



# ADAMSON

BUILT. STRONG.

Metrix & SpekTrix  
Configurations



# Metrix & SpekTrix Configurations

The Metrix and SpekTrix family of loudspeakers has been recognized by audio professionals world-wide for performance that achieves unmatched clarity and responsiveness in the far field. Through the use of Kevlar Neodymium drivers and high-powered 3" high frequency drivers, these systems pack an impressive amount of punch into a small footprint.

The Metrix and SpekTrix family is intended for use in the installation, and rental markets. It is also a powerful front fill solution for the touring industry. As a standard, it comes painted black, but any RAL color can be applied.

We've partnered with industry experts that can add to what is already a rock solid foundation. Whether it is amplification, control, networking and monitoring, our package is built to perform and endure. Our partnerships have been made with companies that are leading the industry in their technologies and in their ideologies: Dante-networking, Lake-processing and Lab.gruppen-amplification.

System configurations herein can be optimized and paired with a broad offering of Adamson products to meet the needs of any fixed installation or rental provider needs.



# Advanced Technology

Adamson's Metrix and SpekTrix series offer all the benefits of a true line-source array via our patented wave shaping sound chamber technology. One 8" Kevlar Neodymium driver handles the low-mid frequency range in the Metrix's 2-way active design, while two 8" Kevlar Neodymium drivers handle the low and mid frequency bands in the SpekTrix's 3-way active design. Both enclosures utilize 1.4" exit compression drivers, which provide smooth and powerful top end. Both the Metrix and the SpekTrix are designed with a coverage pattern of 5° vertical by 120° horizontal and produce a slightly curved wave front, while the WAVE (Wide Angle Vertical Enclosure) model of each expands vertical coverage to 15° to act as a perfect downfill solution. 5° and 15° enclosures are critically optimized to be driven from the same amplification and DSP channel.

The AIR™ rigging system is simple and effective. It consists of a laser-cut revolving disk on both sides of the box, allowing for 6 splay positions. For fixed installations, all enclosures can be delivered with the EIR™ rigging option.

Both the Metrix and SpekTrix have a dedicated subwoofer which makes use of Adamson's Cardioid Convertible Technology, allowing for easy and clean looking front-back cardioid deployments. The Metrix Sub employs dual 15" drivers, while the SpekTrix Sub delivers more radiating cone surface with dual 18" drivers. For 5-way options and extended lowend the A218 pairs seamlessly with both the Metrix and SpekTrix series.



# Metrix



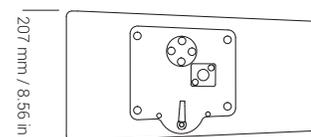
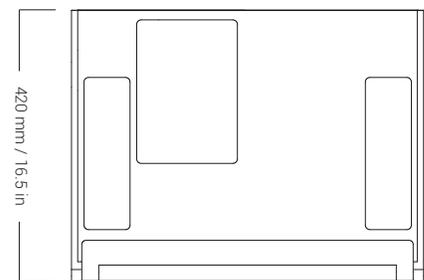
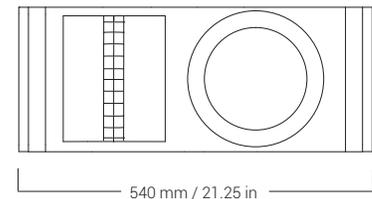
The Adamson Metrix is an ultra compact 2-way true line source array enclosure. It provides unmatched clarity for corporate speech reinforcement and live events requiring outstanding SPL within a small footprint. Perfect for small to mid-size venue installations. It shines as an underhang-, side-, front- or balcony fill enclosure in larger installations. The Metrix offers lightning fast rigging perfect, for small tours or theater installations that require a flexible system offering for their client base. The Metrix line is available with AIR™ laser cut steel touring rigging (-t), or with EIR™ installation rigging (-i) with reduced weight and cost.

The Metrix houses the Adamson ND8-LM 8" Kevlar neodymium low-mid frequency driver optimized for this 2-way enclosure, and B&C's DE800 1.4" HF compression driver with an Adamson patented high frequency wave shaping chamber. The result is clear, clean high end, with a full and warm mid-range.

## Specifications

Frequency Range (+/- 3dB)	95 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	120° x 5°
Maximum Peak SPL **	136.5 dB
Components LF	ND8-LM 8" Kevlar Neodymium Driver
Components HF	B&C DE800 3" Diaphragm / 1.4" Exit Compression Driver
Nominal Impedance LF	16 Ω
Nominal Impedance HF	16 Ω
Power Handling (AES / Peak) LF	250 / 1000 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	AIR™ Revolving Disc System (Touring) or EIR™ Plate System (Install)
Connection	2x Speakon™ NL8
Height Front (mm / in)	217 / 8.56
Width (mm / in)	540 / 21.25
Depth (mm / in)	420 / 16.5
Weight (kg / lbs)	24.2 / 53.5 (-t), 19.7 / 43.5 (-i)
Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, free field, using specified processing and amplification



# Metrix W



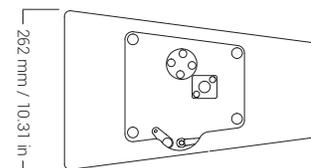
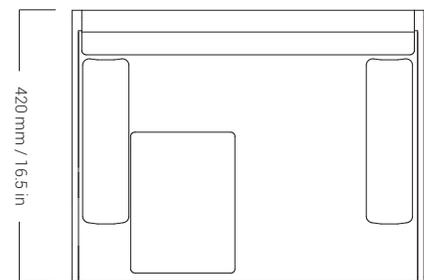
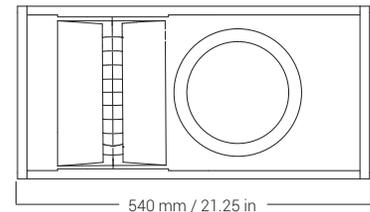
The Adamson Metrix W is an ultra compact 2-way true line source array enclosure which provides unmatched clarity for speech reinforcement. The 15° trapezoidal cabinet design makes it easy to achieve extreme downward angles at the bottom of an array - ensuring optimal coverage in the front rows - and is perfect for use in wide vertical coverage array designs (for instance, in theaters with multiple balconies).

Similar to the high-end SpekTrix W, the Metrix W houses an Adamson ND8-LM 8" Kevlar neodymium mid-low frequency driver optimized for this 2-way enclosure, and B&C's DE800 3" / 1.4" HF compression driver with an Adamson patented high frequency wave shaping chamber. The result is clear, clean high end, with a full and warm mid-range.

## Specifications

Frequency Range (+/- 3dB)	95 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	120° x 15°
Maximum Peak SPL **	136.5 dB
Components LF	ND8-LM 8" Kevlar Neodymium Driver
Components HF	B&C DE800 3" / 1.4" Exit Compression Driver
Nominal Impedance LF	16 Ω
Nominal Impedance HF	16 Ω
Power Handling (AES / Peak) LF	250 / 1000 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	AIR™ Revolving Disc System (touring) or EIR™ Plate System (Install)
Connection	2x Speakon™ NL8
Height Front (mm / in)	262 / 10.31
Width (mm / in)	540 / 21.25
Depth (mm / in)	420 / 16.5
Weight (kg / lbs)	24.2 / 53.5 (-t), 19.7 / 43.5 (-i)
Supported Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, free field, using specified processing and amplification



# Metrix Sub



This ultra compact line array loudspeaker is a convertible cardioid sub; a single-sided box that can be arrayed conventionally or arrayed in back-to-front pairs for true cardioid performance. The Metrix Sub is equipped with two newly designed, powerful 15" ND15-S Kevlar neodymium bass drivers, mounted in a tuned, vented and fully braced cabinet.

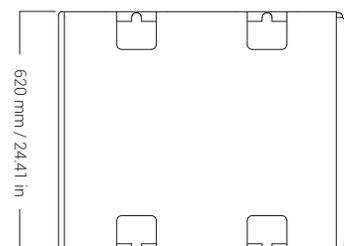
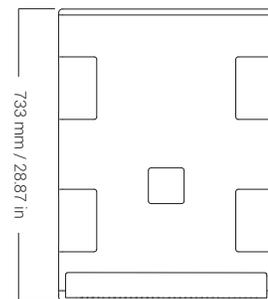
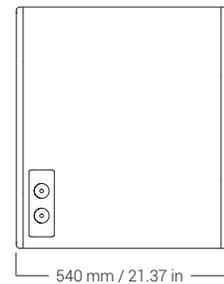
The Metrix Sub features precision-machined, rigging hardware that recesses into the enclosure when not in use and works in conjunction with other AIR™ system rigging elements to allow for a variety of configurations - attach the subs to the rigging frame and hang the Metrix enclosures underneath them, or place your subs directly on the floor and ground stack your array securely on top using the same rigging frame.

The Metrix Sub is also available free of rigging hardware as an installation model (-i).

