Y18

- SEAMLESS WAVE FRONT
- EXTREMELY HIGH SPL
- FOR USE IN 3 or 4 WAY SYSTEMS
- PRECISE ANGULAR CONTROL

The Adamson Y18 - the original and most powerful enclosure of the Y-Axis series - is emerging as the new favorite in line arrays. The Y-Axis series' superior design is the result of several patents - granted, allowed and pending.

The Adamson Y18 was designed to eliminate mid lobbing and comb filtering with far greater control and coverage than any conventional PA system.

The Y18 produces a perfectly curved co-linear ribbon of mid and high energy with Adamson's proprietary Co-Linear sound chamber technology. The only line array with a co-linear sound chamber

The Y-Axis series line arrays virtually eliminate time-smear. And the Y18 has 100 degree horizontal coverage - the widest of any line array. And Adamson's easy rigging gets the Y18 out the truck and into the air quickly and easily. And more importantly with no gaps in the array.

EML - amongst Europe's largest sound companies- conducted one of the most extensive and rigorous comparative analyses of line arrays. And after the final test - the head-to-head shootout against the other line arrays - EML chose Adamson's Y-axis Y18 as its 'A' system.

Hear the new truth in line arrays - the Adamson Y-axis Y18.

PRODUCT CODE 900049

Technical Specifications

Y-Axis

DESCRIPTION

A high power, 3 way line array featuring two proprietary Adamson mid/high drive modules. The Adamson drive module has a co-axial entrance and a co-linear exit comprised of a high frequency sound chamber mounted within a mid frequency sound chamber. The drive module is powered by a proprietary 9" Kevlar mid and a JBL 2451 compression driver. Together, the drive module and trapezoidal cabinet design create a smooth, slightly curved, seamless wave front with no gaps between cabinets. The Y-Axis has a defined coverage pattern of 100 degrees by 2.5 degrees at -3db down. The vertical coverage is determined by the number of cabinets added to the array. The Y-Axis comes complete with a sliding hinge rigging system that is faster and more efficient than any rigging system in the industry. With eleven half degree increments you can achieve precise angular positioning by adjusting the extension of the sliding hinge while the front of the array remains closed. Light, durable aluminum dollies, and all the components for rigging the Y-Axis come standard. Aluminum rigging frames to support 16 or 24 Y-Axis are available as optional accessories.

APPLICATIONS

- Live Concert Reproduction
- Theaters
- Houses of Worship
- Large Clubs

FEATURES

- The Adamson Co-Linear Drive Module
- Two Adamson 18" Kevlar L F Drivers
- Two Adamson 9" Kevlar MF Drivers
- Two JBL 2451 HF Drivers
- Aluminum Dolly Board
- Proprietary Stainless/Aluminum Slide Hinge Rigging

PHYSICAL DATA

Dimensions & Weight	
Height *(cm)*	*18 3/8" (46.7cm)*
Width *(cm)*	*57.3/4" (146.6cm)*
Depth *(cm)*	*26.5" (67.3cm)*
Weight *(Kg)*	*270 (122.7)*
Finish	Black Dual Component Polyurethane Resin
Optional Accesories	Aluminum Rigging Frame
Cabinet Construction	Rugged 11 ply Baltic Birch

TECHNICAL DATA

LF Section	2 AW18" Kevlar Low Freq. Transducers
MF Section	2 YX9" Kevlar Drivers
HF Section	2 JBL 2451
Power Handling (Watts RMS)	
LF	600 *(2)*
LF Peak	1200 *(2)*
MF	350 *(2)*
MF Peak	700 *(2)*
HF	150 *(2)*
HF Peak	300 *(2)*
Connection	Neutrik Speakon™ NL8

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