

PRELIMINARY

KIVA II ULTRA-COMPACT MODULAR LINE SOURCE



- + 6 dB SPL vs. Kiva
- High amplifier density (16 ohms)
- Sturdy cabinet
- Smooth polar response (K Grill)

ELECTRO-ACOUSTICS



VARIABLE CURVATURE
LINE SOURCE



DOSC



L-FINS



The Kiva II is an ultra-compact WST® modular line source designed for long-throw sound reinforcement applications with minimum visual impact. The Kiva II features two 6.5" speakers in a bass-reflex cabinet and a 1.75" diaphragm compression driver loaded by a DOSC waveguide and L-Fins.

Kiva II features an outstanding SPL/format ratio thanks to the excursion and power capability of the transducers. The amplifier density is maximized with 16 ohm impedance.

The Kiva II operates from 70 Hz to 20 kHz. The coplanar transducer arrangement and the new K front grill produce a 100° symmetric horizontal directivity output with a smooth tonal response free of secondary lobes over the entire frequency range. In accordance with the WST coupling criteria to preserve the wave front coherency, the maximum inter-element angle is 15°.

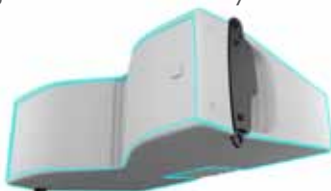
The internal passive crossover network uses custom filters. The L-Acoustics amplified controllers ensure the linearization and the protection of the transducers (L-Drive).



As a WST line source Kiva II features a long throw capability. The SPL is evenly spread from front to rear of the audience.

PHYSICAL

The cabinet is made of a new composite material, with a high immunity to moisture and shocks and remarkable acoustic properties. Kiva II weighs a mere 14 kg (31 lbs.) and its compact elegance makes for an easy integration in any situation. Available in white or custom RAL CLASSIC, it melts into any architecture. The enclosure is rated IP 43. The flush-fitted rigging features a visual safety check.

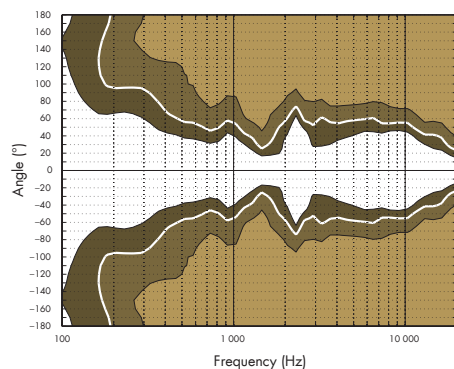


SPECIFICATIONS

Description	Passive 2-way WST enclosure amplified by LA4X / LA8 / LA12X
Usable bandwidth (-10 dB)	70 Hz - 20 kHz ([Kiva II])
Maximum SPL¹	138 dB ([Kiva II])
Nominal directivity	Horizontal: 100° Vertical: depending on the number of elements and array curvature
Transducers	LF: 2 x 6.5" neodymium HF: 1 x 1.75" neodymium compression driver
Acoustical load	LF: Bass-reflex enclosure HF: DOOSC waveguide and L-Fins
Nominal impedance	16 Ω
Connectors	IN: 1 x 4-point speakON® LINK: 1 x 4-point speakON®
Rigging and handling	Flush fitting 3-point rigging system Inter-enclosure angles [deg]: 0, 1, 2, 3, 4, 5, 7.5, 10, 12.5, 15 2 handles
Weight (net)	14 kg / 31 lbs
Cabinet	Composite sandwich structure
Front	Composite grill with anti-corrosion coating Acoustically neutral 3D fabric
Rigging components	High grade steel
Finish	Dark grey brown PANTONE® 426C Pure white RAL 9010 Custom RAL CLASSIC code on special order
IP	IP 43

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

DIRECTIVITY/BEAMWIDTH



DIMENSIONS

