

product specifications



SPEKTRIX_W

- FULL 3-WAY CABINET
- TRUE LINE-SOURCE
- AIR™ SYSTEM PRECISION FLYING HARDWARE
- ADAMSON WAVE SHAPING SOUND CHAMBER
- COMPACT & LIGHTWEIGHT

The SpekTrix W brings a new element of versatility to the SpekTrix compact line array series, while offering all the benefits of line-source technology via its patented Adamson wave shaping sound chamber.

The 15-degree trapezoidal cabinet design makes it easy to achieve extreme downward angles at the bottom of an array - ensuring optimal coverage in the front rows - and is perfect for use in wide vertical coverage array designs (for instance, in theaters with multiple balconies).

The SpekTrix W incorporates the revolutionary AIR™ (Adamson Integrated Rigging) system and offers three precise rigging angles on a revolving disk.

Suitable for touring applications, various fill requirements and installation in small- to medium-sized clubs, theatres and houses of worship, the SpekTrix W raises the bar and delivers the full features and flexibility you need in a compact system.



technical specifications



SPEKTRIX^W

DESCRIPTION

The Adamson SpekTrix W is a three-way cabinet that exhibits extremely high output for a compact box.

The 15-degree trapezoidal enclosure incorporates two unique Adamson 8.5" Kevlar, neodymium drivers - one ND8-L mid-bass driver and one ND8-M mid-range driver, and one B&C DE 900 compression driver mounted on a patented Adamson wave shaping sound chamber.

The sound chamber produces a slightly curved, iso-phase wave front, and has a defined coverage pattern of 15-degrees Vertical by 120-degrees Horizontal.

The SpekTrix W features AIR™ (Adamson Integrated Rigging) system flying hardware, with three precise rigging angles on a revolving disk.

The sleek, trapezoidal SpekTrix cabinet weighs only 64 lbs, and is constructed from rugged 5/8" Baltic birch with a dual component black speckle coat finish.

APPLICATIONS

- Patented Adamson wave shaping sound chamber
- Adamson ND8-L 8.5" Kevlar neodymium LF driver
- Adamson ND8-M 8.5" Kevlar neodymium MF driver
- 1.5" neodymium compression driver
- AIR™ System precision flying hardware

FEATURES

- Various fill applications
- Wide vertical coverage array design
- Touring sound
- Houses of Worship
- Theatres and Clubs

PHYSICAL DATA

Dimensions & Weight	
Height (cm)	10.4" (26.4cm)
Width (cm)	27.9" (71cm)
Depth (cm)	18.9" (48cm)
Weight (Kg)	64 lbs (29.03kg)
Shape	15 degree trapezoid
Finish	Black Water Based Bake Enamel
Optional Accessories	Aluminum Rigging Frame
Rigging	AIR™ Revolving Disk Rigging with 3 precise rigging angles
Protective grille	16 Gauge cold steel
Cabinet Construction	Rugged 11 ply Baltic Birch

TECHNICAL DATA

Frequency Response (+/-3dB)	
with Full Range Preset	80 Hz to 18 KHz
	35 Hz To 18 kHz with Sub
Frequency Range	
with Xover Preset	110 Hz – 18 kHz
Maximum SPL (Continuous)	
Xover Preset	130.1dB / 136.1dB
Full Range Preset	129.8dB / 135.8dB
Maximum SPL (Peak)	
with Preset Xover mode	136.1dB
with Preset Full Range	135.8dB
Directivity	
Horizontal	120 degrees
Vertical (per element)	15 degrees
Sensitivity (2.83V @ 1m)	
LF	94.5dB / 80 Hz – 250 Hz
MF	99dB / 250 Hz – 900 Hz
HF	112dB / 900Hz – 18kHz
LF Section (Impedance ohms)	
ND8-L 8.5" Kevlar neodymium Mid-Bass driver (8ohms)	
MF Section (Impedance ohms)	
ND8-M 8.5" Kevlar neodymium Mid-Range driver (8ohms)	
HF Section (Impedance ohms)	
B&C DE 900 1.5" compression driver (8 ohms)	
Power Handling (Watts RMS)	
LF	250 / 500 / 1000
MF	250 / 500 / 1000
HF	80 / 160 / 320
Connection	Neutrik Speakon™ NL8



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