## Specifications

Frequency Range (+/- 3dB)	40 Hz - 160 Hz
Maximum Peak SPL **	136.3 dB
Components LF	2x ND15-S 15" Kevlar Neodymium Driver
Nominal Impedance LF	4 Ω
Power Handling (AES / Peak) LF	2x 500 / 2x 2000 W
Rigging	Spring loaded, captured aluminum rigging
Connection	5x Speakon™ NL8: 2x Front (Pin 2 +/-), 2x Rear Parallel (Pin 1 +/-) and 1x Rear Output (Pin 2 to 1)
Height Front (mm / in)	620 / 24.41
Width (mm / in)	540 / 21.37
Depth (mm / in)	733 / 28.87
Weight (kg / lbs)	58.7 / 129.5 (-t), 53.2 / 117.5 (-i)
Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, half space, using specified processing and amplification



# SpekTrix



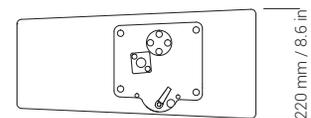
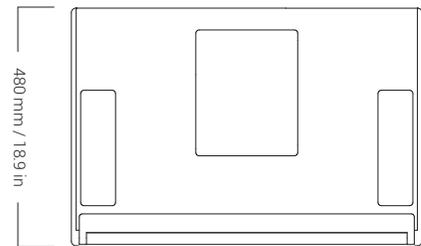
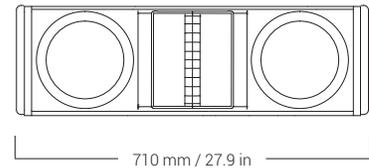
Designed for optimal ease-of-use, the Adamson SpekTrix is a three-way active loudspeaker that employs two dedicated 8" Kevlar neodymium drivers and one 1.4" exit high frequency compression driver mounted on a proprietary wave shaping sound chamber. SpekTrix offers a defined coverage pattern of 120° x 5° (H x V).

The AIR™ rigging system is simple and effective, consisting of a laser-cut revolving disk allowing for 6 splay positions. The enclosure is also available with EIR™ installation rigging (-i), a plate system that reduces cost and weight.

## Specifications

Frequency Range (+/-3 dB)	100 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	120° x 5°
Maximum Peak SPL **	139.1 dB
Components LF	ND8-L 8" Kevlar Neodymium Driver
Components MF	ND8-M 8" Kevlar Neodymium Driver
Components HF	B&C DE900 3" Diaphragm / 1.4" Exit Compression Driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	250 / 1000 W
Power Handling (AES / Peak) MF	250 / 1000 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	AIR™ Revolving Disc System (Touring) or EIR™ Plate System (Install)
Connection	2x Speakon™ NL8
Height Front (mm / in)	220 / 8.6
Width (mm / in)	710 / 27.9
Depth (mm / in)	480 / 18.9
Weight (kg / lbs)	29 / 62 (-t), 23.6 / 52 (-i)
Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, free field, using specified processing and amplification



# SpekTrix W



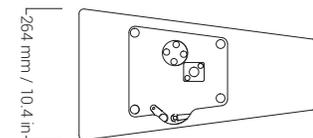
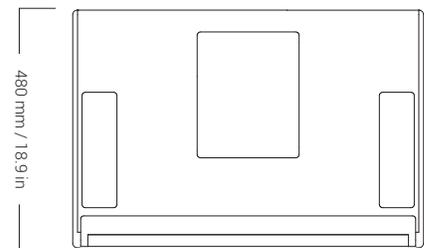
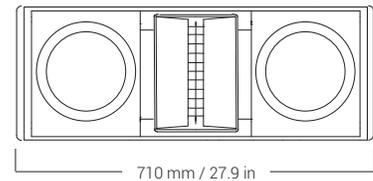
The SpekTrix WAVE (Wide Angle Vertical Enclosure) utilizes the same components as the SpekTrix and can be amplified and processed in parallel with the 5° model. The increased vertical coverage pattern of the 15° SpekTrix W makes it the optimal downfill solution at the bottom of an array and perfect for use in a wide vertical array designs.

The AIR™ rigging system is simple and effective, consisting of a laser-cut revolving disk allowing for 3 splay positions. The enclosure is also available with EIR™ installation rigging, a plate system that reduces overall weight.

## Specifications

Frequency Range (+/-3 dB)	100 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	120° x 15°
Maximum Peak SPL **	139.1 dB
Components LF	ND8-L 8" Kevlar Neodymium Driver
Components MF	ND8-M 8" Kevlar Neodymium Driver
Components HF	B&C DE900 3" / 1.4" Exit Compression Driver
Nominal Impedance LF	8 Ω
Nominal Impedance MF	8 Ω
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	250 / 1000 W
Power Handling (AES / Peak) MF	250 / 1000 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	AIR™ Revolving Disc System (Touring) or EIR™ Plate System (Install)
Connection	2x Speakon™ NL8
Height Front (mm / in)	264 / 10.4
Width (mm / in)	710 / 27.9
Depth (mm / in)	480 / 18.9
Weight (kg / lbs)	29 / 62 (-t), 23.6 / 52 (-i)
Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, free field



# SpekTrix Sub



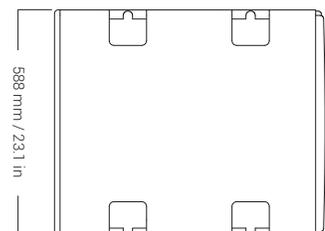
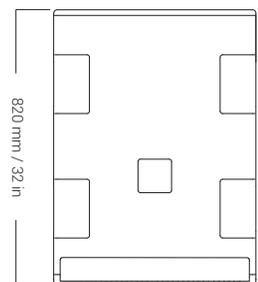
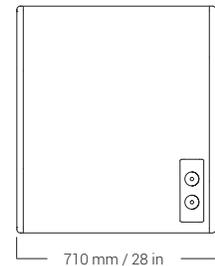
A compact sub-bass loudspeaker designed to provide high SPL low-end extension to SpekTrix line array loudspeakers. It is equipped with two powerful 18" Kevlar cone drivers in a tuned and vented enclosure. The SpekTrix Sub features convertible cardioid technology. It can be arrayed conventionally (all enclosures facing the same way) or in front-back or front-back-front setups for true cardioid performance.

Four sets of captured, precision-machined aluminum rigging hardware are spring-loaded and retract into the body when not in use. Four NL8 connectors (two front, two back) enable easy cable loop-thru regardless of the cabinet orientation.

## Specifications

Frequency Range (+/- 3dB)	35Hz - 110Hz
Maximum Peak SPL **	138 dB
Components LF	2x AW18 18" Kevlar Driver
Nominal Impedance LF	4 Ω
Power Handling (AES / Peak) LF	2x 600 / 2x 2400 W
Rigging	Spring loaded, captured aluminum rigging
Connection	4x Speakon™ NL8: 2x Front (Pin 2 +/-), 2x Rear (Pin 1 +/-)
Height Front (mm / in)	588 / 23.1
Width (mm / in)	710 / 28
Depth (mm / in)	820 / 32
Weight (kg / lbs)	77 / 170
Supported Processing	Lake, XTA

\*\*12 dB crest factor pink noise at 1m, half space, using specified processing and amplification



# A218



Adamson's new A218 houses 2 ND18-S Kevlar Neodymium sub-bass drivers in a front-loaded baltic birch cabinet. The sub is designed to be multi-purpose, and can provide low extension for many of our compact systems, such as the SpekTrix™, Metrix™ or Point Series™.

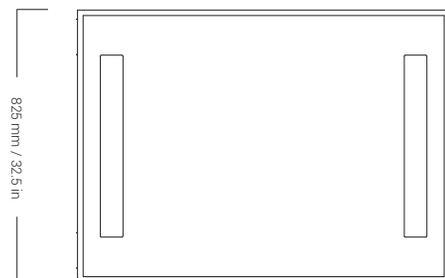
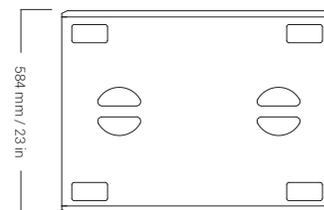
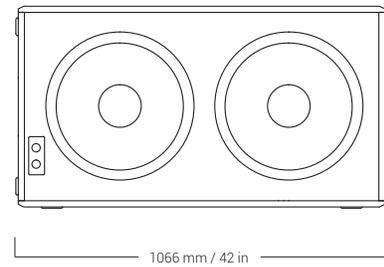
The A218 has two connection points (NL4) on both the front and the back of the cabinet, making cardioid setup easy and clean looking.

An optional Caster/Cover Kit is available for easy transportation and protection of the cabinet.

