

KIVA II ULTRA-COMPACT MODULAR LINE SOURCE



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



VARIABLE CURVATURE
LINE SOURCE



DOSC



L-FINS

ELECTRO-ACOUSTICS



Part of the K Series, Kiva II is an ultra-compact modular line source system that can be deployed standalone or with its companion subwoofer SB15m. Assembled as a variable curvature line source with outstanding SPL for its format, Kiva II is ideal for applications that require clear vocal reinforcement and minimal visual impact such as theatrical acts, congregations, orchestral music or corporate and special events.

The coplanar transducer arrangement on the new K-shaped front grill combines with L-Fins produces a consistent 100° symmetric horizontal dispersion with smooth tonal response free of secondary lobes over the entire frequency range. The minimalist proportions allow Kiva II to achieve inter-element angles up to 15°, ensuring wide and precise vertical coverage with few elements. Kiva II impedance of 16 ohms maximizes enclosure density per amplified controller.

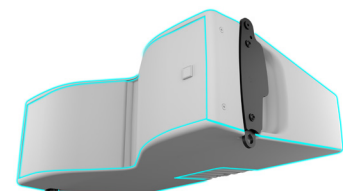
On its own Kiva II can be used as a main system for vocal reinforcement or as a complement to large sound systems in fill and delay applications. Associated with its companion subwoofer SB15m, Kiva II modular system can accommodate musical program material with extended bandwidth and contour.

PHYSICAL

Kiva II cabinet is made of a new composite material, with 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 easy integration in any situation.

Kiva II features a three-point captive rigging system with simplifies deployment and provides visual safety assessment. The rigging system integrates ergonomic handles improving aesthetics.

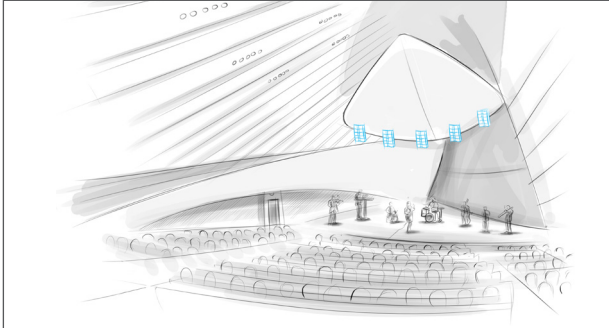
Available in white or custom RAL CLASSIC, Kiva II melts into any architecture. The enclosure has been weatherized to achieve an IP55 rating for outdoor operations.



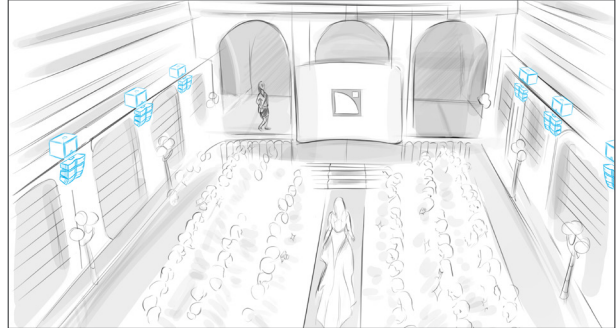
Integrated rigging with safety check and ergonomic side handles.

APPLICATIONS AND BENEFITS

Kiva II is particularly suited to multi-channel L-ISA systems in performing art centers or for sound reinforcement of special events. These fixed installations or rental projects demand an impactful and immersive sound system yet with a compact footprint to give room for either video displays, visual effects or preserve the architectural aspects of the venue.



