



## Y10

- THE ONLY 3-WAY SUB-COMPACT LINE ARRAY
- FOR USE IN 3 or 4 WAY SYSTEMS
- PRECISE ANGULAR CONTROL
- HIGHEST FIDELITY LINE ARRAY
- MORE VERSATILE & SCALABLE

The Adamson Y10 is the only sub-compact 3-way line array available in the market today. Filling a need for a more versatile and scalable full-powered line array - a void left by its larger counterparts and not filled by lesser compact 2-way line arrays.

At only 10.5" high the Y10 is almost half the size of other 3-way line arrays yet it has more than half the SPL of the larger enclosures - meaning two (2) Y10s give you more SPL than a single large 3-way line array enclosure.

Employing a proprietary Adamson *Co-linear Technology* sound chamber the Y-axis series (Y10 and Y18) are the only line arrays that can create curved iso-phase sound sources in the high and mid frequency sections - delivering a single uniform wavefront of mid and high frequency sound. Thereby virtually eliminating mid lobeing, comb filtering and time-smear giving the Adamson Y-axis line array unrivaled far field sonic accuracy.

When coupled with an Adamson Y-axis compact sub (with double 18" drivers) the Y10 can go from the smallest venue to a large rock festival. And provides a versatile full-powered complement to the Y18 or any full-sized line array. And to ensure complete Y-axis series compatibility, the Y10 and Y18 use the same rigging system.



# Technical Specifications

## Y-Axis



### DESCRIPTION

A full-powered sub-compact 3 way line array featuring a single patented Adamson mid/high drive module. (subject to four patent applications). 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 Y10 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 Y10 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
- Down fill for Y18

### FEATURES

- The Adamson Co-Linear Drive Module
- Two Adamson AX 10" L F Drivers
- One Adamson YX 9" Kevlar MF Driver
- One JBL 2451 HF Driver
- Aluminum Dolly Board
- Proprietary Stainless/Aluminum Slide Hinge Rigging

### PHYSICAL DATA

Dimensions & Weight	
Height (cm)	10.5" (26.7cm)
Width (cm)	42.75" (108.6cm)
Depth (cm)	24.5" (62.3cm)
Weight (Kg)	150 (68.2)
Finish	Black Dual Component Polyurethane Resin
Optional Accesories	Aluminum Rigging Frame
Cabinet Construction	Rugged 11 ply Baltic Birch

### TECHNICAL DATA

LF Section	2 AX 10" Low Freq. Transducers
MF Section	1 YX9" Kevlar Drivers
HF Section	1 JBL 2451
Power Handling (Watts RMS)	
LF	300 (2)
LF Peak	600 (2)
MF	350 (1)
MF Peak	700 (1)
HF	150 (1)
HF Peak	300 (1)
Connection	Neutrik Speakon™ NL8



Adamson Systems Engineering Inc.  
332 Fairall St. Ajax, Ontario L1S 1R6  
phone (905) 683-2230 fax (905) 683-5414  
www.adamsonproaudio.com  
sales@adamsonproaudio.com