## Specifications

Frequency Range (+/- 3dB)	40Hz - 110Hz
Maximum Peak SPL**	138.4 dB
Components LF	2x ND18-S 18" Kevlar Neodymium Drivers
Nominal Impedance LF	4.5 Ω
Power Handling (AES / Peak) LF	2x 800 / 2x 3200 W
Connection	4x Neutrik Speakon™ NL4: 2x Front (Pin 2 +/-), 2x Rear (Pin 1 +/-)
Height Front (mm / in)	584 / 23
Width (mm / in)	1066 / 42
Depth (mm / in)	825 / 32.5
Weight (kg / lbs)	65 / 142
Processing	Lake, XTA

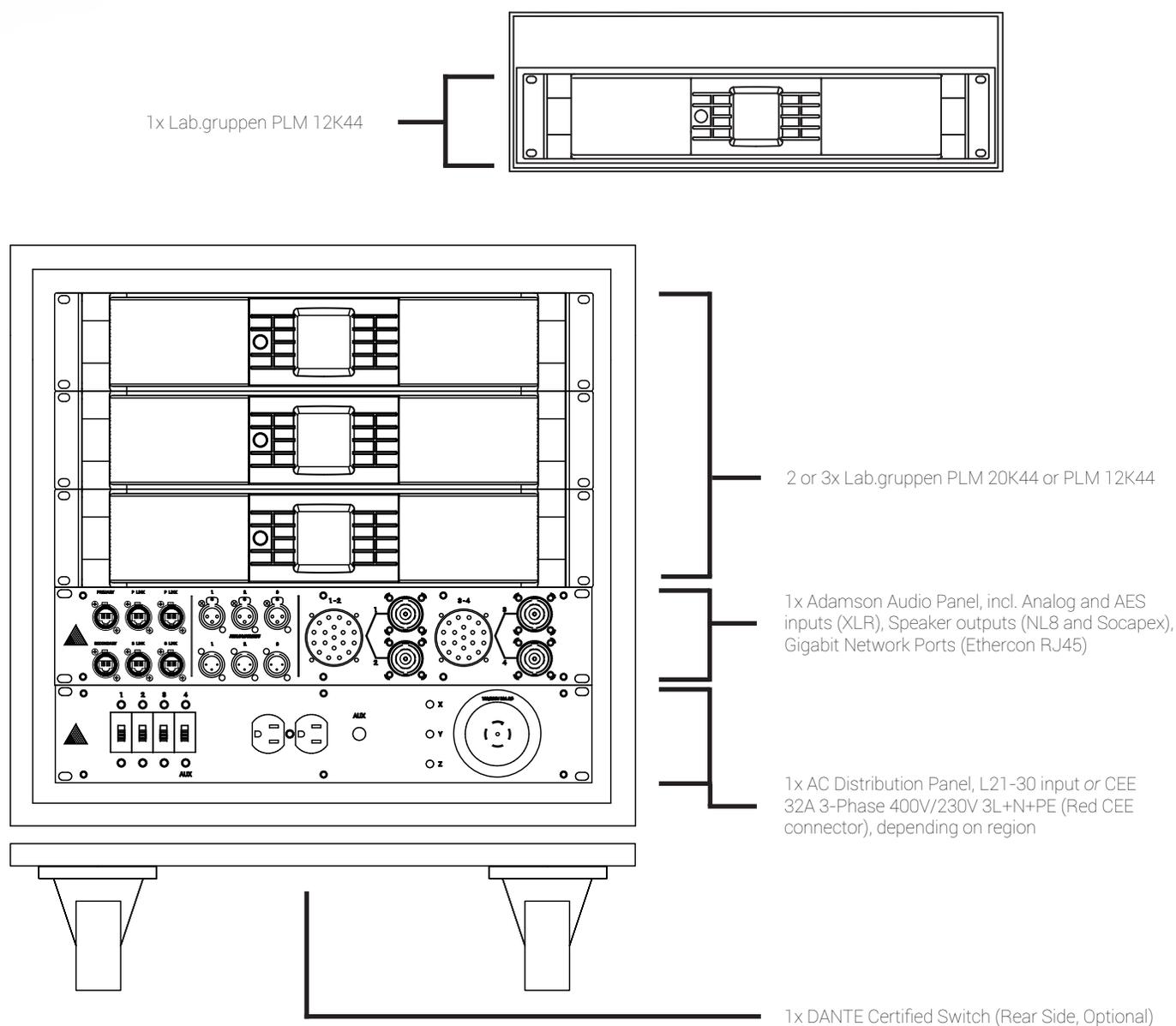
\*\*12 dB crest factor pink noise at 1m, half space, using specified processing and amplification



# Metrix & SpekTrix Configurations

## E-Rack Components

Adamson's amp rack philosophy is to allow for outstanding flexibility, power and control, while maximizing use-of-space. Depending on the size of your configuration, 2 casing options are available. 1-amp briefcase solutions are available for Metrix Compact and Performance sets, and Adamson's E-Rack; a unified rack solution for the remaining sets.



# Recommended System Configurations

## Metrix Sets

### Compact Set (4 Metrix W / 2 Metrix Sub)

- Entry level Metrix configuration
- Plug and play setup
- For small clubs, light music and corporate shows up to 500 audience

### Performance Set (12 Metrix / 4 Metrix Sub)

- Entry level line array configuration
- Medium sized conferences / corporate shows and music for up to 1500
- Only 1x PLM 12K44 per side

### High Performance Set

(16 Metrix / 8 Metrix Sub)

- Large conferences / corporate shows and pop/rock music for up to 3000
- Only 1x PLM 20K44 per side
- Optional upgrade: Add 1x Lab.gruppen PLM 20K44 allowing for 8 A218 Sub woofers, to extend operation mode to 4-way active

# Recommended System Configurations

## SpekTrix Sets

### Compact Set (8 SpekTrix / 4 SpekTrix Sub)

- Minimal amp requirements
- Simple plug & play setup
- Optimized for stacked operation
- Ground stacked and flown setups possible

### Performance Set

(16 SpekTrix / 8 SpekTrix Sub)

- Can be split into two Compact Sets
- Flown and stacked setups possible
- Can complement larger systems (Outfill, Frontfill, Delay, etc.)

### High Performance Set

(24 SpekTrix / 8 SpekTrix Sub / 16 A218)

- Unmatched performance in its class
- Can be split into 2 smaller systems
- Upgradable to 36 SPK / 16 SPB without adding amplifiers
- Easily handles medium size arenas / outdoor festivals (up to 8000 audience)

# Metrix Configurations

## Compact Set (4 Metrix W / 2 Metrix Sub)

This plug & play Metrix rig is perfect for smaller events where a small footprint is desired. One Lab.gruppen PLM 12K44 amplifier drives 2 Metrix and 1 Metrix Sub.



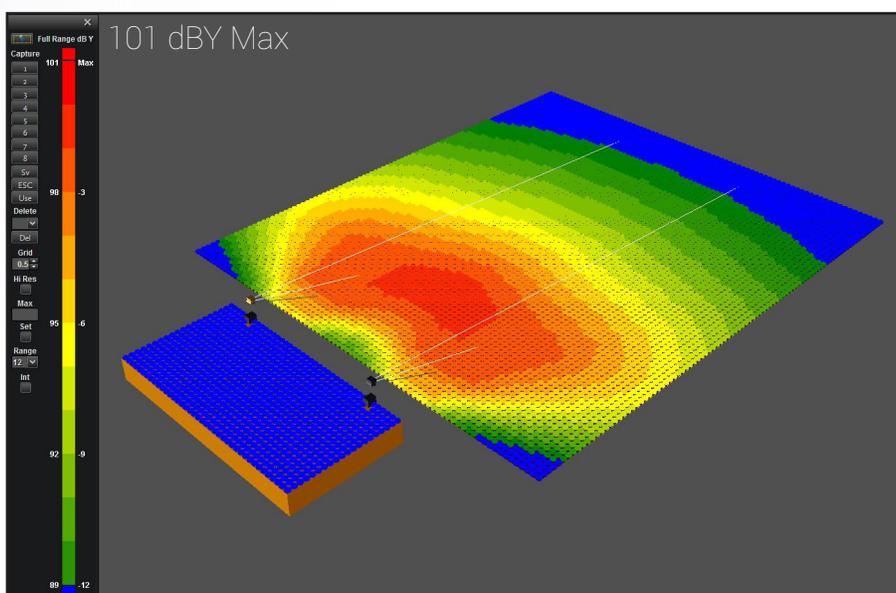
The Compact Set can be increased to the Performance Set without additional amplification.

# Matrix Configurations



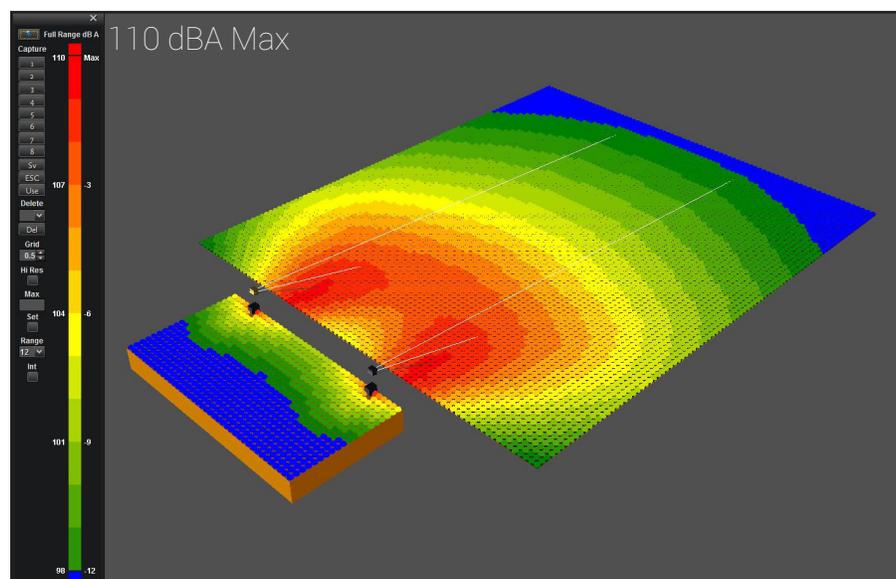
## Compact Set (4 Metrix W / 2 Metrix Sub)

