



VARIAi Modular Installation Array Systems are designed to be the most flexible and versatile loudspeakers available. Highly configurable enclosures and ingenious hardware make it easy to tailor each speaker to every application.

Integrating only the highest quality components, VARIAi employs powerful mid/low-frequency woofers and lightweight neodymium Compression Drivers, all coupled to the most advanced cabinet and waveguide designs. The result is a system that delivers the sound and performance you've come to expect from Renkus-Heinz.

With VARIAi's modular approach, cabinets can easily be configured as tightly controlled vertical Modular Point Source Arrays, as powerful horizontal Point Source Loudspeaker Arrays, or as flexible Line Array systems. A wide selection of horizontal coverage angles is available: choose from 60, 90, or 120 degree patterns, or make use of the unique transitional waveguides, progressing from 60 to 90, or 90 to 120 degrees within a single enclosure.

Available as self-powered enclosures or externally amplified, VARIAi's flexibility, power, and performance make it an ideal solution for the most demanding applications.



First Cartersville Church of God, Cartersville, GA, USA

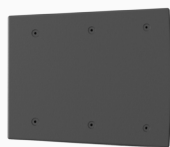


VA/VAX101i & VA/VAX155i

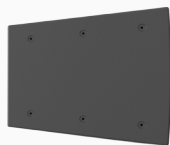


1x VA155i, 3x VA101i-7, 1x VA101i-22
In Line Array Configuration

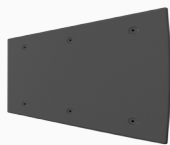
Adaptive Directivity - Ultimate Control



7.5°



15°



22.5°

Vertical Control

3 Cabinet Angles for Vertical Control

7.5° • 15° • 22.5°

5 Waveguide Options for Horizontal Control

60° • 90° • 120°

Standard Waveguides

60° to 90° • 90° to 120°

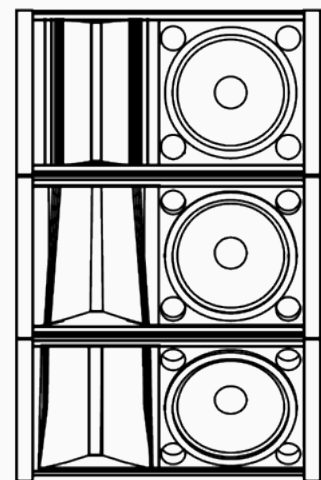
Transitional Waveguides

3 System Configurations

Vertical Modular Point Source Array

Horizontal Modular Point Source Array

Modular Line Array System



Horizontal Control

VARIA Modular Installation Array Technology

VARIAi 101 models are available in 7.5°, 15° and 22.5° versions. Each enclosure's waveguide and cabinet sides are perfectly aligned to provide true point-source performance. Coverage can be easily tailored to meet shape and SPL requirements for every venue. 15° and 22.5° cabinets can be used to cover greater vertical angles while 7.5° cabinets provide tighter control.

VARIAi 22.5° cabinets can also be arrayed in Horizontal clusters, with asymmetric waveguides allowing +30°/-45° of vertical coverage reducing the amount of physical downtilt required. A perfect solution for low ceiling applications where well defined horizontal coverage is a must.

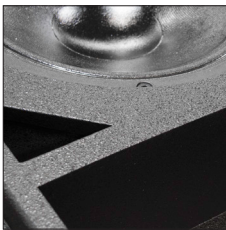
For applications requiring longer throw and tighter vertical control, VARIAi loudspeaker array modules can be configured as a highly flexible line array systems. Up to 12 cabinets can be suspended in a single array, all connected together with durable, safe, integral hardware.



VARIA Horizontal Array, The Gaslamp, Long Beach, CA, USA

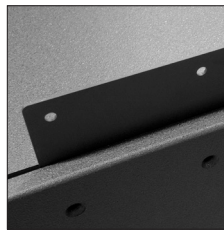
7.5° VARIAi cabinets can be arrayed in 1.5° increments, from a flat-fronted 0° at the top for longer throw, transitioning to a tight-packed 7.5° further down the array. 22.5° cabinets can be easily added to the bottom of the array - ideal for downfill use.

Matching VA/VAX15Si 15" subwoofers can be flown alongside, behind, or at the top of the array, depending on the requirements. Universal hardware allows for cardioid arrays to be assembled as and when the need arises. Simply flip one or more subs within the array and adjust the onboard DSP to provide a highly directional low frequency array.



Manufactured from **High Density Polymer PVC** VARIAi enclosures are inherently weather, flame, UV and chlorine resistant.

VARIAi's tough enclosure's acoustical damping is superior to a typical plywood cabinet resulting in improved LF & HF performance.



Flying and installing VARIAi is simple, safe and hidden from view.

Integral steel hardware built into the enclosure mates with intercabinet connecting plates concealed within the cabinet endcaps ensuring metal-to-metal connectivity throughout the length of the array.

EASE Focus II Simulation Software

VARIA101 DLL data in EASE and EASE Focus II simulation software tools allows users and system designers to quickly and accurately predict the response of the array.

Simply define the audience areas and you can easily position the array, add or remove cabinets, and adjust its height, location and angle until you achieve the desired results in the simulation.