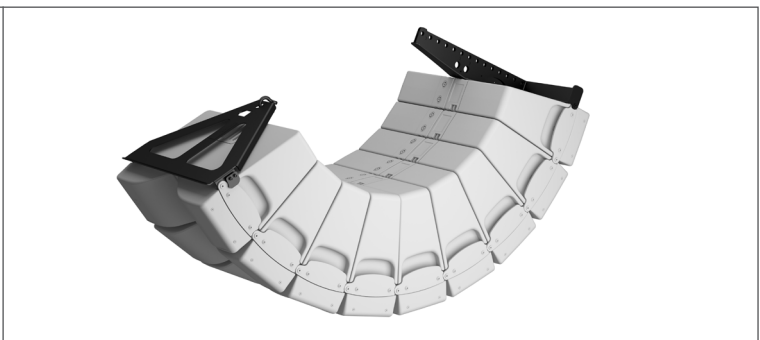
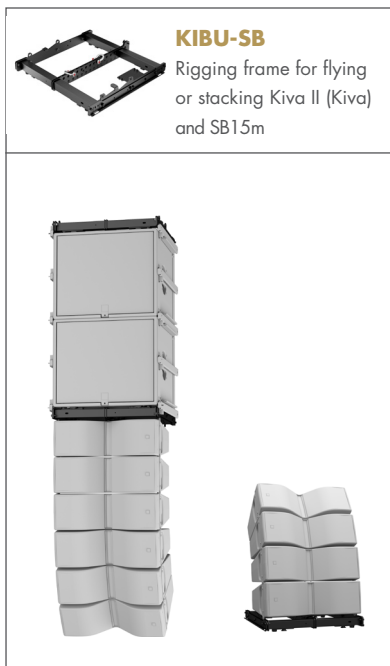
L-ISA multi-channel system






Special event distributed system

RIGGING

Kiva II can be flown as a standalone system or with the SB15m. Under-balcony, pole-mount and pullback arrangements are also possible.



AMPLIFIED CONTROLLERS

| Amplified controllers | LA2Xi | LA4X | LA12X |
|---|---|--|---|
| Front and back panels |  |  |  |
| Install / Touring | Install | Install / Touring | Install / Touring |
| In x Out | 4 x 4 / 4 x 3 / 4 x 2 / 4 x 1 | 4 x 4 | 4 x 4 |
| Output power (W RMS) @ 16 ohms @ 8 ohms @ 4 ohms @ 2.7 ohms | 4 x 200 W 4 x 360 W 4 x 640 W | 4 x 1000 W 4 x 1000 W | 4 x 1400 W 4 x 2600 W 4 x 3300 W |
| Height | 1U | 2U | 2U |
| Weight | 4.40 kg / 9.70 lbs | 11.3 kg / 24.9 lbs | 14.5 kg / 32 lbs |
| Drive capability Kiva II | | | |
| Max. number of enclosures per channel | 2 | 2 | 6 |
| Max. number of enclosures per amplifier | 8 | 8 | 24 |
| Max SPL | 133 dB | 138 dB | 138 dB |

SUBWOOFERS

SB15m: Companion 15" subwoofer (1 x 15")

Other subwoofers: SB18(i), KS21(i)

Kiva II + SB15m: bandwidth: 40 Hz – 20 kHz
 Ratio of 1 SB15m to 3 Kiva II (coupled)
 Ratio of 1 SB15m to 2 Kiva II (decoupled)
 Contour reinforced by 8/10 dB at 100 Hz



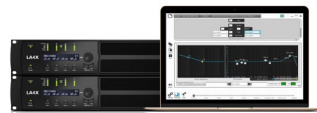
SOFTWARE

SOUNDVISION: simulation software



3D electro-acoustic and mechanical simulation software

LA Network Manager: control & monitoring software



Real-time control and monitoring up to 253 units
 Multiple network topologies



K series: Long throw variable curvature line sources

The K range comprises modular and large format line sources adapted to long throw applications in rental productions and fixed installations.

