

F1-Array

15" Passive 3-Way Line Array Loudspeaker

FEATURES

- 1 x 15" low-frequency driver, 1 x 8" mid-frequency driver, 1 x 3" high-frequency compression driver.
- 145dB Max SPL (Peak).
- Frequency Response of 40Hz - 20kHz (± 3 dB).
- 90° (H) (optional 120°) x 15° (V) dispersion angle.
- Robust wooden enclosure with a wear-resistant finish.



APPLICATIONS

- Small to medium scale touring and concerts
- Corporate AV Events
- Fixed installations in concert halls, ballrooms and houses of worship.

DESCRIPTION

The F1-Array is a 3-way 15" line array loudspeaker that comprises three specially crafted drive units. A 15" carbon fibre low-frequency driver, an 8" Kevlar fibre mid-frequency driver alongside a 3" composite carbon fibre diaphragm tweeter combining to offer a maximum SPL of 145dB (Peak).

The high sensitivity and rigidity of the 15" enables continuous low-distortion output under high power conditions. The 8" pure Kevlar fibre mid-range driver uses coaxial mid-high frequency technology to provide excellent phase response with perfect line source coupling.

The F1-Array has a horizontal coverage angle of 90° (optional 120°) and a vertical coverage angle of 15°.

The 710mm wide enclosure features an integrated 4-point rigging system for seamlessly linking to additional F1-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.

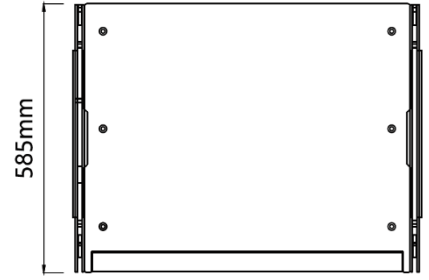
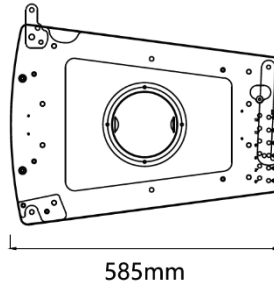
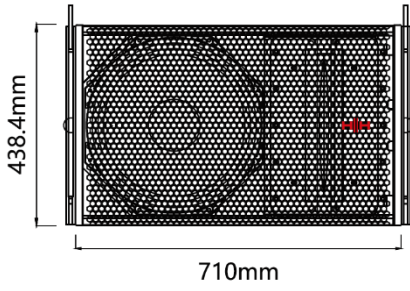


Specifications

Specifications	
System type	15" 3-way Line Array Loudspeaker
Frequency Response	40Hz - 20kHz(±3dB)
	33Hz - 21kHz(-10dB)
Horizontal Coverage Angle	90° (optional 120°)
Vertical Coverage Angle	15°
Power Rating	LF:600W Continuous, 2400W Peak
	MF:300W Continuous, 1200W Peak
	HF:150W Continuous, 600W Peak
Maximum SPL	139dB Continuous, 145dB Peak
Sensitivity	LF:105dB (1W@1m)
	MF:107dB (1W@1m)
	HF:114dB (1W@1m)
Nominal Impedance	LF:8Ω, MF:8Ω, HF:8Ω
Speaker	
LF Driver	1 x 15" low-frequency driver
MF Driver	1 x 8" mid-frequency driver
HF Driver	1 x 3" high-frequency compression driver
Enclosure	
Cabinet	Robust all wood construction
Finish	Hard wearing black polyurea paint
Mounting Bracket	F1-Array-FLB for suspended mounting
Grille	Hexagonal mesh black perforated steel with acoustic foam backing.
Fittings	2 x Side handles, pin-based rigging system
Rigging	4-point pin-based rigging system with inter cabinet angle adjustments from 0° to 15°.
Connect	
Connectors	2 x Speakon NL8
Pin Connections (Input)	1+/- (LF), 2+/- (MF) and 3+/- (HF)
Pin Connections (Link)	1+/-, 2+/-, 3+/- and 4+/-
Dimensions (H/W/D)	438.4 x 710 x 585mm
Weight	40kg



DIMENSIONS



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