

# JFL210

## COMPACT LINE ARRAY MODULE

The JFL210 compact line array module features a range of EAW's most innovative line array technologies within a mobile, light weight package that's an ideal solution for a multitude of small- and medium-sized applications, including portable and installed A/V as well as musician/DJ.

Incorporating constant curvature line array design principles, JFL210 modules form easily configured arrays with very predictable output and coherence and coverage that is both horizontally symmetric and consistent from short to long throws. And despite the compact size, modules and arrays both deliver exceptionally high output capability and predictable pattern control.

The JFL210 can be flown or stacked in a variety of ways. The enclosure size, shape, weight, and rigging are optimized for ease of transport and handling. Each module measures just 12.3 inches (h) by 24.8 inches (w) by 13.6 inches (d) and weighs only slightly more than 50 pounds. Enclosures can be pole-mounted, and arrays can also be easily flown, ground stacked, and even attached to existing structures in applications such as theatre, where stage and/or balcony fascias may exist.

### JFL210 Features

- *Ideal for a wide range of portable and installed AV applications*
- *Constant curvature line array*
- *Extremely small (12.3" x 24.8" x 13.6") & light (about 50 pounds)*
- *Neodymium drivers for superior performance and durability while reducing weight*
- *Vertical arrays of up to six units can be easily constructed*
- *User switchable single- and bi-amp modes*
- *Array compensation switch provides tailoring*
- *Optimized for transport by just one person*
- *EAW UX8800 with Guinness Focusing further enhances performance and control*
- *Integral aluminum rigging system*
- *Very easy to pole mount, fly and groundstack*
- *Cabinets protected by EAW's tough RoadCoat finish*



*The JFL210 utilizes premium transducers and EAW's vaunted design principles to deliver a small, light and flexible package with plenty of punch.*

Each two-way, full-range JFL210 module utilizes neodymium drivers that provide optimum performance and tireless durability while also further reducing weight. Two 10-inch (2.5-inch voice coil) woofers deliver tight, punchy low-frequency performance, while the 3-inch (1.4-inch-exit) compression driver is closely matched with a horn that provides precise dispersion. These high end components contribute to a maximum peak output of more than 130 dB (SPL), allowing JFL210 arrays to comfortably fill vast spaces.

JFL210 modules offer a nominal 15 degrees vertical beamwidth and a 90-degree nominal horizontal beamwidth. This allows vertical arrays of up to six units to be easily constructed, and gives added flexibility to attain optimum performance and coverage results.

# EAW

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Both single- and bi-amp modes are provided (user switchable). In single-amp (passive) mode, an array compensation switch on each module provides further tailoring. As a result, arrays and single boxes can be refined to meet specific applications in terms of factors like air loss, with the user able to select between multi-box long, multi-box short and single box settings.

Performance can be optimized even more precisely with an EAW UX8800 digital processor (4 inputs by 8 outputs) that functions as an excellent overall system manager, processor and controller, while its Gunness Focusing alignment and driver processing algorithms dramatically enhance JFL210 line array performance.

EAWPilot control software provides comprehensive DSP control of the UX8800, while its renowned Wizard modeling software greatly simplifies system setup and alignment by automatically configuring array DSP for optimal performance within specific audience areas.

The dual Neutrik NL4 Speakon connectors on every JFL210 module are wired in parallel so that either jack accepts input from the amplifier(s) and loops the signal(s) through to the second jack. The input panel also houses the recessed powering mode switch and the array compensation switch.

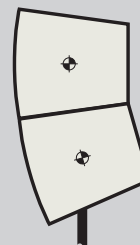
JFL210 enclosure shape, size, and weight are optimized for transport by just one person, with side handles easing lifting and carrying. One person can build arrays of up to four modules via the integral rigging system that offers a 10:1 safety factor and provides superior balance and stability. For flown applications, an optimized flybar is available as well.

Eyebolts on the top of the cabinet simplify rigging in permanently installed applications. The array angle can be set using a pull-back line affixed to additional eyebolts on the bottom enclosure. For portable applications, up to two modules can be pole mounted via a dual angle pole socket on the bottom of each enclosure that provides aiming flexibility.

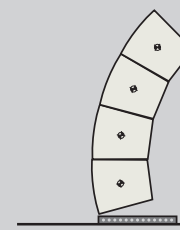
Overall construction matches the high standards long applied to EAW portable and touring products. Cabinets are protected by our tough RoadCoat finish that is highly scratch-resistant with a durable stainless steel grille.

Yes, it's extremely small and light and easy to handle, but make no mistake – the JFL210 packs an unmatched performance punch in comparison to any other loudspeaker system in its class.

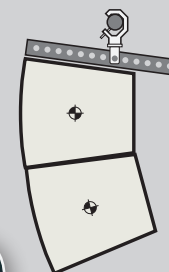
## JFL210 Mounting Options



*Pole Mounted*



*Flown and Ground-Stacked*



*With Pipe Clamp Accessory*



*EAW Engineers utilized the entire arsenal of new and existing EAW line array technologies when designing the JFL210.*

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