Metrix Compact Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 50m x 40m

Metrix Compact Set A-weighted Simulation

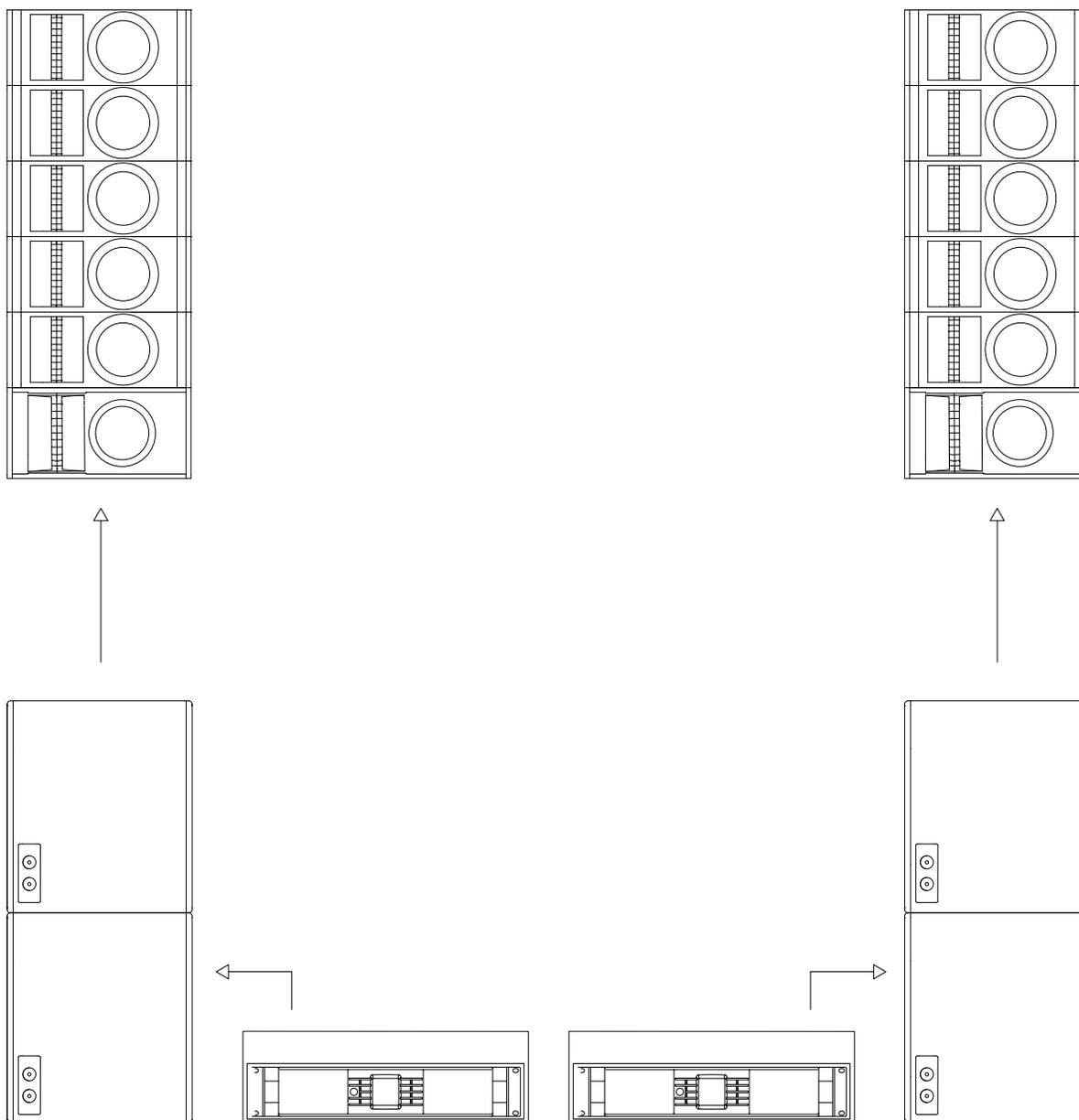


\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 50m x 40m

# Metrix Configurations

## Performance Set (12 Metrix / 4 Metrix Sub)

This versatile Metrix rig can be flown or ground stacked. One Lab.gruppen PLM 12K44 amplifier drives 6 Metrix and 2 Metrix Sub.

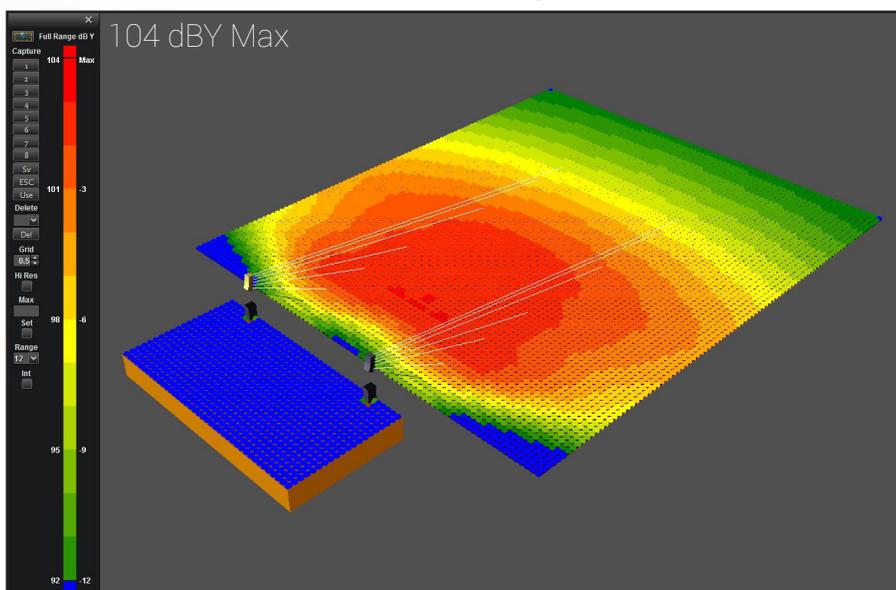


# Metrix Configurations



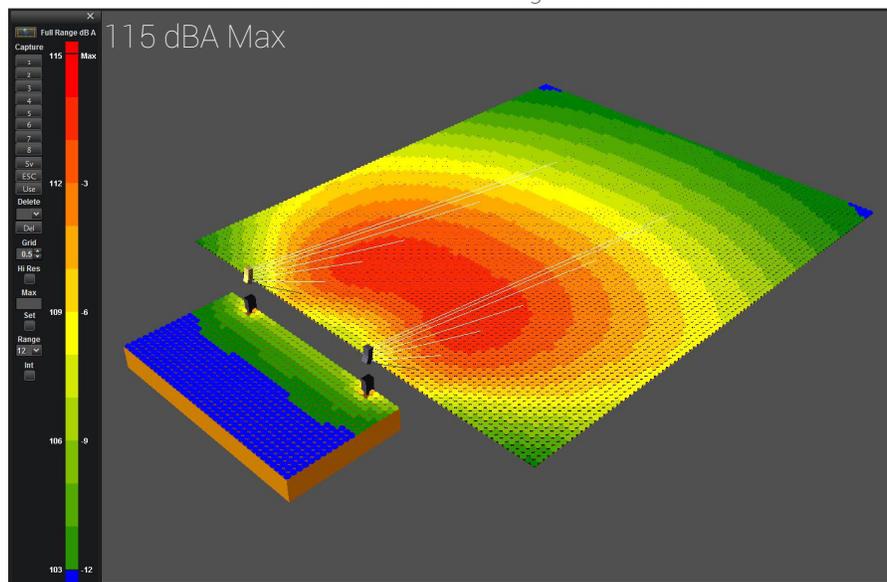
## Performance Set (12 Metrix / 4 Metrix Sub)

Metrix Performance Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 50m x 40m

