



SPEKTRIX

COMPACT LINE ARRAY SYSTEM

Technical Specifications
1st edition



ADAMSON SYSTEMS ENGINEERING
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SPEKTRIX

- FULL 3-WAY CABINET
- TRUE LINE-SOURCE
- NEW REVOLVING DISK RIGGING SYSTEM
- ADAMSON WAVE SHAPING SOUND CHAMBER
- COMPACT & LIGHTWEIGHT

Designed for optimal ease-of-use, the ultra-compact Adamson SpekTrix is a 3-way line array system offering all the benefits of line-source technology via its patented Adamson wave shaping sound chamber.

Smaller sound companies will appreciate the cabinet's affordability, light weight and compact size. Setting up an entire array has never been easier, thanks to Adamson's new Revolving Disk Rigging system, and can be accomplished by one person. There's no extra rigging hardware to misplace - everything is attached and recessed inside the enclosure.

When arrayed, the SpekTrix rigging hardware is concealed, giving the system a modest, sleek look that makes it well suited for installation in small to medium-sized venues, theaters and houses of worship.



Technical Specifications



SPEKTRIX

DESCRIPTION

The Adamson SpekTrix is a three-way cabinet that exhibits extremely high output for a compact box. The enclosure incorporates two unique Adamson 8.5" Kevlar, Neodymium drivers - one 8.5" bass driver and one 8.5" midrange driver, and one B&C DE 900 compression driver mounted on a patented Adamson wave shaping sound chamber.

The sound chamber has a defined coverage pattern of 5-degrees V by 120-degrees H, and is similar to the inner body of a Yaxis drive module with a few modifications. This chamber gives the SpekTrix a slightly curved iso-phase wave front similar to that of a Yaxis system.

The SpekTrix features Adamson's new Revolving Disk Rigging System. All hardware is recessed, attached *and* hidden inside the box when arrayed, making the cabinets perfect for industrial applications where you want a system to look discreet. A single person can easily set up an entire array.

The SpekTrix rigging frame is equipped with a single threaded moving pick point, so the center of balance and tilt angle can be precisely adjusted with little effort.

The sleek, trapezoidal SpekTrix cabinet weighs only 62 lbs, and is constructed from rugged 5/8" Baltic birch with a dual component black speckle coat finish.

All SpekTrix cabinets are supplied with lightweight, rugged aluminum dolly boards (four cabinets per dolly), with flight cases available upon request.

FEATURES

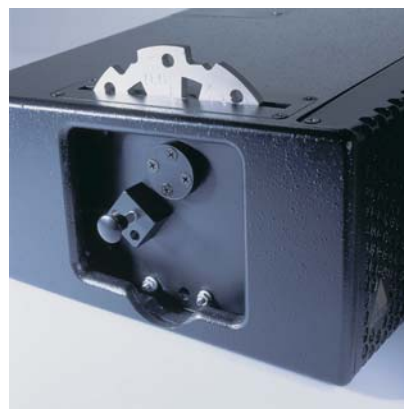
- Patented Adamson wave shaping sound chamber
- One Adamson SpekTrix 8.5" neodymium LF driver
- One Adamson SpekTrix 8.5" neodymium MF driver
- One B&C DE 900 1.4" neodymium compression driver
- Revolving Disk Rigging system
- Aluminum rigging frame
- Aluminum Dolly Board for 4 enclosures

PHYSICAL DATA

Dimensions & Weight	
Height (cm)	8.6" (22cm)
Width (cm)	27.9" (71cm)
Depth (cm)	18.91" (48cm)
Weight (Kg)	62lb (28.15kg)
Shape	5 degree trapezoid
Finish	Black Dual Component Polyurethane Resin
Optional Accessories	Aluminum Rigging Frame
Rigging	Revolving Disk Rigging with 6 precise rigging angles on Logarithmic scale
Protective grille	16 Gauge cold steel
Cabinet Construction	Rugged 11 ply Baltic Birch

TECHNICAL DATA

Frequency Range @ +/-3dB	80Hz to 18KHz
Frequency range with Sub	35 Hz To 18kHz
MF Section (Impedance Ω)	1 x 8.5" Mid-Bass (8 Ω) 1 x 8.5" Mid-Range (8 Ω)
HF Section (Impedance Ω)	1 HF Neodymium Compression Driver (8 Ω)
Power Handling (Watts RMS)	
LF	250
LF Peak	500
MF	250
MF Peak	500
HF	80
HF Peak	160
Connection	Neutrik Speakon™ NL8



