

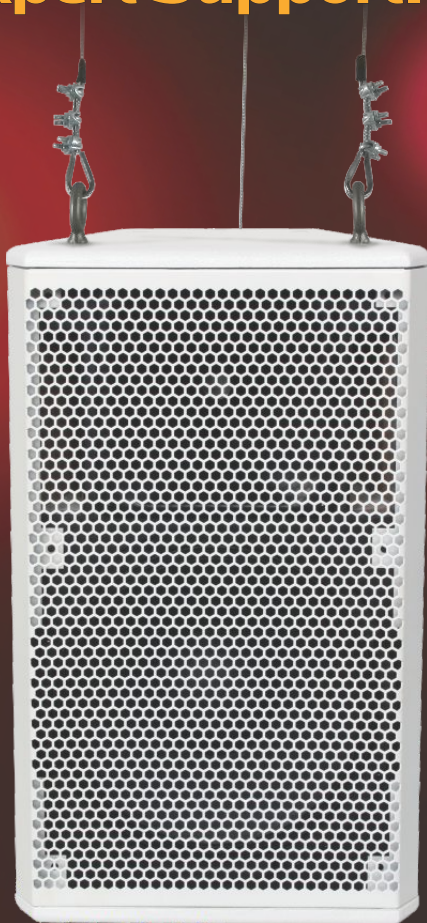


SPEAKERS

CORE AND LINE ARRAY SPEAKERS

BE HEARD™

Clear Sound.
Expert Support.



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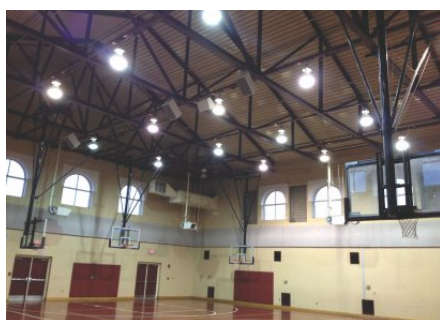
CORE & Line Arrays

Introduction to the CORE/Line Array

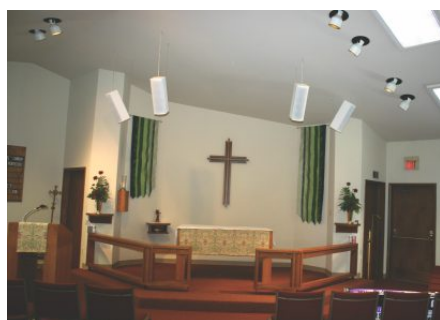
Passive and Powered Speakers



Galaxy Audio's CORE speaker line features passive 12" and 15" woofers with 1" compression drivers, a passive 18" subwoofer, as well as powered and passive Line Array speakers. The CR12 and CR15 use a constant directivity asymmetrical rotatable horn and passive crossover for exceptional high end range and convergence. This configuration provides extremely flexible coverage patterns, providing wide dispersion when needed, as well as narrowing for reflected sound reduction. The horn pattern is 100°/50° horizontal by 55° vertical, and the horn can be rotated in 90° increments so the speaker can be placed in multiple positions.



The black colored CR12 and CR15 feature a pole mount socket on the bottom of the cabinet that fits a standard 1-3/8" speaker stand, while the CORE 18 features a standard 1-3/8" pole mount socket on the top of the cabinet which allows for mounting the CR12, CR15, or any portable LA4 speakers above the subwoofer. Both the white and black colored CR12 and CR15 features (20) M8 thread suspension points for hanging the cabinets at any angle or position from a wall or ceiling. The back input panels on all CORE speakers feature two twist-lock plugs and a two terminal barrier strip. The two input jacks are wired in parallel, providing a convenient way to daisy chain multiple speakers to a single amplifier channel. The Core speaker line is the perfect solution for educational facilities, House of Worship, mid-size live stage venues, or any space requiring solid, quality audio performance.



