

PRELIMINARY

# KARA II LONG THROW LINE SOURCE



- Added variable directivity and improved polar with Panflex
- 4-in-1 coverage patterns (70° / 90° L-R / 110°)
- +2 dB SPL at 70°
- Best-in-class SPL per weight / footprint



## ELECTRO-ACOUSTICS



Part of the K Series, Kara II is a modular line source system that can be deployed standalone or with its companion subwoofer SB18. Assembled as a variable curvature line source with class-leading SPL per weight and footprint, Kara II is ideal for applications that require clarity and long throw capability 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 and 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. With Panflex and inter-element angles ranging from 0° to 10°, a Kara II line source coverage can be precisely tailored to any audience geometry.

On its own Kara II can be used as a main system for vocal reinforcement and music material with light LF requirements or as a complement to large sound systems in fill and delay applications. Associated with its companion subwoofer SB18, Kara II modular system can accommodate any program material requiring bandwidth, contour and output.

## PHYSICAL

Kara II enclosure is constructed of premium grade Baltic birch plywood to ensure maximum acoustical and mechanical integrity. The compact enclosure is fitted with protective elements to secure the enclosure panels during transport and handling. Ergonomic side and rear handles facilitate manipulation and assembly.

Kara II features a time-tested and efficient four-point captive rigging system, that provides visual safety assessment. A set of rigging accessories have been designed to answer all deployment needs when used as mains or fill system.

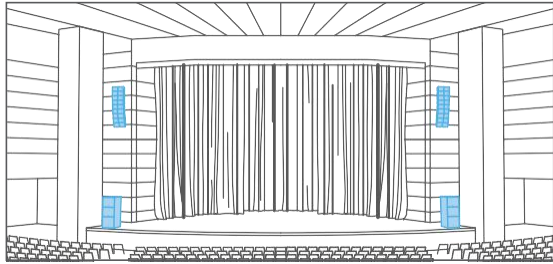
Kara II has been weatherized to achieve an IP55 rating for outdoor operations.



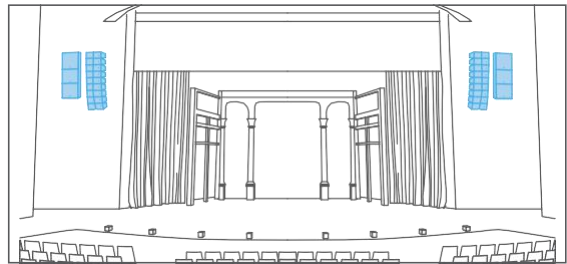
Integrated rigging with safety check; ergonomic handles; rigging and enclosure protection elements.

# APPLICATIONS

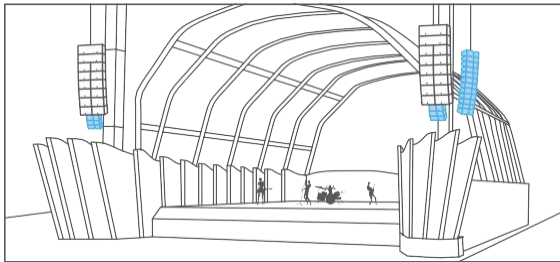
Kara II is a modular line source system that can be deployed on its own or combined with associated subwoofers to address medium scale mobile and touring applications. Kara II can also be used to complement a large format system as out-fills, infills and down-fills.



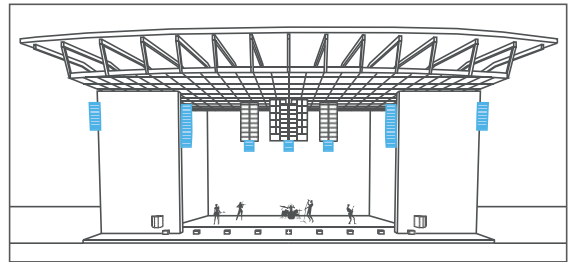
Fan shaped amphitheater with Kara II at 110°



Shoe-box concert hall with Kara II at 70° and 110°



Large event with Kara II as outfill at 90° and downfill at 110°



Shed Scene and Extension L-ISA Focus system with Kara II at 110°

# RIGGING

Kara II can be flown or stacked with the dedicated frame M-BUMP and the optional M-BAR for greater tilt angles. Small Kara II arrays can be flown or stacked with the lighter frame KARA-MINIBU. Additional rigging accessories allow for strong negative tilt angle or downfill deployment.

**M-BUMP + M-BAR**  
Flying and stacking frame up to 24 Kara II

**KARA-MINIBU(EX)**  
Lighter flying and stacking frame up to 6 Kara II

**KARADOWNK1/K2/K3**  
Interface for up to 6 Kara II below K1/K2/K3

**KARA-PULLBACK**  
Pullback accessory for up to 12 Kara II

**KARA-ANGARMEX + M-JACK**  
Angle extension bar + screw jacks for M-BAR for up to 9 Kara II



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.

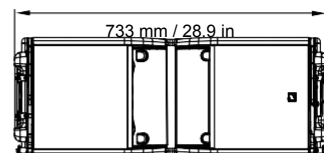
Based on the Kara design, Kara II adds flexibility with Panflex™. A single Kara II enclosure offers four horizontal directivity patterns: 70° or 110° symmetrical or 90° asymmetrical on either side. With a tighter control of the directivity, the 70° setting brings an additional 2 dB compared to the 110° 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 flown and stacked deployment in various configurations.

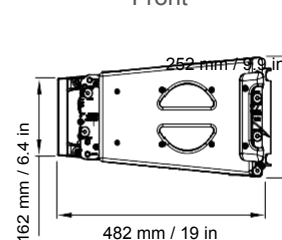


## SPECIFICATIONS

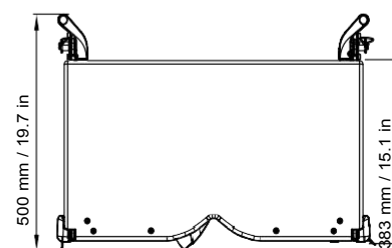
<b>Description</b>	2-way active WST enclosure, amplified by LA4X / LA8 / LA12X
<b>Usable bandwidth (-10 dB)</b>	55 Hz - 20 kHz ([KARA II 70])
<b>Maximum SPL<sup>1</sup></b>	142 dB ([KARA II 70])
<b>Nominal directivity (-6 dB)</b>	Vertical : depending on number of elements and array curvature Horizontal : 70° / 110° symmetric or 90° asymmetric
<b>Transducers</b>	LF: 2 × 8" neodymium cone driver HF: 1 × 3" neodymium diaphragm compression driver
<b>Acoustical load</b>	LF: Bass-reflex HF: DOSC waveguide, Panflex
<b>Nominal impedance</b>	LF: 8 Ω HF: 8 Ω
<b>Connectors</b>	IN: 1 × 4-point speakON LINK: 1 × 4-point speakON
<b>Rigging and handling</b>	4-point captive rigging system 2 side handles, 2 rear handles Inter-enclosure angles [deg]: 0, 1, 2, 3, 4, 5, 7.5, 10
<b>Weight (net)</b>	26 kg / 57 lb
<b>Cabinet</b>	Premium grade Baltic birch plywood
<b>Front</b>	Coated steel grill Acoustically neutral 3D fabric
<b>Rigging components</b>	High grade steel with anti-corrosion coating
<b>Finish</b>	Dark grey brown Pantone 426 C
<b>IP</b>	IP55



Front



Side



Top

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

