

ViRAY

Compact, 3-Way Symmetrical
Line Array System



ViRAY is a high-output, compact 3-way line array system designed for wide varieties of applications where high-fidelity sound, even coverage, and outstanding intelligibility is required.

ViRAY incorporates pioneering CODA Audio technologies. Featuring the Dual Diaphragm coaxial Planar wavedriver (DDP) and ViCOUPLER, ViRAY is highly efficient and provides a coherent and uniform wavefront with adjustable dispersion and linear phase response.

The ViRAY system can be arrayed up to 24 units, comprising a compact and scalable line array for medium-sized touring and fixed installations such as theaters, clubs, houses of worship, and corporate events. Rigging and acoustic properties are compatible with the high-power AiRAY line array system, making ViRAY the perfect downfill for larger systems. weight, rigging, flexibility, amplification, and cabling of a compact system with the high SPL and power handling of a large system. A single ViRAY system can be utilized for multiple applications.

ViRAY is a fully-integrated sound reinforcement system including LINUS loudspeaker management amplifiers for DSP control, amplification, audio I/O routing, network remote control, and diagnostics, significantly reducing setup time. The touring package contains transport dollies, rigging accessories, protection covers, and more.

The SC2-F 2 x 15" sensor-controlled bass extension overlaps the low range of ViRAY and paired subwoofers, enhancing the low frequency headroom and increasing the long-throw capability of the system. The SCP and SCV-F sensor-controlled subwoofers provide an extension down to 25 Hz.

ViRAY Features

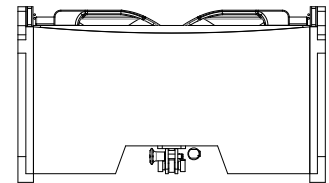
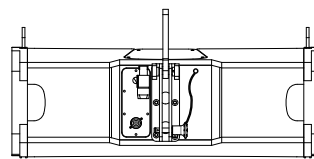
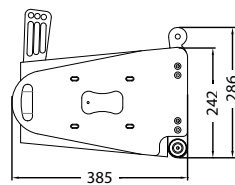
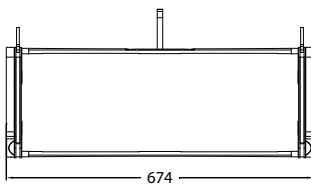
- ⊕ Linear phase response
- ⊕ DDP generates a unified wavefront and operates at a very high efficiency with extremely low distortion
- ⊕ ViCOUPLER ensures a coherent and uniform wavefront for consistent horizontal coverage
- ⊕ Integrated 3-point rigging for flown or ground-stacked arrays compatible with AiRAY, SC2-F, and SCV-F
- ⊕ Variable horizontal coverage of 80°, 120°, or asymmetrical 100° (steered +/- 10° off axis)
- ⊕ Acoustically and rigging compatible with the AiRAY high-output line array system

ViRAY Data Sheet



Product Type	Compact 3-way Bi-amplified line array module
Dimensions (WxHxD):	674 x 242 x 385 mm / 26.54 x 9.53 x 15.16"
Dimensions Including Hardware (WxHxD):	674 x 286 x 385 mm / 26.54 x 11.25 x 15.16"
Net Weight	25.5 kg / 56.22 lb
Frequency Response	55 Hz – 22 kHz (-6 dB)
Power handling AES / peak (passive):	600 W / 2400 W
- Low AES / peak:	600 W / 2400 W
- Mid / High AES / peak:	150 W / 1300 W
Max. peak SPL (with LINUS10):*	142 dB
Dispersion Horizontal:	120°, 80° or 100° 60° + 40° or 40° + 60°
Dispersion Vertical:	0°-10° in 1°-steps"
Components Low frequency:	2x8" Nd woofer, 2" (50.8 mm) VC, 300 W (AES) each
Components Mid/High frequency:	8" coax. Nd Planar-wave- driver Mid: 3.5" (90 mm) VC, 150 W (AES) Hi: 1.75" (44.4mm) VC, 80 W (AES)
Crossover point:	600 Hz passive or bi-amp (internal connector), 6.3 kHz passive
Input Connectors:	2x Neutrik™: 1x Input + 1x Link Cable
Nominal impedance LF / MF+HF:	16 Ω (+1/-1) / 16 Ω (+2/-2) 3-way-passive: 16 Ω (+2/-2)
Enclosure material:	Birch plywood
Suspension	Flying hardware integrated

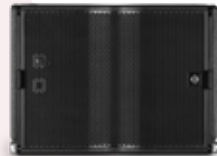
*Measured with pink noise 6 dB crest factor. Half-space loading



Other ViRAY System Products



SCV-F
Compact 18" Sensor
Controlled Subwoofer.



SC2-F
Sensor Controlled
Bass Extension



SCP-F
Sensor Controlled Subwoofer.



LINUS T-RACK
12 Channel Touring Rack

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