In addition to the CR12, CR15 and CR18, Galaxy Audio's CORE Series also features Line Array speakers. The LA4 is a passive 16 ohm Line Array speaker with a pole mount socket for portable applications. The LA4PM (permanent mount) is a passive Line Array speaker that utilizes a 70 volt autoformer that can optionally be bypassed. The LA4PM has multiple T-nut mounting provisions for "fly mounting" or can be used with an optional wall mounting bracket.

The new LA4D (portable) and LA4DPM (permanent mount) Series Powered Line Array are the newest additions to the CORE speakers offered by Galaxy Audio. With an integrated 100 watt amplifier, the LA4D is designed to take advantage of the unique sound dispersion characteristics of multiple stacked drivers. The self-contained, sleek speaker cabinet design, make the vertical line array LA4, LA4PM, LA4D and LA4DPM the perfect solution for straightforward, unobtrusive PA installations, even in acoustically challenging environments.



LINE ARRAY



CR12 & CR18

CORE 12" Two-Way Speaker & CORE 18" Subwoofer Speaker



CORE 12" 2-Way Speaker

CR12 12" Two-way Speaker



CR12

- Power/Peak: 400 Watt RMS / 1200
- Frequency Response: 72Hz - 20kHz
- 12" Woofer and 1" Compression Driver
- Rotatable Asymmetrical Horn (100°/50° Horizontal x 55° Vertical)
- 8 Ohm Impedance
- Input Connectors (2) paralleled Twist-Lock and (1) Terminal Strip
- Cabinet 15mm MDF with Built-in Handles
- 20 Integral M8 Threaded Suspension Points
- 1-3/8" Pole Mount on Bottom (Black Cabinets Only)
- Available in Black or White
- Paintable
- Dimensions: 22.83" x 14.01" x 15.74" (580 x 356 x 400 mm)(HxWxD)
- Weight: 43.85 lbs (19.88 kg)



The CORE 12 is a passive 2-way speaker available in white or black textured wood cabinets with integrated handles on both sides of the cabinet. With a sleek cabinet design and robust 16 gauge grill, the CORE 12 is an excellent choice for House of worship, school gymnasiums and auditoriums, mobile DJ, or any venue requiring reliable, high quality cost effective sound reinforcement. The trapezoidal design and removable rubber feet allow the cabinet to be configured to lay on any side for the optimal listening angle. The CORE 12's 2-way system is rated at 400W at 8 Ohms and comprised of a 12" woofer and a 1" high frequency compression driver.



CORE 18" Subwoofer Speaker

CR18 18" Subwoofer Speaker



CR18

- Power/Peak: 600 Watt RMS / 1800
- Frequency Response: 36Hz - 200Hz
- 18" Woofer
- 8 Ohm Impedance
- Input Connectors (2) Paralleled Twist-Lock and (1) Terminal Strip
- Cabinet 18mm MDF with Built-in Handles
- 1-3/8" Integral Pole Mount in Top
- Black Texture Paint
- Paintable
- Dimensions: 23.5" x 20.65" x 20.5" (597 x 525 x 521 mm)(HxWxD)
- Weight: 72.75 lbs (33 kg)



(LA4B & pole sold separately)

CR15 & CR18

CORE 15" Two-Way Speaker & CORE 18" Subwoofer Speaker



CORE 15" 2-Way Speaker

CR15 15" Two-Way Speaker



CR15

- Power/Peak: 500 Watt RMS / 1500
- Frequency Response: 35Hz - 20kHz
- 15" Woofer and 1" Compression Driver
- Rotatable Asymmetrical Horn (100°/50° Horizontal x 55° Vertical)
- 8 Ohm Impedance
- Input Connectors (2) Paralleled Twist-Lock and (1) Terminal Strip
- Cabinet 15mm MDF with Built-in Handles
- 20 Integral M8 Threaded Suspension Points
- 1-3/8" Pole Mount on Bottom (Black Cabinets Only)
- Available in Black or White
- Paintable
- Dimensions: 17" x 16.5" x 26.75" (432 x 419 x 679 mm) (HxWxD)
- Weight: 55.95 lbs (25.38 kg)



The CORE 15 is a passive 2-way speaker available in white or black textured wood cabinets with integrated handles on both sides of the cabinet. With a sleek cabinet design and robust 16 gauge grill, the CORE 15 is an excellent choice for House of worship, school gymnasiums and auditoriums, mobile DJ, or any venue requiring reliable, high quality cost effective sound reinforcement. The trapezoidal design and removable rubber feet allow the cabinet to be configured to lay on any side for optimal listening angle. The CORE 15's 2-way system is rated at 500W at 8 Ohms and comprised of a 15" woofer and a 1" high frequency compression driver.



