



SYNERGY

ARRAY SERIES





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OUR MOST POWERFUL AND FLEXIBLE POINT SOURCE SYSTEM

The Synergy Array Series is a truly revolutionary active point source system with unmatched flexibility, power, and directivity control. The Synergy System offers users unrivaled simplicity without sacrificing sonic performance.

The Synergy Array Series consists of the SA153 full-range powered cabinet, along with the SA315S powered subwoofer. This dynamic duo makes the ultimate point source speaker system scale able for club gigs of all sizes, outdoor festivals, inclined seating venues, and arenas. Never before has a large point source system with this much output and sound quality been this easy to set up and use.

SA153

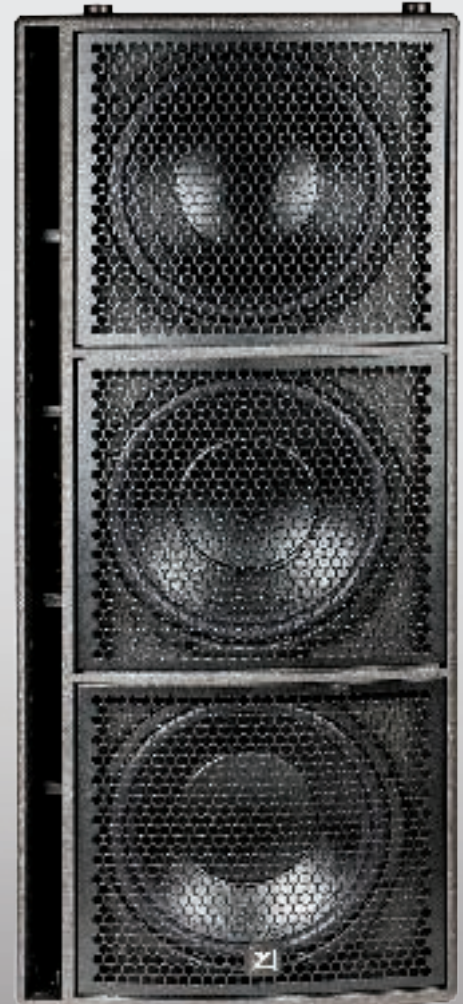
ACTIVE LOUDSPEAKER

- 3-way full-range powered speaker – 2600 watts (program), 5000 watts (peak)
- 1 x 15-inch LF woofer, 1 x MF/HF Co-ax Compression Driver
- Incorporates Tom Danley's patented Paraline Lens and Synergy Horn technologies
- Exceptionally high output and pristine clarity
- Simple and secure rigging hardware
- Extremely well controlled coverage pattern
- Measured MAX SPL (C-Weighted, Max Hold): 131dB continuous, 137dB Peak.
- Frequency Response (Hz +/- 3db): 55Hz-18K
- Dispersion (°H x °V): 22.5° x 45° (Asymmetrical 10° Up, 35° Down)
- Audio Inputs: 1 XLR, 2 x XLR Loops
- AC Connections: 1 In, 1 Loop (Locking Powercon)
- Dimensions (DWH x backW, inches): 24 x 21 x 26.5 x 12.25

SA315S

ACTIVE SUBWOOFER

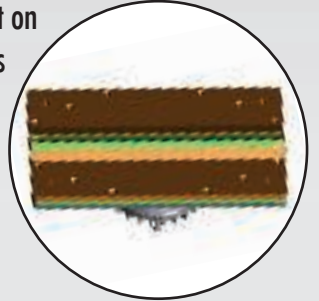
- Bass Reflex Powered Subwoofer: 6500 watts (program), 13,000 watts (peak)
- 3 x 15-inch LF woofers with 3-inch voice coils
- Exceptionally high output and deep bass
- Simple and secure rigging hardware
- Measured Max SPL (C-Weighted, Max Hold): 130 dB measured
- Frequency Response (Hz +/- 3db): 31Hz-100Hz
- Crossover Frequency (Hz): 100 Hz low-pass
- Dimensions (DWH x backW, inches): 24 x 21 x 51.5 x 12.25





Paraline Lens Technology

The unique geometry of the patented Paraline Lens is capable of producing a precisely shaped wave front that matches the horn's physical coverage pattern. It does this while providing a continuous horn throat from cabinet to cabinet on the horizontal plane. This virtually eliminates the comb filtering usually associated with traditionally arrayed cabinets. The Paraline Lens is fed by a high output mid-high driver which results in seamless coupling and a matching coverage pattern.



Synergy Horn Technology

The Synergy Horn configuration of the Paraline Lens coupled with a single 15-inch high output woofer seamlessly couples the output from both drivers while performing as a true point source. The horn utilizes the entire front area of the cabinet maximizing efficiency and directivity control.



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APPLICATIONS

SMALL CLUB

When presented with a narrow and long-throw environment, the Synergy system can switch to a horizontal seating and cover the venue with massive amounts of output without unwanted reflections bouncing around.



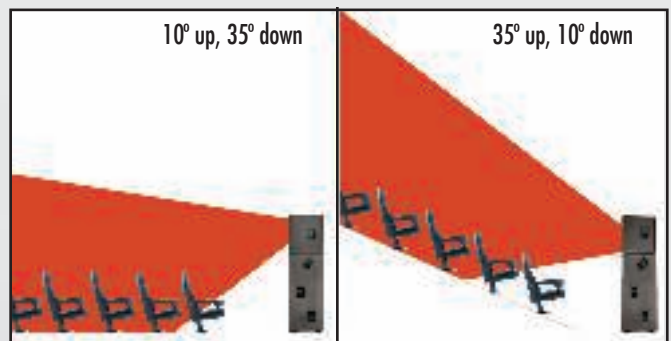
LARGE CLUB

In larger spaces, two-top boxes on their side can be arrayed to create a wide horizontal pattern without sacrificing sonic integrity. The asymmetrical design of the Synergy Horn allows it to be effective in horizontal and vertical orientations to suit your venue.



AMPHITHEATRE SETTING

In an amphitheatre with inclined seating, the Synergy System can adapt to its surroundings. By rotating the SA153 cabinet 180-degrees from top to bottom, users can change the directivity and coverage pattern in mere moments, without the complications of steering software or having to physically tilt the array. The vertical asymmetrical coverage pattern allows maximum versatility to suit the requirements of the venue.



FESTIVAL SETTING

In a festival setting, the Synergy System is flexible and expandable to cover a variety of stage heights and audience sizes. There is virtually no interference between speaker cabinets, so the system grows with you.



**NEVER BEFORE HAS A POWERED POINT SOURCE ARRAY BEEN SO FLEXIBLE AND POWERFUL,
AND NEVER BEFORE HAS A TECHNOLOGICALLY ADVANCED SYSTEM BEEN SO EASY TO USE.**

Specifications on all products subject to change

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