



Overview

Yorkville Sound's Paraline Series active full range loudspeaker system delivers the clarity and precision of a complex line array system in a compact, user friendly format. Innovative cabinet design uses Yorkville Sound's proven Paraline high frequency lens technology pioneered in our flagship VTC Elevation Series line array cabinets.

Two 1.75-inch compression drivers mounted to the patented Paraline lens delivers a focused 15-degree vertical dispersion and wide 110 degree horizontal coverage. Four high quality 6-inch woofers provide a tight and ultra responsive low frequency program.

Ideal for mobile PA applications in venues where access to complex trussing or roof hangs isn't practical, the Yorkville PSA1 cabinet mounts quickly and securely on a typical speaker stand. Innovative dual position stand mount offers two potential cabinet angles for expanded setup options. Up to two PSA1 cabinets can be stacked safely and securely on a single traditional stand.

Optional PSA1 Installation Hardware

Yorkville Paraline Series PSA1 cabinets can be flown in any installation quickly, securely and very cost effectively with the addition of optional flying hardware (PSA1RIGKIT) and a proprietary bumper (PSA1FRAME). The PSA1RIGKIT installs directly to the PSA1 without modification to the cabinet using mounting points integrated in the all-metal aluminum cabinet handles. A maximum of four PSA1 cabinets can be arrayed safely using PSA1RIGKIT assemblies. The entire array can then be safely flown using a single PSA1FRAME bumper.

The PSA1FRAME bumper has several flying points to angle the array in simple two-point hangs. The efficient design allows the PSA1 cabinets to be rigged with the frame kit in the field with a minimum of time and effort. The hardware maintains fixed cabinet to cabinet splay angles for seamless vertical coverage.

The Modular PSA1 system can be configured for optimum coverage in most installations quickly and effectively without complicated hardware, or additional external signal processing making it the most cost effective installation solution delivering the performance of a compact vertical array.

A system comprised of two PSA1 cabinets delivers 30°V x 110°H coverage using two PSA1RIGKITs and one PSA1FRAME. A three cabinet 45°V x 110°H array can be created with the addition of one PSA1 and one additional PSA1RIGKIT. A maximum of four cabinets can be configured for specialized installs where a 60°V x 110°H array may be required.





Features

- Ultra High Performance Compact Active PA System
- Uses Patented Paraline Horn Lens Technology (from the VTC Elevation Series Vertical Array Touring Systems)
- High quality Speaker Components
- Focused 15° Vertical Dispersion for Minimum Interference Between Arrayed Cabinets
- Wide 110° Horizontal Dispersion Pattern
- Manufactured Using Light-weight/Strong ABS Cabinet Material
- Stacks using Standard Speaker Stand on Integrated Dual Angle Stand Mount Adaptor (Maximum Two Cabinets per stand)
- Installation Hardware Available
- Up to Four PSA1 Cabinets Can Be Easily Powered on one 15 Amp Circuit
- Made in Canada





Specifications

Active or Passive	Active
Program Power (Watts)	700 Program (1200 Watts Peak)
Biampable	Biamp
Max SPL (dB)	128dB Peak (125dB Continuous)
Frequency Response (Hz +/- 3dB)	75Hz-20K
Crossover Frequency (Hz)	1.2K
Driver Configuration	2x1", 4x6"
HF Driver(s)	2x1-inch Ceramic w/ 1.75-inch VoiceCoil
HF Program Power (Watts)	75 Watts (200 Watts Peak)
HF Dispersion (°H x °V)	110x15
HF Protection	Peak and Average Limiting
LF Driver(s)	4x6-inch neo with 45mm VC
LF Program Power(Watts)	675 Watts Program (1000 Watts Peak)
LF Impedance (Ohms)	2 Ohm Load
LF Protection	Excursion, RMS
HF Power Amplifier (Watts)	75W
HF Amplifier Type	2-Tier Class H
LF Power Amplifier (Watts)	625W
LF Amplifier Type	Class D
Cooling Scheme	Convection
Power Cable	Removable Locking IEC Input and Loop Thru Output
Power Switch	Yes
Power Consumption (typ/max)	135 VA / 225 VA
Inputs	1 Combiack (XLR / 1/4-inch)
Input Sensitivity (Vrms Sine)	Line in 1.4 at center, 0.35 at max
Level Controls	Volume
EQ Controls	HF Boost switch, Fullrange/Sub switch
Limiter	Peak and Average limiting on horn and woofer
LED Indicators	Power, Limit, Clip
Enclosure Materials	Injection Molded ABS
Baffle Material	Injection Molded ABS
Covering / Finish	Paint
Optional Covering / Finishes	Optional Colours available
Dimensions (DWH xbackW, inches)	14.5 x20.5 x16
Dimensions (DWH xbackW, cm)	36.8 x 52.1 x 40.6
Weight (lbs/kg)	52 / 23.6

Specifications subject to change without notice