



Product Technical Data Sheet

**Model 2403**

Description

The 2403 is a high quality dual 4.5" two-way design. It serves as a multipurpose box that offers solutions for fill coverage and monitoring.

The 2403's dual woofers and 3 inch ribbon share the same bolt patterns so they are interchangeable for creating different baffle mounting configurations. The ribbon driver is also rotatable to change the coverage of the system.

An audiophile grade crossover aids the components in delivering smooth response and consistent polar patterns.



Key Features:

- 3" high frequency ribbon delivers unsurpassed sound quality
- Open and clear sound at high SPL due to advanced transducer technology
- Rigging points for U-brackets to facilitate vertical or horizontal yoke mounting on 16" stud centers.
- 90 degree wide horizontal coverage with rotatable ribbon
- Optional 30-Watt internal 70V transformer

Product Specifications	
Operating Range <sup>1</sup>	100Hz - 20,000Hz
Sensitivity (1W/1M) <sup>2</sup>	91dB
Horizontal Coverage Angle -6dB <sup>3</sup>	90 Degrees
Vertical Coverage Angle -6dB <sup>3</sup>	50 Degrees
Power Handling <sup>4</sup>	80W RMS (18 Volts) AES/2
Max SPL (calculated) 1 Meter	110dBCont. / 116dB Peak
Recommended Amp Power for Max Output	160 Watts @ 4 Ohms
Nominal Impedance	4 Ohms
Crossover Frequency	Internal Passive 2300Hz
Transducers - Low Freq.	4.5" Bass/Midrange x2
High Freq.	3" Ribbon
Input	Terminal Strip
Dimensions	16.75" (42.4cm) H 6.95" (17.6cm) W 6.13" (15.6cm) D
Enclosure	MDF
Weight	13lbs (6.1kg) Shipping 18lbs (8kg)
Rigging	4 Points 1/4"/20 Threaded Inserts
Optional Accessories	Internal 30Watt 70V Transformer
Finish Options	Black Latex White Latex Paintable Natural Finish

**Applications**

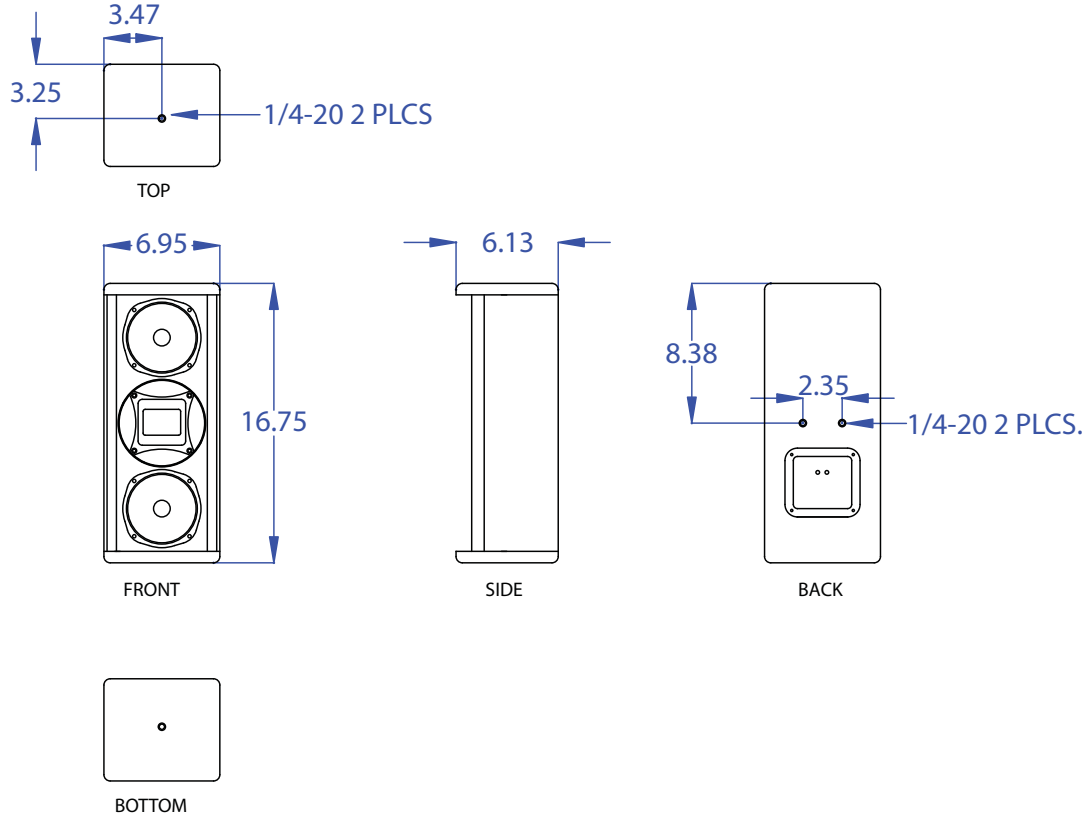
Developed for a wide range of professional applications where the highest quality and intelligibility of sound is required

- Underbalcony
- Choir Monitoring
- Front Fill
- Home Theater surround systems
- Home Theater Center Channel

1. LF at -10dB, HF -6dB at 25kHz on-axis however response above 20kHz is limited by air absorption and DSP sampling rates in typical PA applications.  
 2. Full bandwidth pink noise is applied and amplified to a level and measured at the loudspeaker terminals - corresponding to 1 Watt as referenced to the loudspeakers nominal impedance. SPL is measured in an anechoic environment in the loudspeakers far field. Data is extrapolated to 1 Meters distance from the loudspeaker.  
 3. Averaged from 1000Hz to 10kHz  
 4. AES established with ambient temperature at 22C in accordance with AES/2-1984 standard. IEC stated in RMS voltage according to IEC 268-5



# 2403 Drawings



# Polars