The CORE 18 Subwoofer is an unpowered speaker with an 18" woofer capable of producing frequencies down to 36Hz. The CORE 18 cabinet is available in a black textured wood cabinet, integrated handles on each side, and formed metal mesh 16 gauge grille, giving the CORE 18 a sleek design that can be used in theaters, clubs, House of Worship, or any venue requiring reliable, high quality cost effective sound reinforcement. With power a handling of 600W at 8 Ohms the CORE 18 is the perfect portable or installation subwoofer.

The pole mount socket on the top of the CORE 18 fits a standard 1-3/8" stand pole which allows for mounting the CORE 12, CORE 15, or any of the portable LA4 speakers above the subwoofer, creating a full range 2 way sound system with high fidelity and unmatched low end.



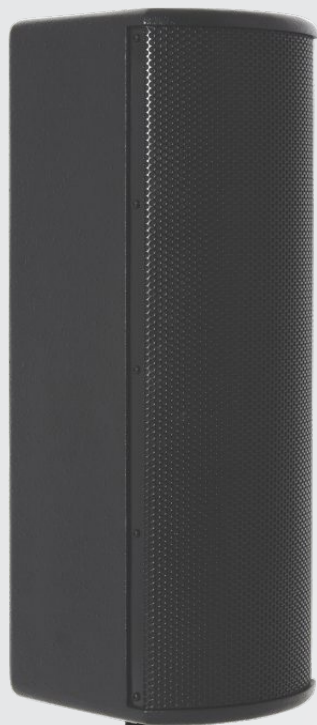
LA4 & LA4D

Portable Mount Passive & Powered Line Array Speakers



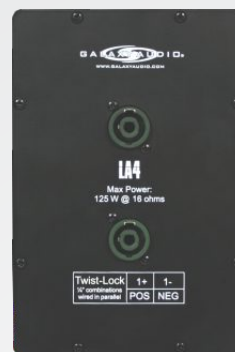
LA4 & LA4D Portable Line Array Speakers

LA4 125 Watt Passive Portable Line Array



LA4

- 125 Watts @ 16 Ohms
- Frequency Response: 150Hz - 18kHz
- 2-1/4"/Twist-Lock Combination Inputs
- Dispersion: 60° V x 120° H
- Mounts on a 1-3/8" Speaker Stand
- Birch Construction
- Available in Black or White
- Dimensions: 21.5" x 7.5" x 7" (546 x 191 x 178mm)(HxWxD)
- Weight: 14.1 lb (6.39 kg)



The LA4 is a passive 16 ohm Line Array speaker. The back panel features two combination input jacks that will accept either a 4 pole twist-lock or 1/4" plug, wired in parallel to provide a convenient way to daisy chain multiple speakers to a single amplifier channel. The LA4 features a pole mount socket on the bottom of the cabinet that fits a standard 1-3/8" speaker stand. This makes the LA4 an excellent choice for portable applications.

LA4D 100 Watt Powered Portable Line Array



LA4D

- Internal 100 Watt Amp
- +48V Phantom Power
- 118 dB Output
- XLR, 1/4" and 1/8" Summing Input
- Built-In Compressor
- 2 Band EQ
- Dispersion: 60° V x 120° H
- Mounts on a 1-3/8" Speaker Stand
- Birch Construction
- Available in Black
- Universal Power Supply
- Vocal Clarity
- Dimensions: 21.5" x 7.5" x 7" (546 x 191 x 178mm)(HxWxD)
- Weight: 14 lb (6.35 kg)



The new 100 watt powered LA4D has an integrated handle on the back and a built-in pole mount on the bottom that fits a standard 1-3/8" speaker stand. The LA4D has an XLR input with +48 volt phantom power, balanced 1/4" input, and 1/8" TRS summing input for MP3 players etc. With a two band EQ control and built-in Compressor/Limiter, the LA4D is perfect for live stage or any portable application.