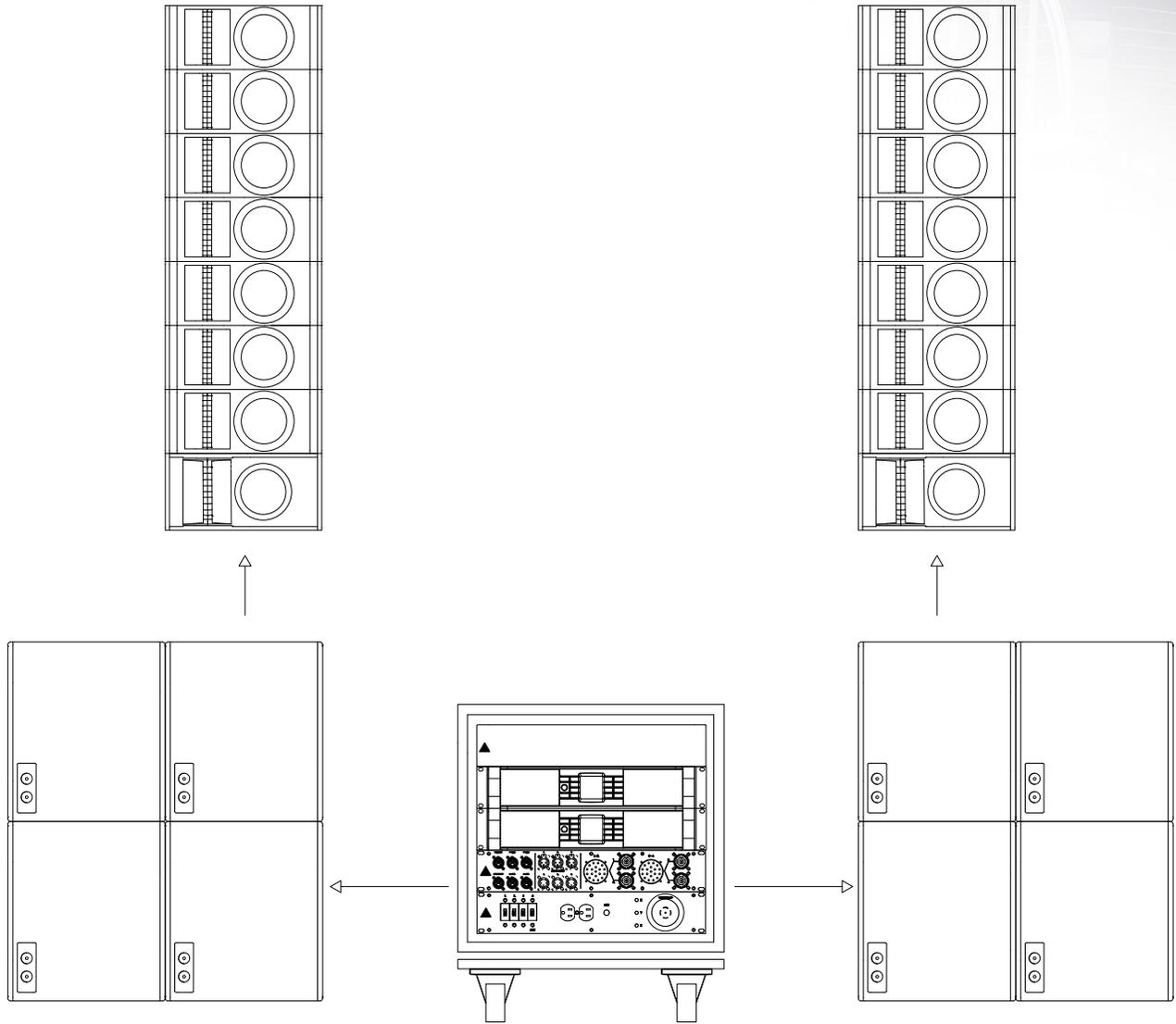
Metrix Performance Set A-weighted Simulation



\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 50m x 40m

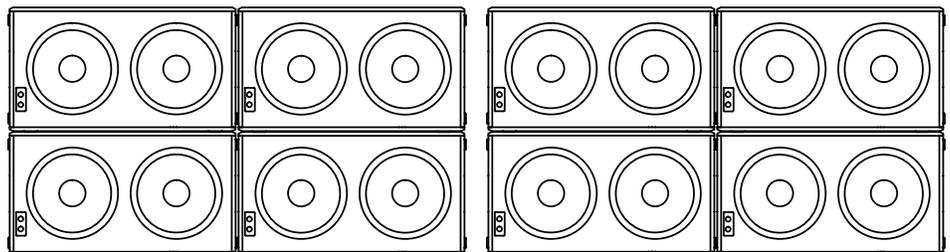
# Metrix Configurations

## High Performance Set (16 Metrix / 8 Metrix Sub)



## Optional Upgrade

Add one more PLM 20K44 to the High Performance package to add infra capabilities allowing for 8 A218 Subwoofers

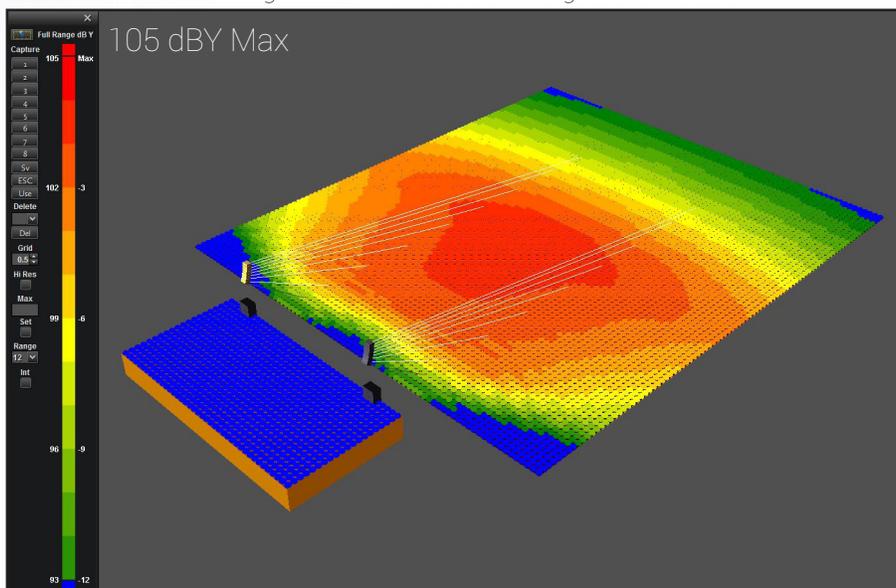


# Metrix Configurations



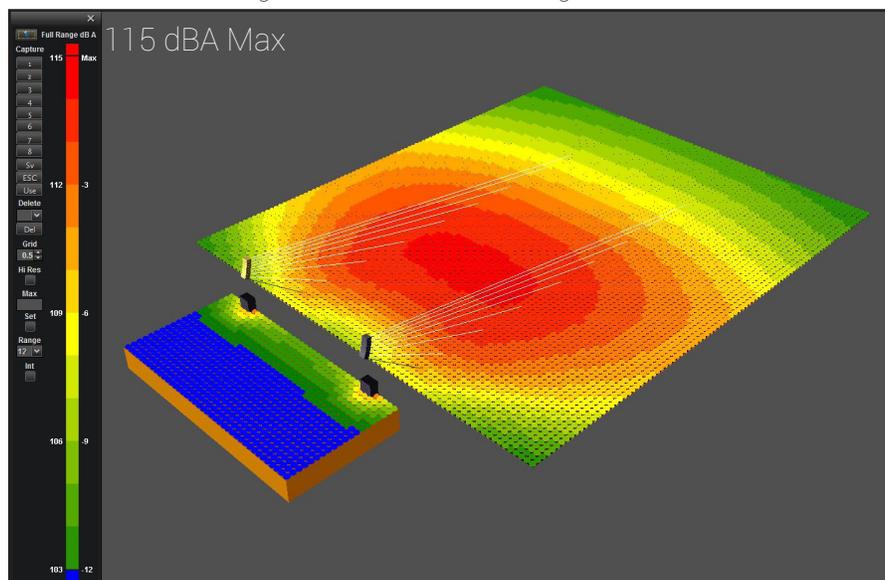
## High Performance Set (16 Metrix / 8 Metrix Sub)

Metrix High Performance Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 50m x 40m

