

ARCLINE8

TWO WAY ACTIVE, THREE-WAY LINE ARRAY MODULE

The Arcline 8 is versatile, portable and intuitive to use. This is made possible by a host of new technologies that dramatically improve the perceived sound quality and definition. An all new advanced rigging system also reduces setup time and obviates the need for more than one person to rig multiple enclosures. The Arcline 8 delivers a true 110 degree dispersion and results in a highly uniform polar pattern that allows all of the audience members to experience uniform sound quality across the entire sound field. Traditional high frequency driver spacing and path length compensation among line source enclosures has almost always meant a compromise in high frequency performance, so a new design of high frequency horn was developed for the Arcline 8. Extensive FEA modelling was used both to evaluate and optimise the waveguide. A new phase shading device has also been implemented to allow multiple Arcline 8 enclosures to form a true cylindrical wavefront by splitting two acoustic sources into four, with the acoustic centre positioned optimally for coupling in both the horizontal and vertical planes. The lightweight 15mm (5/8") birch plywood enclosure is finished in a textured TourCoat polyurea finish, and features a unique flying system that allows rigging angles to be pre-selected before the flying the system. Two Neutrik speakON™ NL4 connectors provide input and link through connections.

ARCLINE8 sound or type

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PRODUCT DETAILS

KEY FEATURES

110° horizontal dispersion

True cylindrical wavefront

2 x 8" mid drivers with phase device

2 x 8" horn loaded low frequency drivers

2 x 1.4" compression drivers

Rigging angle pre selected before you lift the enclosures

Ground stackable

Applications: indoor and outdoor dance events, large scale touring, live music venues

SPECIFICATIONS

Frequency Response 3 dB down

Sensitivity (1W/1m) LF

Impedance 2 x 16 Ohms

Power Handling LF 500 Watts RMS | MF/HF 500 Watts RMS

Dispersion 110°H x 12°V

Maximum Output Continuous 128 dB | Peak 145dB

Driver Configuration 2x1.4" compression drivers, 2x8" mid drivers with phase device, 2x8" horn loaded low frequency drivers

Connectors 2 x 4-pole speakON™ NL4

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Dimensions (WxDxH)	880.2x469.56x285 mm
Weight	39kg
Enclosure	15mm multi-laminate plywood
Rigging	Rigging angle pre selected before you lift the enclosures
Ground stackable	A4 Stainless Steel
Finish	Textured polyurea
Grille	Perforated steel with foam filter