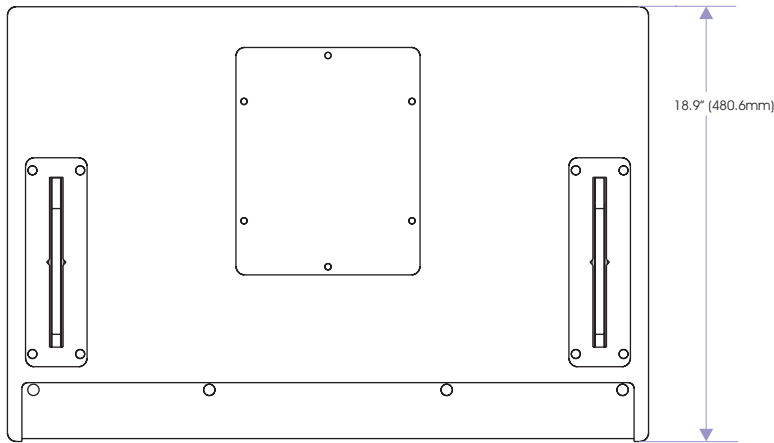
SPEKTRIX



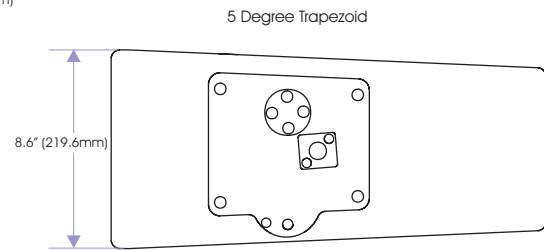
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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

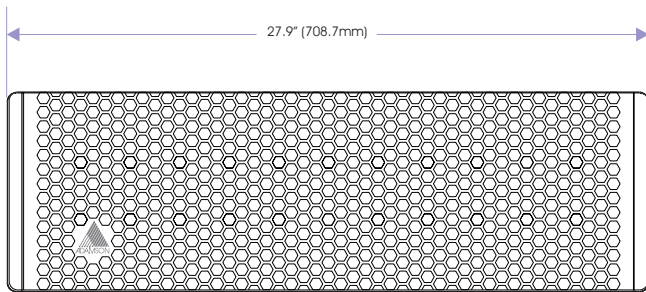
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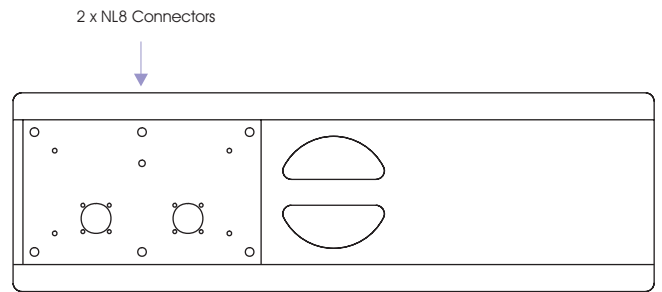
Top and bottom View



Side View



Front View



Back View

Rigging System



SPEKTRIX

DESCRIPTION

The new Adamson Revolving Disk Rigging system is embedded in the SpekTrix cabinet and offers six precise rigging angles on a logarithmic scale. (Refer to the Adamson Shooter Software)

The rigging system consists of a rotating wheel, with no extra accessories needed. Everything is embedded in the cabinet and set up requires only one person.

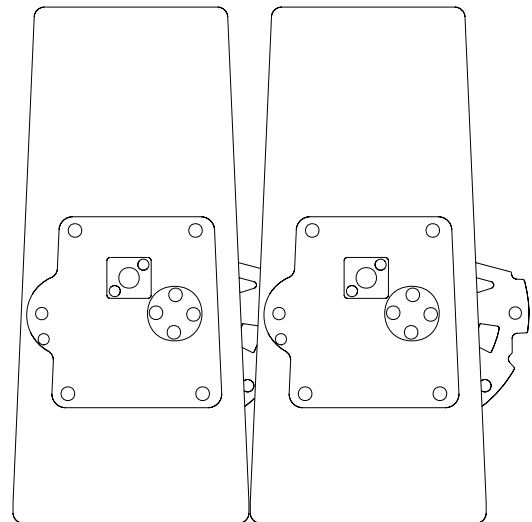
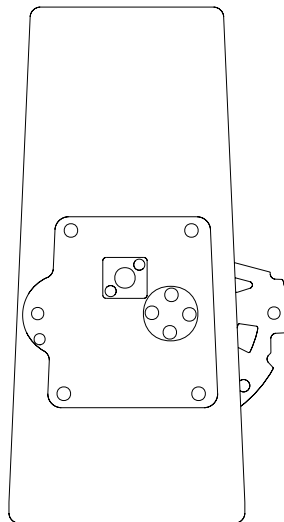
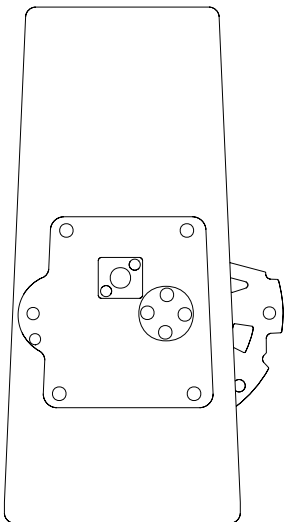
RIGGING STEPS

Step 1:

Set the angle on the box by rotating the Revolving Disk with the handle. Both the wheel and the handle provide indications on the actual set up angle.

Step 2:

Slide the disk in the slot of the next box and pin it using the integrated locking pin system.



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