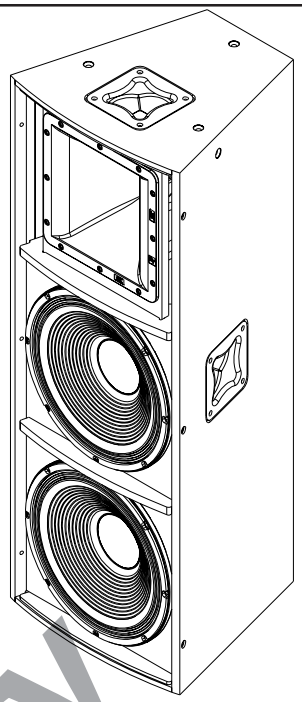
PHOENIX
ELECTRO-VOICE MANIFOLD TECHNOLOGY

PX2152

15” Two-Way Dual Manifolded HF 60° x 45° Fullrange Loudspeaker System

Key Features:

- **Dual ND2 2" Voice Coil, 1" Exit Neodymium Compression Drivers**
- **Dual DVX3150 15" LF Transducers with Forced Air Cooling**
- **High Sensitivity, 136 dB Maximum SPL**
- **60° x 45° Rotatable Coverage Pattern**
- **1200W Continuous (4800W Peak) Power Handling**
- **Passive/Biamp Selectable**
- **Integral Points for eyebolts or optional Rigging Kit**
- **Arrayable**



General Description:

The Electro-Voice® PX2152 is a high efficiency 2-way loudspeaker system that is part of the Electro-Voice® Phoenix Series and is intended for high output sound reinforcement in fixed-installation and portable sound applications. The PX2152 is capable of being configured as either passive or biamp, and used fullrange or with a subwoofer for LF extension.

The PX2152 uses two DVX3150 woofers, a high output 15-inch woofer with forced air cooling, in a vented enclosure. HF is delivered by dual ND2-16 compression drivers precisely summed in a manifold for increased power handling, maximum SPL, and low distortion. The very low distortion 60° x 45° horn provides the optimal coverage for medium throw, and is rotatable. Designed to be used as array elements, two PX2152's can be arrayed together for 120° of horizontal coverage in the standard configuration, or 90° if the horns are rotated. The enclosure is constructed of 18-mm, 13-ply plywood, using tongue and groove joints and EVCoat for long term durability.

The PX2152 is designed as a full range loudspeaker, and can be used with a PX2181 for maximum low frequency output. The enclosure shares the same footprint as other speakers in the Phoenix line for system flexibility.

Preliminary

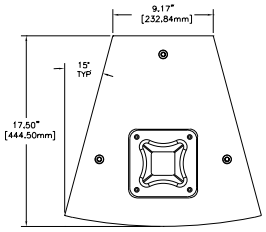
Technical Specifications:

Freq. Response[1] (-3 dB):	60 Hz - 11 kHz
Freq. Range[1] (-10 dB):	50 Hz - 18 kHz
Rec. Hipass Frequency:	40 Hz
Axial Sensitivity[1]:	99 dB (1W/1m)
Max Calculated SPL[1]:	136 dB
Horizontal Coverage:	60°, or 45°
Vertical Coverage:	45°, or 60°
Power Handling (Passive)	1200W Continuous, 4800W Peak
LF Power Handling (Biamp):	1000W Continuous, 4000W Peak
HF Power Handling (Biamp):	80W Continuous, 320W Peak
LF Transducer:	(2) DVX3150, 15 in. (381mm) Driver
HF Transducers:	(2) ND2-16, 2 in. (50mm) Diaphragm Compression Drivers
Crossover Frequency:	1600 Hz
LF Impedance:	4 Ohms Nominal
HF Impedance:	8 Ohms Nominal
Connectors:	(2) Neutrik Speakon NL4's
Enclosure Material:	18mm Plywood with Black EVCoat™
Suspension:	(8) M10 Points - (6) on Top and (2) on Bottom of Enclosure
Grille:	Polyester Powder Coated, 16GA Galvanized Steel, with Rotatable Logo
Dim (H x W x D):	1219mm x 457mm x 445mm (48.00" x 18.00" x 17.50")
Net Weight:	45.6 kg (100.5 lbs)
Shipping Weight:	47.85 kg (105.5 lbs)

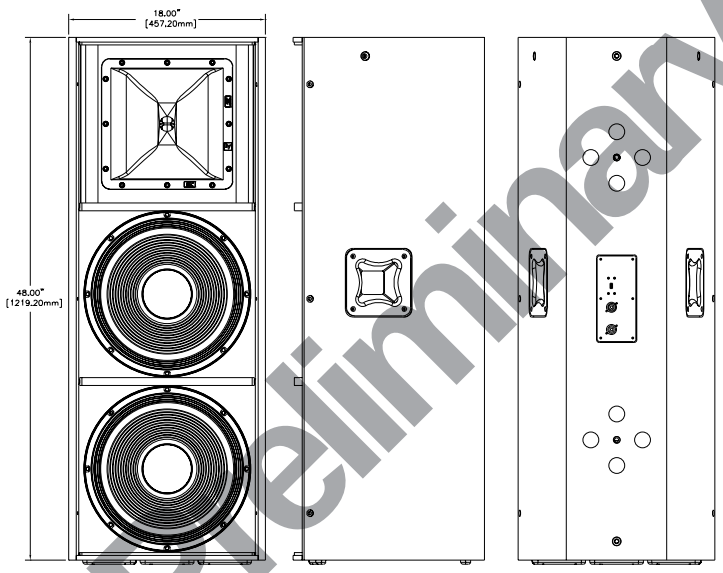
[1] Half Space measurement.

