



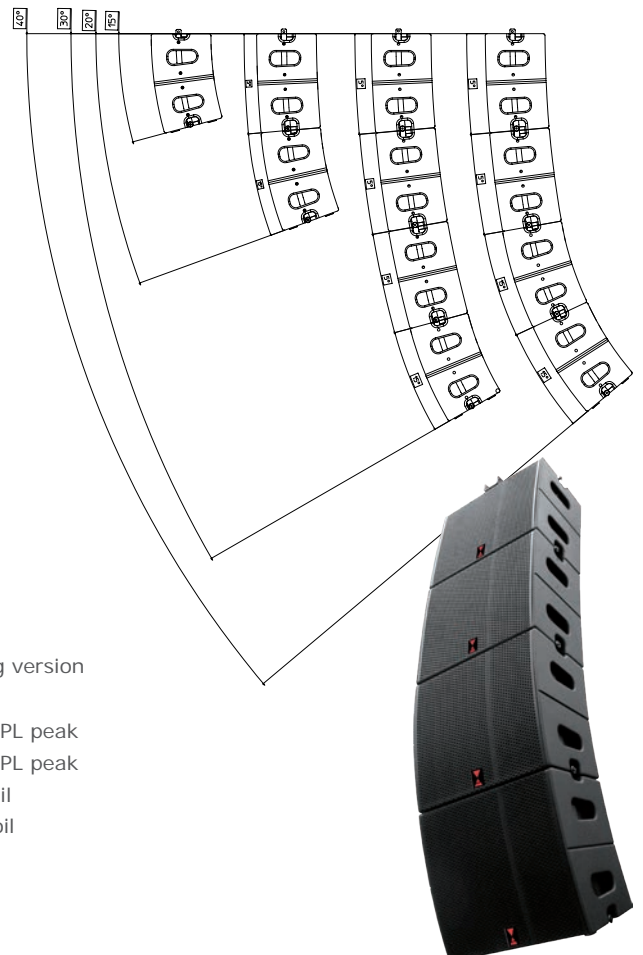
The Ikarray-8 is a novel concept plug&play line-array with incredible power density: 2 x 8" and 4 x 1" drivers are stacked vertically in a compact housing. Few elements of this system are needed to achieve acoustically effective length and great range. It closes the gap between conventional loudspeakers and line-arrays.

Contrary to conventional line-arrays there is no need for the user to deal with simulation software, splay angles, rigging hardware and DSP filters. Ikarray-8 comes precurved and elements are simply connected to each other at fixed angles. For greater flexibility and scalability array elements will be available with 5° x 100° and 15° x 100° directivity pattern. This way, several units can be connected without vertical coverage becoming too big. This results in higher achievable SPL and headroom compared to other constant curved system which are limited to fewer elements. This unique feature is patent pending. Ikarray-8 is suitable not only for smaller venues, but also for medium sized.

The continuous steel rigging system is concealed within the cabinet and there are no protruding metal parts. This imparts the system with an elegant and unobtrusive appearance, suitable for sophisticated demands in mobile and especially installation application. Stacking feet and their corresponding slots allow immediate and easy cabinet alignment and connection via ball lock bolt. 4 handles provide optimum handling. The Ikarray-8 has an innovative flight mechanism that can also be used on a tripod with the optional tripod. In both cases it can be mounted and aligned without tools.

The 8" woofers have been recessed to optimize the time alignment for the passive crossover. On the other hand the recess has been used to provide the woofers with additional horn loading. The horn flare also makes sure that criteria for a coherent wavefront are met by forming a narrow rectangular outlet.

Voice-Acoustic HDSP-Amplifiers and self-powered subwoofers contain presets for all 5° and 15° combinations and guarantee optimum performance. One Ikarray-8 is powered by a single 800 W amplifier channel. This turns Ikarray-8 into one of the most cost-effective systems available.



Frequency range 15°	80 Hz - 18 kHz (- 10 dB) 117 Hz - 16 kHz (+/- 3 dB)
Frequency range 5°	80 Hz - 19 kHz (- 10 dB) 117 Hz - 16 kHz (+/- 3 dB)
Coverage range (h x v)	100° x 15° or 100° x 5° depending on the housing version
Powerhandling 4 Ω	500 W AES / 1.000 W program / 2.000 W peak
Sound pressure 15°	131 dB SPL AES / 134 dB SPL program / 137 dB SPL peak
Sound pressure 5°	133 dB SPL AES / 136 dB SPL program / 139 dB SPL peak
Components	2 x 8" Neodym woofer with 65 mm (2,5") voice coil 4 x 1" Neodym driver with 44 mm (1,75") voice coil
Connectors	2 x Neutrik NL4 Speakon IN and OUT, 1+/-
Mounting	Toolless flight mechanics with tripod option
Dimensions/Weight	465 (h) x 513 (w) x 291 mm (d) / 26,2 kg