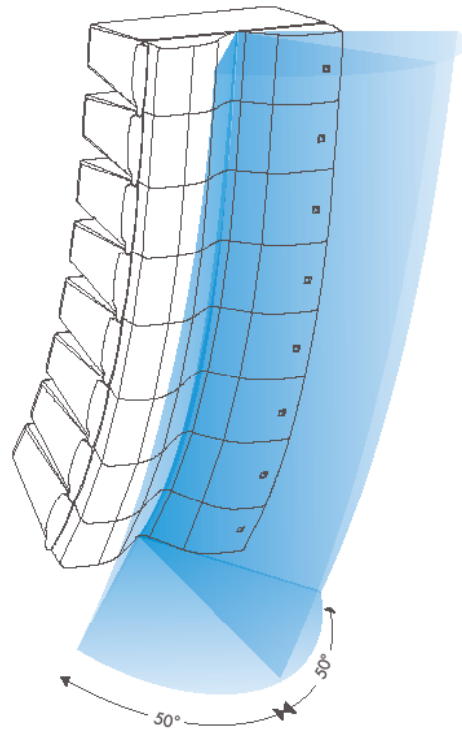
Modular line sources (Kiva II/Kara II) can be deployed with or without their dedicated subwoofer extension, based on bandwidth/footprint priority requirement.

Large format line sources (K2/K1) are true full range systems with a maximized coherence due to the proximity of their LF/HF driver acoustic centers. Additionally, these systems can be deployed with K1-SB to boost the LF throw.

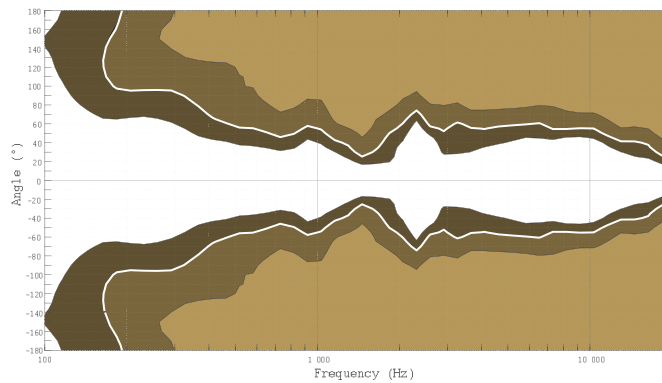
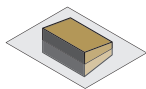
COVERAGE

About L-Acoustics L-Fins

Introduced in 2008 with the K1 system, the L-Fins waveguide marked the transition from the "V" transducer layout of legacy V-DOSC and dV-DOSC systems to the "K" transducer layout. L-Fins significantly improve the precision and smoothness of the directivity pattern in the horizontal plane.



BEAMWIDTH



► Dispersion angle diagram of a single Kiva II in the horizontal plane using lines of equal sound pressure at -3 dB, -6 dB, -12 dB.

KIVA II LONG THROW LINE SOURCE



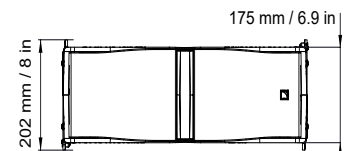
Part of the K Series, Kiva II is a modular line source element designed for production applications beyond 35 m of throw. Assembled as an ultra-compact variable curvature line source with high SPL per line length, Kiva II is ideal for applications that require clear vocal reinforcement and minimal visual impact such as theatrical acts, congregations, orchestral music or corporate events.

Kiva II features outstanding output per line length and produces a consistent 100° symmetric horizontal dispersion thanks to the coplanar transducer arrangement and the new K-shaped front grill design. The minimalist proportions allow Kiva II to achieve inter-element angles up to 15°, ensuring wide and precise vertical coverage with few elements.

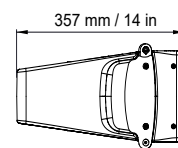
The elegant design with discreet, integrated handles and a captive rigging system makes Kiva II perfect for both installations and touring. Made of advanced composite material, Kiva II offers remarkable acoustic properties into a very lightweigh enclosure facilitating everyday use on the road or integration in venues with load-restrictions.

