

# KF740

## LINE ARRAY

- *High output to size/weight ratio. Size and output capabilities allow it to be used in the widest variety of venues.*
- *Exceptional pattern control due to symmetrical design, large horn and spaced woofers.*
- *Incorporates latest EAW technologies including CSA and Focusing for improved mid and high frequency transient response.*
- *Fully compatible with KF760 and KF730 systems.*



**EAW**

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# KF740

## LINE ARRAY



The KF740 line array system is optimized for the widest possible range of touring and installation applications. The symmetrical design, large horn and spaced woofers provided exceptional pattern control when optimized via EAW Focusing and directed by EAW Resolution software. High-output, yet extremely lightweight and compact, a KF740 module can integrate seamlessly into an existing KF760 or KF730 system or combine for a complete KF740 array perfect for applications of nearly any size.

The KF740 line array system delivers output resembling the much larger KF760, but has the footprint and weight of the more diminutive KF730. Because of this optimum ratio of weight, size and output, the KF740 is the ideal solution for a wide variety of applications including touring sound, corporate A/V, sports arenas, houses of worship, performing arts centers, hotel ballrooms and live clubs.

Like all KF Series loudspeakers, the KF740 delivers premium, high-output, 3-way performance, but in a package that is extremely compact and easy-to-use. Each module contains two HF compression drivers with 2.5-inch voice coils and two 8-inch MF transducers with 3-inch voice coils, all of which are integrated into a single horn that occupies the entire face of the enclosure. This allows for consistent 90-degree pattern control, even at frequencies down to 160Hz, as the MF frequencies are transitioned to a spaced array of four 10-inch LF transducers with 2.5-inch voice coils. Two of the LF transducers are mounted within the horn, and two are side-mounted, providing as much as 18dB of off-axis rejection. EAW Focusing, as provided by the UX8800 DSP easily and precisely transitions from one system subsection to another.

EAW Resolution software will define an array to match the venue dimensions; the user simply needs to adjust the splay at the rear of the enclosures as directed. This optimized configuration produces a continuous, coherent wave front of extended range, high-resolution audio for the defined coverage area, from directly below the array to hundreds of feet out. Many applications can utilize a system constructed entirely of KF740 modules, but the KF740 also easily integrates above KF730 modules or beneath KF760<sup>1</sup> modules to extend the reach of those systems to any application. The complementary SB1002 subwoofer can further enhance the already impressive low-frequency extension of a KF740 system.

The truck-pack friendly KF740 is assembled in the U.S.A. and is meticulously constructed for structural integrity, long life and impeccable sonic reproduction. The exterior-grade Baltic birch plywood enclosure, wear-resistant textured coating and powder-coated steel grille work to protect each module. And the extruded structural aluminum rigging, precision quick-release rigging pins and Neutrik STX series NL8 connectors are ideal for touring applications.

<sup>1</sup>This is possible with accessory adapter bars AB7674-73 and AB7473.  
Accessory caster pallets, fly bars and adaptor bars available.  
(Please see Spec Sheet for details regarding accessories)



The lightweight extruded aluminum rigging of the KF740 allows for up to 16 enclosures at a 10:1 safety factor. EAW Resolution software defines the optimal array size and configuration based on venue dimensions.

### KF740 Features

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- Fully compatible with KF760 and KF730 systems.



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