Metrix High Performance Set A-weighted Simulation

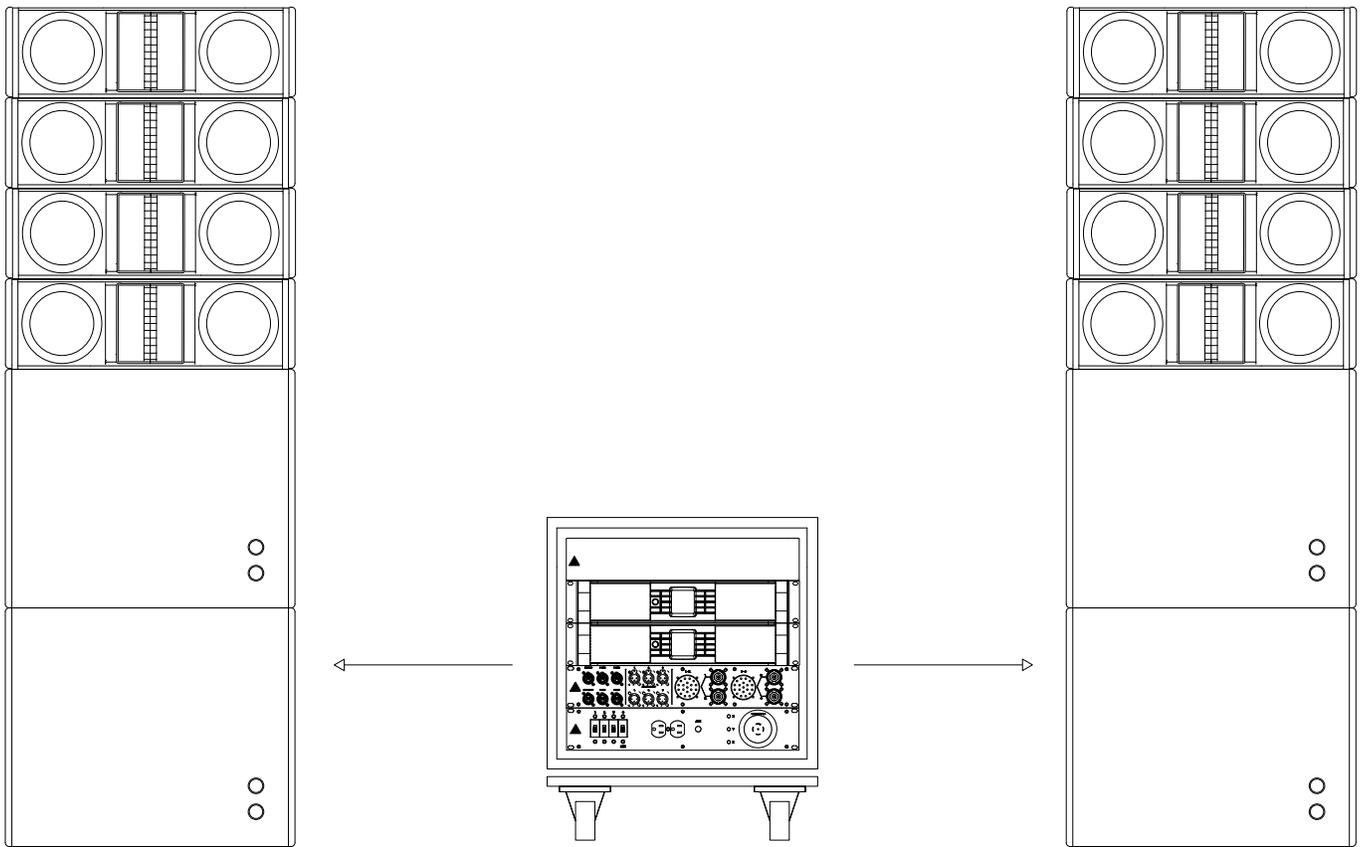


\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 50m x 40m

# SpekTrix Configurations

## Compact Set (8 SpekTrix / 4 SpekTrix Sub)

This plug & play ground stacked SpekTrix rig is very compact and versatile. One Lab.gruppen PLM 12K44 amplifier drives 4 SpekTrix and 2 SpekTrix Subs.



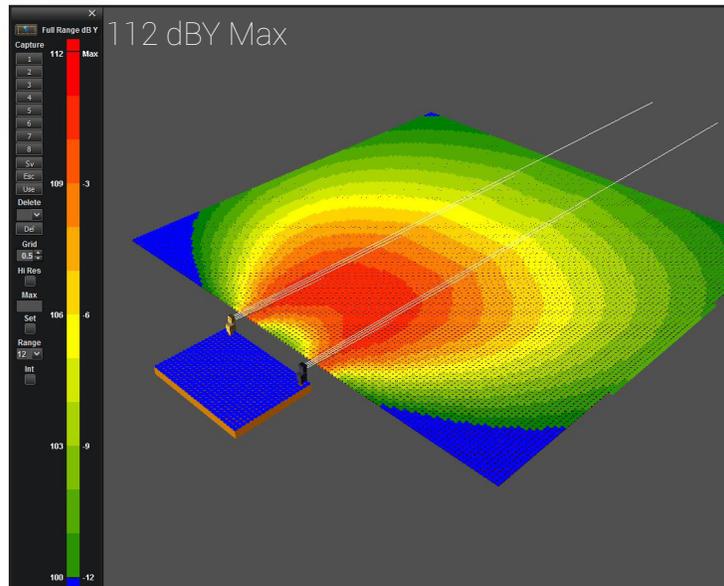
The Compact Set is even more versatile with the addition of two aluminum rigging frames and two SpekTrix WAVES. The frames allow you to fly the system while the WAVES can be used in the place of two 5° cabinets when vertical coverage is an asset.

# SpekTrix Configurations



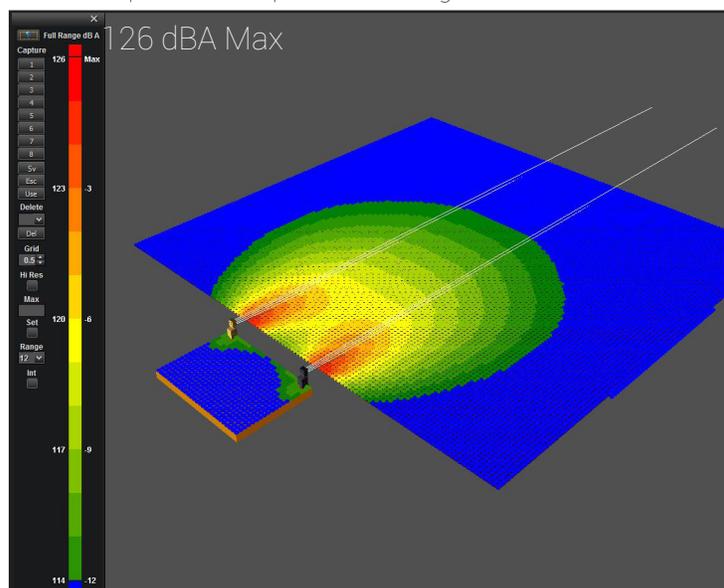
## Compact Set (8 SpekTrix / 4 SpekTrix Sub)

SpekTrix Compact Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 60m x 60m

SpekTrix Compact Set A-weighted Simulation

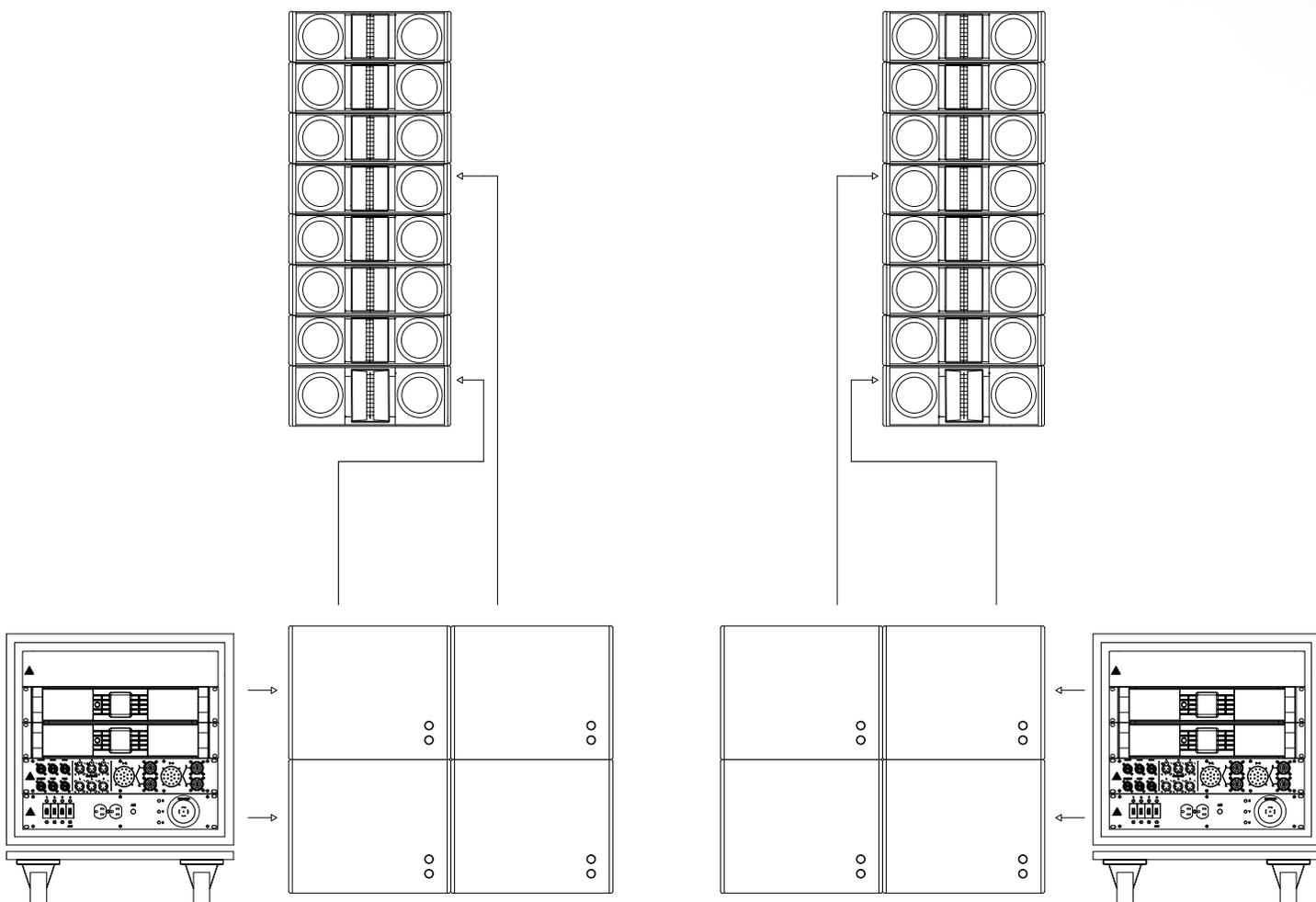


\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 60m x 60m

# SpekTrix Configurations

## Performance Set (14 SpekTrix / 2 SpekTrix W / 8 SpekTrix Sub)

A powerful and versatile plug & play system for flown and ground stacked applications. One Lab.gruppen PLM 12K44 amplifier drives 4 SpekTrix and 2 SpekTrix Subs.