Electro-Voice®

Dimension Drawings:

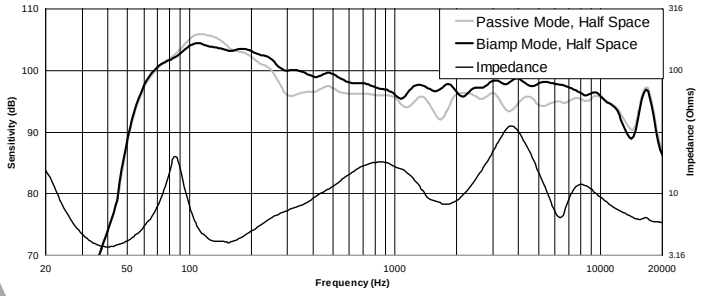


Top View

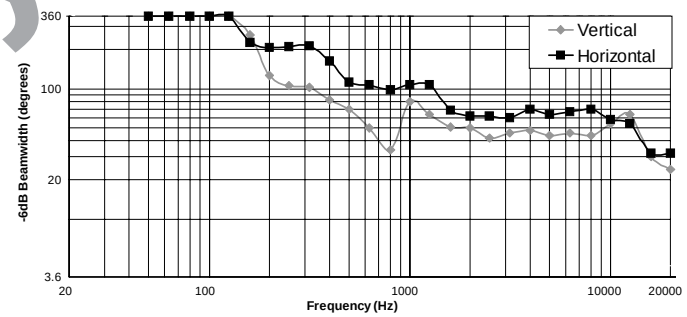


Front View Right View Rear View

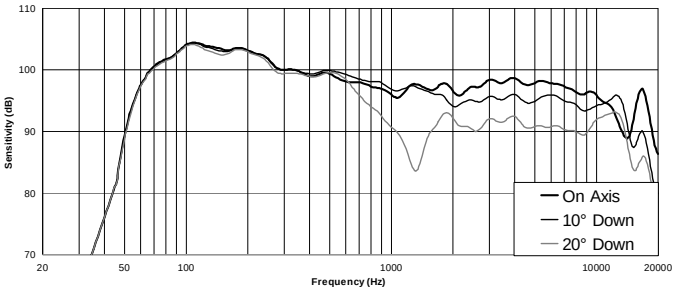
Frequency Response:



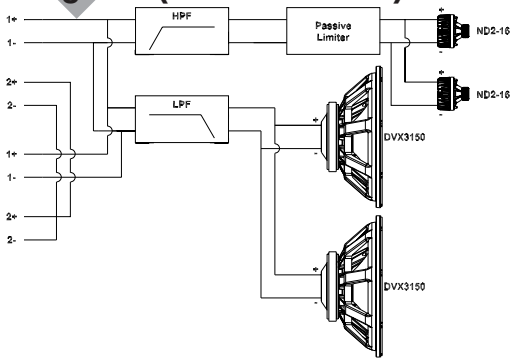
Beamwidth:



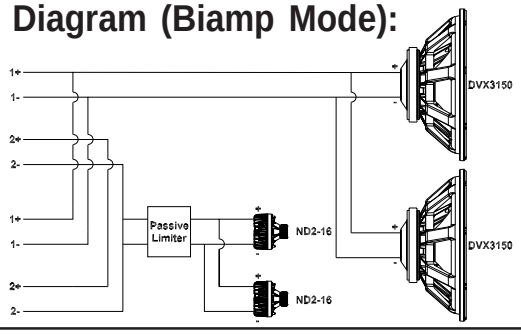
Frequency Response, Off-Axis (Down):



Block Diagram (Passive Mode):



Block Diagram (Biamp Mode):



PX2152 Part Number

- 302011-001 PX2152, 60° x 45° Horn, Black Finish

Performance Match

- 302015-001 PX2181, 18" Subwoofer, Black Finish
- D170401 CP4000S, 120V, 1400W x 2, Compact Precision Series Amplifier
- D170348 DX38, Digital Loudspeaker Processor

Accessories

- ASY000003-001 EBK-M10, Forged M10 Eyebolt Kit, Set of Three
- ASY000005-001 PX-D1, Dolly Kit for PX2122 and PX2152
- ASY000006-001 PX-G1, Phoenix Grid for PX2122 and PX2152

⚠ CAUTION ⚠

This PX2152 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®
12000 Portland Avenue South, Burnsville, MN 55337
Phone: 952/884-4051, Fax: 952/884-0043
www.electrovoice.com
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Specifications subject to change without notice.