



KIVA

MODULAR WST[®] LINE SOURCE



The **KIVA** Modular Line Source element has an operating frequency bandwidth from 80 Hz to 20 kHz and this response can be lowered down to 50 Hz with the addition of the **KILO** low frequency extension cabinet.

KIVA features two 6.5" drivers in a bass-reflex tuned enclosure and a 1.5" diaphragm compression driver coupled to a **DOSC[®]** waveguide for HF reproduction. The passive crossover network uses 2nd order filters with built-in phase compensation.

The V-shaped coplanar transducer configuration generates a symmetric horizontal coverage of 100° without secondary lobes over the entire frequency range.

The combination of coplanar symmetry and **DOSC[®]** waveguide in the HF region allows the system to fulfil the 5 **WST[®]** criteria, thereby allowing the wavefront of a KIVA line source to be curved up to a maximum of 15° for each element without breaking the inter-element acoustic coupling.

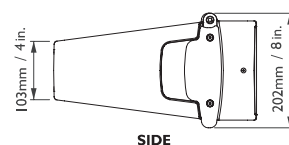
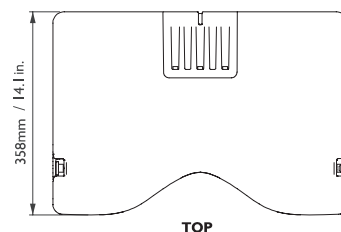
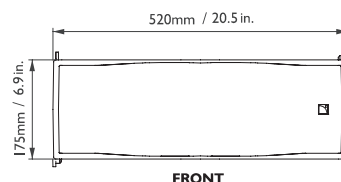
The captive 3-point rigging system is fully integrated into the KIVA cabinet allowing up to 20 elements (or 12 KIVA and 4 KILO) to be flown in accordance with the manufacturer's recommendations.

The KIVA cabinet is made of a unique composite material with remarkable acoustic properties (very similar to Baltic birch plywood) and with the added benefit of a high immunity to moisture.

The KIVA enclosure is driven by the dedicated **LA4** amplified controller. The performance of KIVA depends upon the choice of preset and physical system configuration.



Usable bandwidth (-10dB)	80 Hz - 20 kHz "Line Source" configuration
Nominal directivity (-6dB)	Horizontal: 100° Symmetric (500 Hz - 18 kHz) Vertical: depends on number of elements and line source curvature Between 0° and 15° inter-element angles
Maximum SPL¹	130 dB ([KIVA] preset)
RMS handling capacity	120 W
Components	LF: 2 x 6.5" weather-resistant HF: 1 x 1.5" diaphragm compression driver Nominal impedance: 8 ohms
Rigging²	Entirely captive, high-grade steel certified for 20 KIVA or 12 KIVA and 4 KILO (BGV-C1 compliant) Angle increments: 0, 1, 2, 3, 4, 5, 7.5, 10, 12.5, 15°
Physical data	W x H/h x D: 520 x 175/103 x 358 mm 20.5 x 6.9/4 x 14.1 in Weight (net): 13kg - 28.7 lb. Connectors: 2 x 4-pin Speakon [®] Material: sandwich composite structure, zamac and steel Finish: grayish-brown, RAL 8019 [®] Front: plastic grill, acoustically neutral "Airmet" grill cloth Rigging: integrated flying hardware and handles (sandblast-coated steel)



¹ Peak level measured at 1m under free field conditions using 10 dB crest factor pink noise with specified preset and corresponding EQ settings.
² Installation guidelines are specified in SOUNDVISION software designed to help with L-ACOUSTICS[®] product implementation.