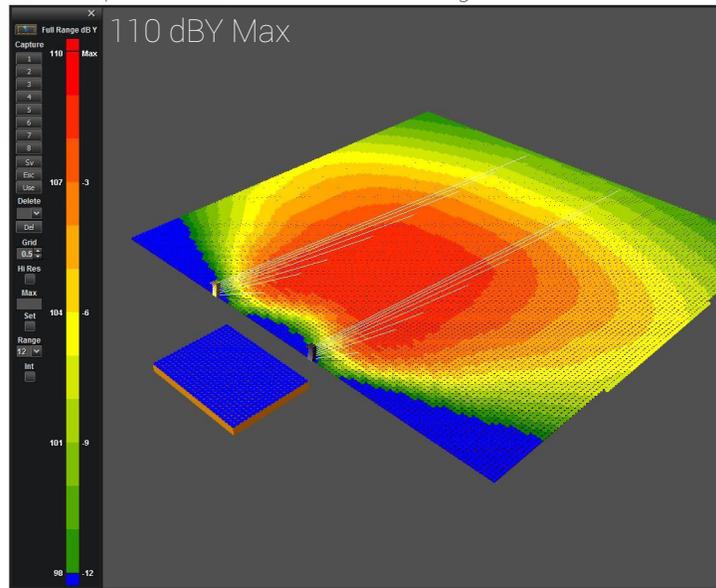
With the items included in the Performance Set, you are already set up to divide your system into two separate Compact Sets, giving you the flexibility to service two smaller events at the same time.

# SpekTrix Configurations



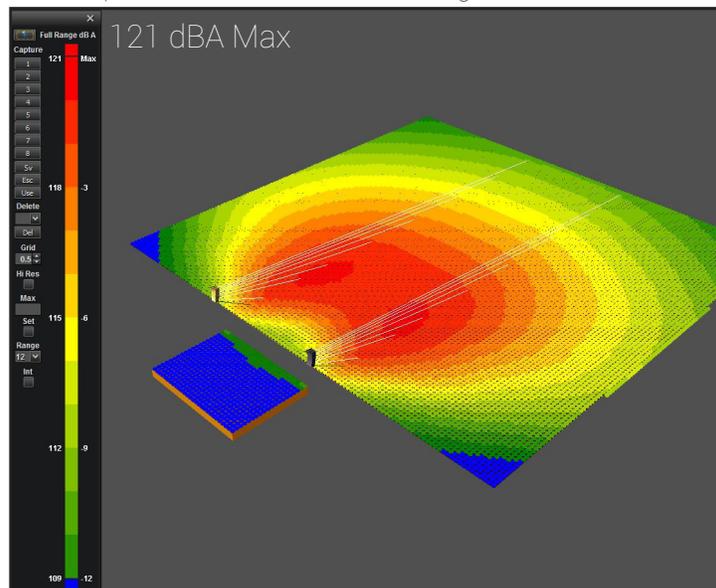
Performance Set (14 SpekTrix / 2 SpekTrix W / 8 SpekTrix Sub)

SpekTrix Performance Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 60m x 60m

SpekTrix Performance Set A-weighted Simulation



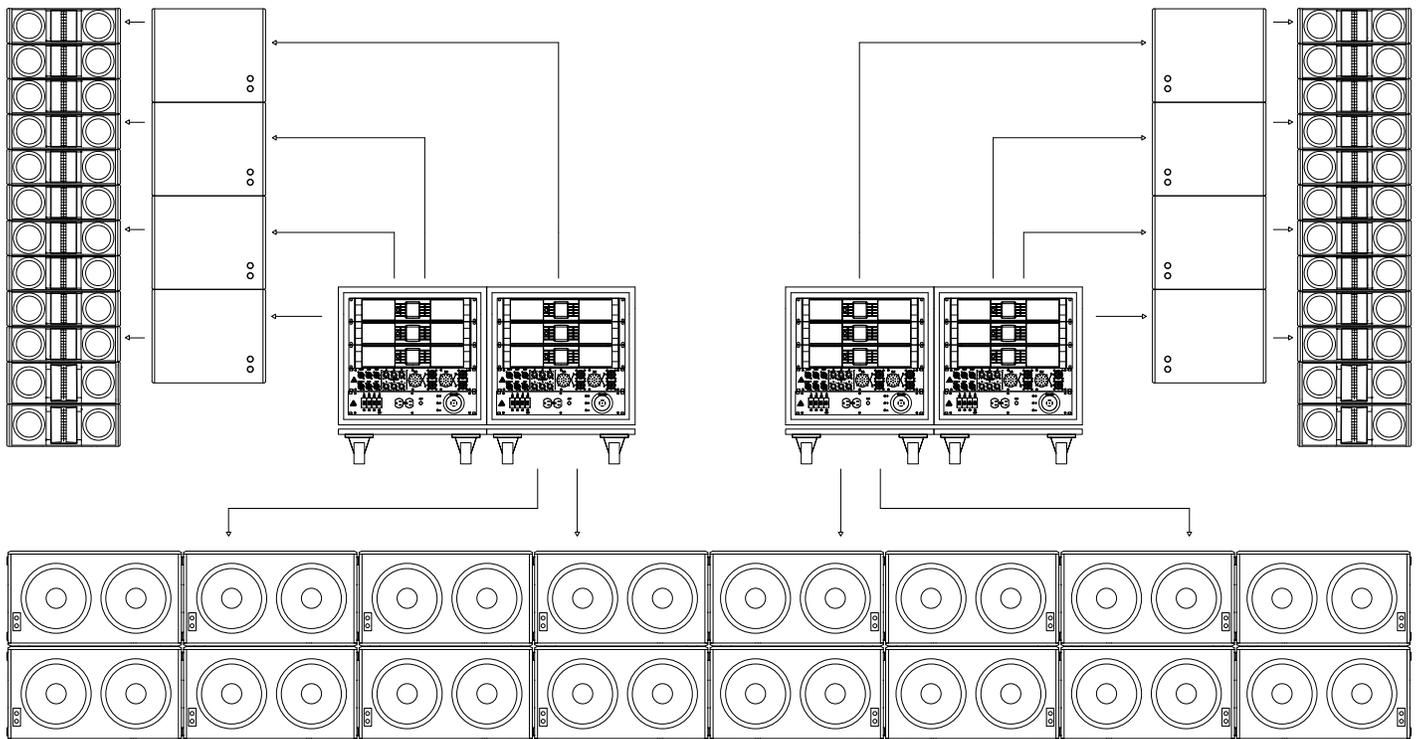
\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 60m x 60m

# SpekTrix Configurations

## High Performance Set

(20 SpekTrix / 4 SpekTrix W / 8 SpekTrix Sub / 16 A218)

The SpekTrix High Performance set achieves best in class performance when compared to any compact array available on the market. It caters to mid-sized arenas and outdoor festivals with a throw up to 60m. One Lab.gruppen PLM 12K44 amplifier drives 3 SpekTrix and 1 SpekTrix Sub or 4 A218s respectively.



The SpekTrix High Performance set can be divided into two smaller systems. You can also expand the system as your company grows by adding 8 SPK and 8 SPB with your existing amps and racks.

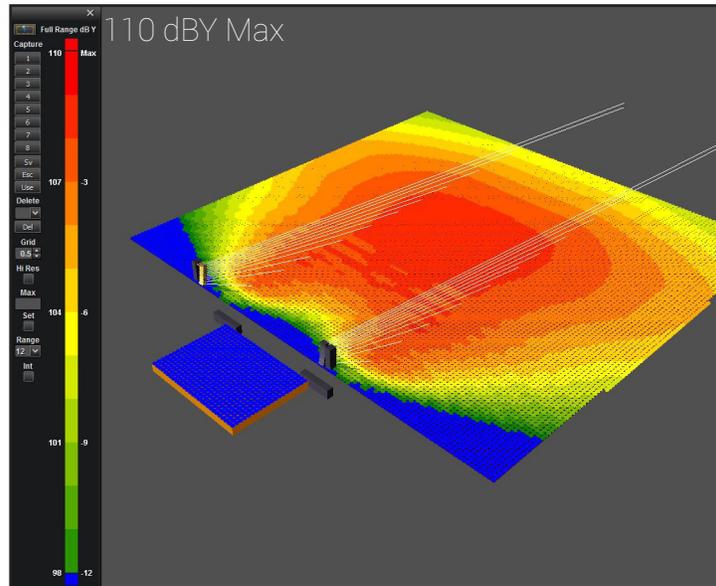
# SpekTrix Configurations



## High Performance Set

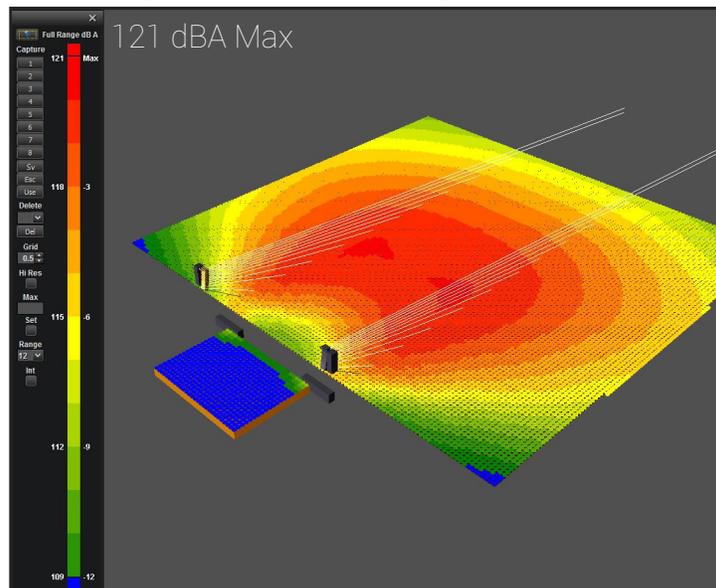
(20 SpekTrix / 4 SpekTrix W / 8 SpekTrix Sub / 16 A218)

