

## **SPEKTRIX** **SUB**

- HIGH SOUND PRESSURE LEVELS
- CONVENTIONAL or TRUE CARDIOID PERFORMANCE
- ENCLOSURE DESIGNED FOR MAXIMUM EFFICIENCY
- FREQUENCY RESPONSE OF 40 - 160Hz
- COMPACT & VERSATILE DESIGN
- AIR™ SYSTEM FLYING HARDWARE

Designed as a companion to our SpekTrix compact line array cabinet, the SpekTrix Sub is the first Adamson enclosure to introduce Convertible Cardioid Technology, and is a single-sided box that can be arrayed conventionally (all facing the same way) or can be arrayed in back-to-front pairs for true cardioid performance.

The SpekTrix Sub is equipped with two powerful AW18 Kevlar bass drivers mounted in a tuned, vented and fully braced cabinet. The precision-machined, spring-loaded rigging hardware recesses into the cabinet when not in use and works in conjunction with other AIR™ system rigging elements to allow for a variety of configurations - attach the subs to the rigging frame and hang the SpekTrix underneath them, or stack your subs directly on the floor and ground stack your array on top.

The SpekTrix Sub loads in pairs on an aluminum dolly board and has been designed to ensure an easy truck pack.



# technical specifications

## SPEKTRIX SUB



### DESCRIPTION

A compact, sub-bass loudspeaker designed to provide high SPL extended bass to Adamson SpekTrix enclosures, the SpekTrix Sub is equipped with two powerful AW18 18" Kevlar low frequency drivers in a tuned, vented enclosure.

The cabinet is fully braced to minimize LF resonance and maximize efficiency. Four sets of captured, precision-machined aluminum rigging hardware are spring-loaded and retract into the cabinet body when not in use; and four NL8 connectors (two front, two back) enable easy cable loop-thru regardless of the sub's orientation.

### APPLICATIONS

- Live Concert Reproduction
- Drum Fill & Side Fill Monitoring
- Theaters
- Houses of Worship
- Clubs

### FEATURES

- Dual AW18 18" Kevlar Bass drivers
- Frequency Response of 40 - 160 Hz
- Efficient Cabinet Design
- Durable, Dual Component Finish
- Captured, Spring-Loaded Precision Rigging Hardware
- Easy Truck Pack

### PHYSICAL DATA

Dimensions & Weight	
Height (cm)	23" (58.5cm)
Width (cm)	28" (64cm)
Depth (cm)	32" (84cm)
Weight (Kg)	170lb (77kg)
Shape	Rectangular
Finish	Black Water Based Bake Enamel
Flying Points	Four sets of captured rigging: spring-loaded precision machined aluminum
Protective grille	14 Gauge cold steel
Cabinet Construction	Rugged 15-ply Baltic Birch, internally braced
Accessories	Aluminum Dolly Board
Optional Accessories	SpekTrix Aluminum Rigging Frame

### TECHNICAL DATA

Frequency Response (+/-3dB)	
Full Range Preset	40Hz - 160Hz
Frequency Range	
Xover Preset	35 Hz – 110 Hz
Maximum SPL (Continuous)	132dB
Directivity	Convertible to Cardioid
LF Section	Two Adamson AW18 18" Kevlar Low Frequency Drivers
Power Handling (AES / Program / Peak)	
LF	600 / 1200 / 2400
Nominal Impedance	4 ohms
Sensitivity (2.83V @ 1m)	105.8dB
Connection	Neutrik Speakon™ NL8 (2 front, 2 rear)



Adamson Systems Engineering Inc.  
1401 Scugog Line 6, Port Perry, ON L9L 1B2  
T: [905] 982 0520 F: [905] 982 0609  
[www.adamsonproaudio.com](http://www.adamsonproaudio.com)  
[sales@adamsonproaudio.com](mailto:sales@adamsonproaudio.com)

SPEKTRIX

Specifications Are Subject To Change Without Notice