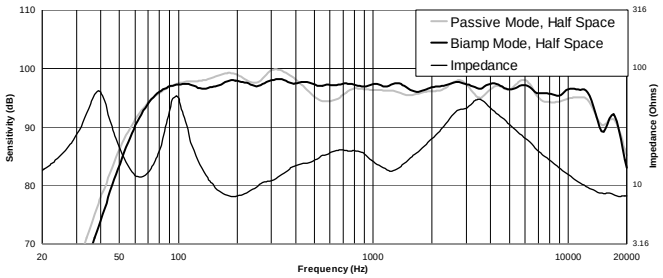
Block Diagram (Passive Mode):



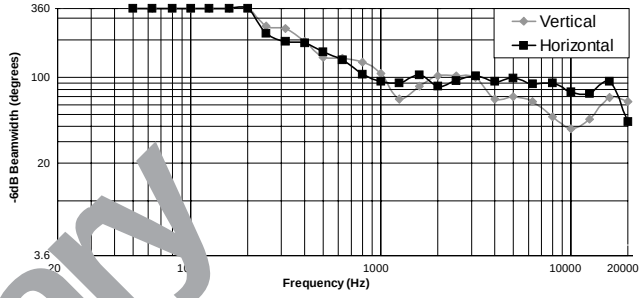
Block Diagram (Biamp Mode):



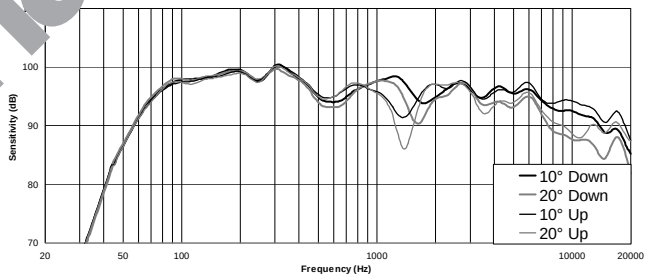
Frequency Response & Impedance:



Beamwidth:



Frequency Response, Off-Axis:



PX1122M Part Number

- 302017-001 PX1122M, 90° x 40° Horn, Black Finish

Performance Match

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

Accessories

- ACC000007001 PX-SAM, Strong-Arm Mount, Black
- D112941 Truss Clamp (Requires Suspension Arm)

⚠ CAUTION ⚠

This PX1122M Loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified. 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.

Preliminary

Electro-Voice®

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

Specifications subject to change without notice.