SpekTrix High Performance Set Y-weighted Simulation



\*\*Y-weighted decibel scale (2K - 8K) is used to effectively view level variance  
Audience area size: 60m x 60m

SpekTrix High Performance Set A-weighted Simulation



\*\*\*A-weighted sound pressure level representing possible show levels  
Audience area size: 60m x 60m

# Metrix & SpekTrix Configurations

## Master Parts List

PART NUMBER	PRODUCT	Metrix Compact 4+2	Metrix Performance 12+4	Metrix High Performance 16+8	HP Set + Infra Upgrade	SpekTrix Compact 8+4	SpekTrix Performance 16+8	SpekTrix High Performance 24+8+16
972-0005	<b>Metrix-t</b> 2-way line source enclosure: LMF - 1x 8" ND8-LM, HF - 1x 3" DE800, AIR™ revolving disc rigging system		10	14	14			
972-0007	<b>Metrix W-t</b> 2-way line source enclosure: LMF - 1x 8" ND8-LM, HF - 1x 3" DE800, wide angle vertical enclosure, AIR™ revolving disc rigging system	4	2	2	2			
991-0001	<b>Metrix Sub-t</b> Subwoofer: LF - 2x 15" ND15-S, AIR™ rigging system, M20 threaded polemount support	2	4	8	8			
992-0008	<b>A218 Sub</b> Subwoofer: LF - 2x 18" ND18-S, front loaded multi-purpose subwoofer				4			16
901-0001	<b>Metrix Flight Case</b> Accessory: 4x wheels on base, lift cover, up to 4x Metrix-t or 3x Metrix-t + 1x Metrix W -t vertical stack		3	4	4			
938-0005	<b>Dolly Metrix Sub</b> Accessory: transports up to 2x Metrix Sub -t	1	2	4	4			
907-0008	<b>Cover Metrix Sub</b> Accessory: cover for a 2x stack of Metrix Sub -t	1	2	4	4			
932-0020	<b>Metrix W Polemount Extension Rod</b> Accessory: telescopic polemount rod with M20 thread	2						
932-0019	<b>Metrix W Polemount Cabinet Harness</b> Accessory: polemount chassis for Metrix W-t 15" - 3x vertical positions - max. 2x enclosures	2			6			
930-0006	<b>Metrix Rigging Frame Standard</b> Rigging: aluminum suspension frame for Metrix, continuously adjustable pick point		2	2	2			
510-0001	<b>Metrix/SpekTrix Stacking Plate</b> Accessory: frame adapter to obtain -3° to +5° adjustable vertical tilt; for use with Metrix -t or SpekTrix -t enclosures only; must be used in pairs, 2x come with each frame		2	2	2			
939-0002	<b>A218 Caster/Cover Kit</b> Accessory: 4x casters and 1x cover for A218 - single subwoofer				4			16
972-0008	<b>SpekTrix-t</b> 3-way line source enclosure: LF - 1x 8" ND8-L, MF - 1x 8" ND8-M, HF - 1x 3" DE900, AIR™ revolving disc rigging system					8	14	20
972-0009	<b>SpekTrix W-t</b> 3-way line source enclosure: LF - 1x 8" ND8-L, MF - 1x 8" ND8-M, HF - 1x 3" DE900, wide angle vertical enclosure, AIR™ revolving disc rigging system					2 (opt.)	2	4
992-0005	<b>SpekTrix Sub</b> Subwoofer: LF - 2x 18" AW18, spring loaded, captured aluminum rigging					4	8	8
901-0002	<b>SpekTrix Flight Case</b> Accessory: 4x wheels on base, lift cover, up to 4x SpekTrix-t or 3x SpekTrix-t + 1x SpekTrix W -t vertical stack					2	4	6
938-0007	<b>SpekTrix Sub Dolly</b> Accessory: transports up to 2x SpekTrix Sub					2	4	4
907-0009	<b>SpekTrix Sub Cover</b> Accessory: cover for a 2x stack of SpekTrix Sub					2	4	4

# Metrix & SpekTrix Configurations

## Master Parts List

PART NUMBER	PRODUCT	Metrix Compact 4+2	Metrix Performance 12+4	Metrix High Performance 16+8	HP Set + Infra Upgrade	SpekTrix Compact 8+4	SpekTrix Performance 16+8	SpekTrix High Performance 24+8+16
930-0009	<b>SpekTrix Rigging Frame Touring</b> Rigging: aluminum suspension frame for SpekTrix, continuously adjustable pick point					2 (opt.)	2 (4 opt.)	4
932-0014	<b>SpekTrix Ground Stacking Bracket</b> Accessory: ground stacking accessory for Stacking Plate or optional Extended Plate (part no. 510-0002)					2	2	2
510-0002	<b>Metrix/SpekTrix Stacking Extended Plate</b> Accessory: adapter to obtain 0° to -8° adjustable vertical tilt; for use with Metrix-t or SpekTrix-t enclosures only; must be used in pairs, 2x come with each frame					4	8	8
291-0001	<b>Adamson Inclinometer Kit (1 Unit)</b> Contains 1x sensor with with 3 mW laser, 1x reader, remote cabling, 1 x 10M tape, 1 x hardshell case with dye-cut foam inserts		2	2	2	2 (opt.)	2	2
920-0014	<b>NL803</b> Wiring: NL8 3' female-female, 13 AWG with Neutrik FC series connectors	2	10	14	14	6	12	16
920-0023	<b>NL806</b> Wiring: NL8 6' female-female, 13 AWG with Neutrik FC series connectors	2	2	6	6	4	8	8
920-0015	<b>NL850</b> Wiring: NL8 50' female-female, 13 AWG with Neutrik FC series connectors	2	4	6	7			16
920-0025	<b>Splay 10'</b> NL8 female to 4 NL2 male, 4 passive feeds on a single NL8 cable				1			4
902-0012	<b>3U Rack</b> Accessory: 3U Briefcase, No wheels	2	2					
916-0016	<b>Lab.gruppen PLM 12K44</b> 2x Analog and AES inputs, DANTE ready, 2500W per channel @ 2Ω	2	2					
905-0028	<b>E-Rack TURN-KEY 8 Channel 12K44</b> Electronics: 2x PLM 12K44, 1x Adamson Audio Panel, 1x AC Panel, 1x DANTE switch, 1x 10U rack					1	2	
905-0027	<b>E-Rack TURN-KEY 12 Channel 12K44</b> Electronics: 3x PLM 12K44, 1x Adamson Audio Panel, 1x AC Panel, 1x DANTE switch, 1x 10U rack							4
905-0026	<b>E-Rack TURN-KEY 8 Channel 20K44</b> Electronics: 2x PLM 20K44, 1x Adamson Audio Panel, 1x AC Panel, 1x DANTE switch, 1x 10U rack			1				
905-0025	<b>E-Rack TURN-KEY 12 Channel 20K44</b> Electronics: 3x PLM 20K44, 1x Adamson Audio Panel, 1x AC Panel, 1x DANTE switch, 1x 10U rack				1			
905-0003	<b>Energia Driverack Turn-key 2 LM 44</b> FOH Driverack with 2x LM44, 1x Dante Switch, Audio Panel, Ind. Tablet PC, High Performance WiFi, 2x Ethercon 100m, 2x Ethercon 50m, 12x Ethercon PATCH	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
999-0001	<b>Factory Training 2 day</b> On-Site Training: Theory, Software, Rigging, Measurement	1	1	1	1	1	1	1

\*Blueprint AV™ is Adamson's 2D and 3D modeling suite, which provides fast and accurate simulations of all of our products in an environment designed by you, the end user. Room design is simple and efficient, with tools such as the 2D Room Calculator at your disposal, a detailed representation of the space you are working in is simple to create. Through the use of various geometric shapes, complex room-design becomes rudimentary, allowing you to spend more time perfecting your loudspeaker deployment.

Blueprint AV™ offers a wide variety of simulation options, from multi-weighted SPL measurements, to virtual microphone placement, to delay and directivity simulations, Blueprint AV™ provides Adamson users all the tools necessary to refine the use of their system in a given space.

\*\* The accepted norm in audio is to measure overall level with an A weighted curve. While this measurement is very important, it is primarily used to set targets for noise abatement or governance. When designing a system to provide even coverage throughout a targeted area, we in this industry typically use the A weighted curve to show that a minimal dBA level variance across that area correlates to the performance received.

In our experience, minimal dBA differences across a given space do not necessarily produce an even listening experience due to typical system high frequency distribution approaches. These high frequency variances are small enough not to affect the overall dBA rating but large enough to be experienced by listeners across a given space. While A, B and C weighted curves are all available for use in Blueprint AV™, using the Adamson Systems Y weighted curve, which looks at all audio from 2 kHz to 8 kHz, gives the user a far greater insight into how a targeted area will actually be covered, and how it will actually sound.

\*\*\* Max. Average (RMS) SPL using IEC-weighted 6dB crest factor pink noise stated. Reduce by 10 dB to get a reasonable value for a live show

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