SPECIFICATIONS

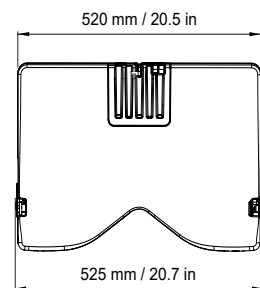
| | |
|------------------------------------|---|
| Description | Passive 2-way WST enclosure amplified by LA2Xi / LA4X / LA8 / LA12X |
| Usable bandwidth (-10 dB) | 70 Hz - 20 kHz ([KIVA II]) |
| Maximum SPL¹ | 138 dB ([KIVA II]) |
| Nominal directivity (-6 dB) | Vertical : depending on number of elements and array curvature Horizontal: 100° |
| Transducers | LF: 2 x 6.5" neodymium HF: 1 x 1.75" neodymium compression driver |
| Acoustical load | LF: Bass-reflex HF: DO SC waveguide, L-Fins |
| Nominal impedance | 16 Ω |
| Connectors | IN: 1 x 4-point speakON® LINK: 1 x 4-point speakON® |
| Rigging and handling | 3-point captive rigging system 2 side handles Inter-enclosure angles [deg]: 0, 1, 2, 3, 4, 5, 7.5, 10, 12.5, 15 |
| 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 code on special order |
| 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).

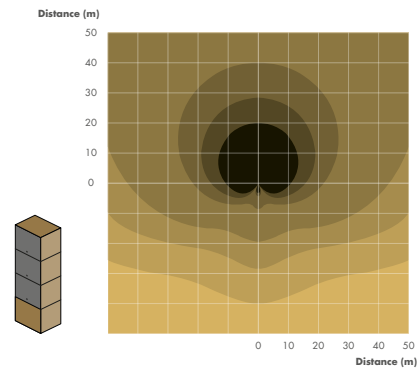
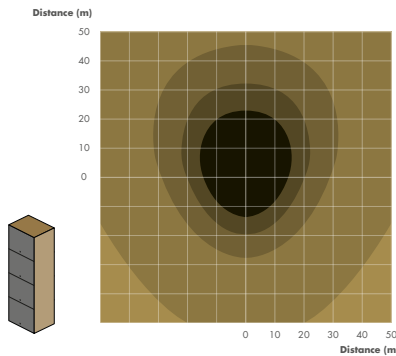
SB 15m SUBWOOFER



| | |
|----------------------------------|--|
| Description | High power compact subwoofer: 1 × 15" amplified by LA2Xi / LA4X / LA8 / LA12X |
| Usable bandwidth (-10 dB) | 40 Hz - 100 Hz ([SB15_100]) |
| Maximum SPL¹ | 137 dB ([SB15_100]) |
| Nominal directivity | Standard or cardioid configurations |
| Transducers | 1 × 15" cone driver |
| Acoustical load | Bass-reflex, L-Vents |
| Nominal impedance | 8 Ω |
| Connectors | IN: 1 × 4-point speakON LINK: 1 × 4-point speakON |
| Rigging and handling | 2 coupling bars and 2 locking tabs 1 pole mount - 35 mm 2 handles |
| Weight (net) | 36 kg / 79.4 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 pure white RAL 9010 custom RAL code on special order |
| IP | IP55 |

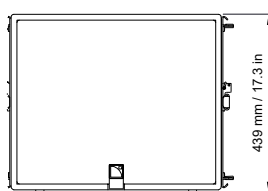
¹ Peak level at 1 m under half space conditions using pink noise with crest factor 4 (preset specified in brackets).

ISOCONTOUR

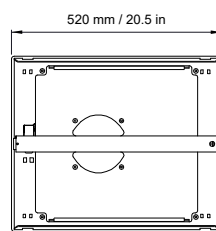


► SPL mapping of a block of four SB15m in standard (left) and cardioid (right) arrangements, using surfaces of equal sound pressure with three dB step colored scale.

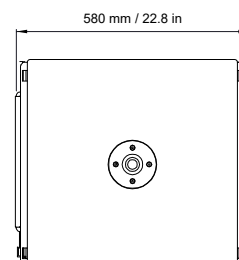
DIMENSIONS



Front



Side



Top