

## F2-Array

12" Passive 2-Way Line Array Loudspeaker

### FEATURES

- 1 x 12" low-frequency driver, 1 x 3" high-frequency compression driver.
- 143dB Max SPL (Peak).
- Frequency Response of 50Hz - 18kHz ( $\pm 3$ dB).
- 90° (H) (optional 120°) x 15° (V) dispersion angle.
- Robust wooden enclosure with a wear-resistant finish.

### APPLICATIONS

- Small to medium sized theatres
- Small to medium sized live music venues
- Corporate AV Events
- Clubs
- Fixed installations in concert halls, ballrooms and houses of worship.

### DESCRIPTION

The F2-Array is a 2-way 12" line array loudspeaker that comprises two specially crafted drive units. A 12" carbon fibre low-frequency driver, alongside a 3" composite carbon fibre diaphragm tweeter combining to offer a maximum SPL of 143dB (Peak).

The high sensitivity and rigidity of the 12" enables continuous low-distortion output under high power conditions.

The F2-Array has a horizontal coverage angle of 90° (optional 120°) and a vertical coverage angle of 15°.

The 646mm wide enclosure features an integrated 4-point rigging system for seamlessly linking to additional F2-Array cabinets. Inter-cabinet angle adjustments range from 0° to 15°.

The enclosure is composed of robust plywood, finished with hard-wearing black polyurea paint and fitted with a hexagonal mesh steel grille with acoustic foam backing.

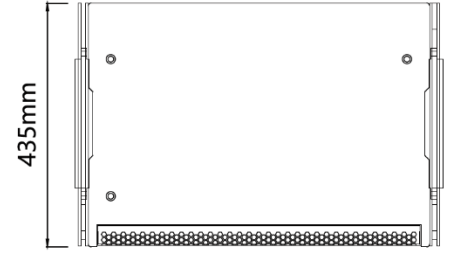
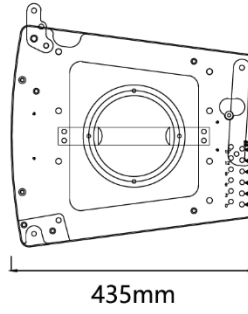
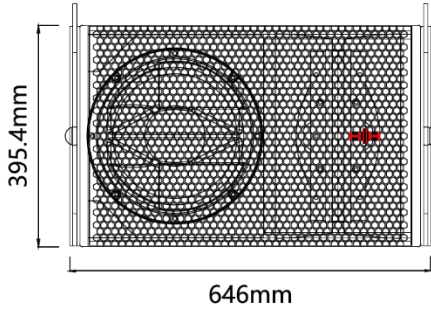


## Specifications

Specifications	
System type	12" 2-way Line Array Loudspeaker
Frequency Response	50Hz - 18kHz ( $\pm 3$ dB)
	40Hz - 20kHz (-10dB)
Horizontal Coverage Angle	90° (optional 120°)
Vertical Coverage Angle	15°
Power Rating	LF:500W Continuous, 2000W Peak
	HF:150W Continuous, 600W Peak
Maximum SPL	137dB Continuous, 143dB Peak
Sensitivity	LF:105dB (1W@1m)
	HF:114dB (1W@1m)
Nominal Impedance	LF:16 $\Omega$ , HF:16 $\Omega$
Speaker	
LF Driver	1 x 12" low-frequency driver
HF Driver	1 x 3" high-frequency compression driver
Enclosure	
Cabinet	Robust all wood construction
Finish	Hard wearing black painted
Mounting Bracket	F2-Array-FLB for suspended mounting
Grille	Hexagonal mesh black perforated steel with acoustic foam backing.
Fittings	2 x Side handles, 4-point Rigging system
Rigging	4-point pin based rigging system. Inter cabinet angle adjustments from 0° to 15°
Connect	
Connectors	2 x Speakon NL4
Pin Connections (Input)	1+/- (LF) and 2+/- (HF)
Pin Connections (Link)	1+/- and 2+/-
Dimensions (H/W/D)	395.4 x 646 x 435mm
Weight	29kg



DIMENSIONS



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