

PRELIMINARY

KARA II LONG THROW LINE SOURCE



Part of the K Series, Kara II is a modular line source element designed for production applications beyond 35 m of throw. Assembled as a variable curvature line source with high SPL per line length, Kara II is ideal for applications that require precise vertical control and long-throw capabilities such as performing arts, congregations, large corporate, or special events.

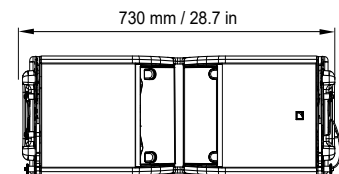
Based on the Kara design, Kara II adds flexibility with Panflex. A single Kara II enclosure offers four horizontal directivity patterns: 70° or 110° symmetrical or 90° asymmetrical on either side. With a tighter control of the directivity, the 70° setting brings an additional 2 dB compared to the 110° setting increasing throw capability. Ultra-precise audience coverage and smooth SPL distribution is granted by the combination of Panflex and a large choice of inter-element angles.

The rugged Kara II is made for touring. It features ergonomic side and rear handles as well as enclosure protection elements. The captive rigging system is fitted with a visual safety indication making for secured and effortless deployment. A comprehensive set of rigging accessories enable flow and stacked deployment in various configurations.

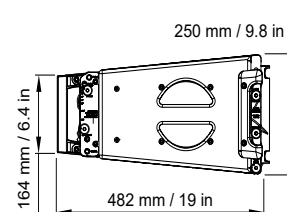


SPECIFICATIONS

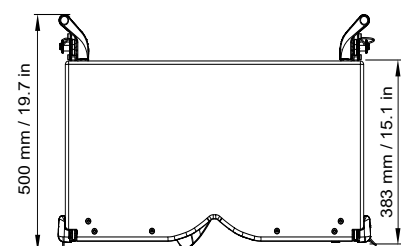
Description	2-way active WST enclosure, amplified by LA4X / LA8 / LA12X
Usable bandwidth (-10 dB)	55 Hz - 20 kHz ([KARA II 70])
Maximum SPL¹	142 dB ([KARA II 70])
Nominal directivity	Vertical : depending on number of elements and array curvature Horizontal : 70° / 110° symmetric or 90° asymmetric (35°/55°)
Transducers	LF: 2 x 8" neodymium cone driver HF: 1 x 3" neodymium diaphragm compression driver
Acoustical load	LF: Bass-reflex HF: DOSC waveguide, Panflex
Nominal impedance	LF: 8 Ω HF: 8 Ω
Connectors	IN: 1 x 4-point speakON LINK: 1 x 4-point speakON
Rigging and handling	Four-point captive rigging system 2 side handles, 2 rear handles Inter-enclosure angles [deg]: 0, 1, 2, 3, 4, 5, 7.5, 10
Weight (net)	26 kg / 57 lb
Cabinet	Premium grade Baltic birch plywood
Front	Coated steel grill Acoustically neutral 3D fabric
Rigging components	High grade steel with anti-corrosion coating
Finish	Dark grey brown Pantone 426 C
IP	IP55



Front



Side



Top

¹- Peak level at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).