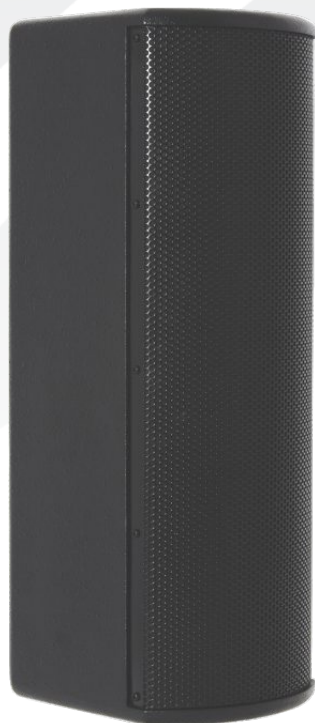
LA4PM & LA4DPM

Permanent Install Passive & Powered Line Array Speakers



LA4PM & LA4DPM Permanent Mount Line Array Speakers

LA4PM 125 Watt Passive Permanent Line Array



LA4PM

- 3-100 Watts, 125 Watts @ 16 Ohms
- 70 Volt Transformer with 7 Taps
- Frequency Response: 150Hz - 18kHz
- Screw Terminal Taps
- Dispersion: 60° V x 120° H
- Multiple Mounting Provisions
- Birch Construction
- Available in Black or White
- Dimensions: 21.5" x 7.5" x 7" (546 x 191 x 178mm)(HxWxD)
- Weight: 16.3 lb (7.39 kg)



The LA4PM is a passive permanent mount Line Array speaker designed for 70 volt systems. It features an internal 100 watt, 70 volt autoformer, and a screw terminal block on the back panel for selecting the proper wattage tap. Simply connect the common (-) line from the amplifier to the screw terminal labeled "COM". Then connect the positive (+) line from the amplifier to the screw terminal corresponding to the desired wattage tap. A 16 ohm tap is also provided to bypass the autoformer and connect directly to the speakers if desired. The LA4PM may be mounted to nearly any surface using an optional bracket or "flown" from cables using the various threaded T-nut locations on the cabinet. This makes the LA4PM an excellent choice for permanent installment applications.

LA4DPM 100 Watt Powered Permanent Line Array



LA4DPM

- Internal 100 Watt Amp
- +48V Phantom Power
- 118 dB Output
- XLR, 1/4" and 1/8" Summing Input
- Built-In Compressor
- 2 Band EQ
- Dispersion: 60° V x 120° H
- Multiple Mounting Provisions
- Birch Construction
- Available in Black or White
- Universal Power Supply
- Vocal Clarity
- Dimensions: 21.5" x 7.5" x 7" (546 x 191 x 178mm)(HxWxD)
- Weight: 14.35 lb (6.5 kg)



The new 100 watt powered LA4DPM may be mounted to nearly any surface using an optional bracket or "flown" from cables using the various threaded T-nut locations on the cabinet. The LA4DPM has an XLR input with +48 volt phantom power, balanced 1/4" input, and a 1/8" TRS summing input for MP3 players etc. With a two band EQ control and built-in Compressor/Limiter, the LA4DPM is perfect for live stage or more permanent installation.

Optional SAYBLA4-9 (white) or SAYBLA4-0 (black) Yoke Bracket

ACCESSORIES

Mounting Hardware, Speaker Stands, Autoformer, & Sand/Water Bags



Optional Accessories

SAYBLA4-9 / SAYBLA4-0

Yoke Bracket for LA4PM & LA4DPM

- Mounts Any LA4PM or LA4DPM to a Wall
- Available in Black or White



SAYBLA4-9 (white)



SAYBLA4-0 (black)

CRM8

CORE Speaker Fly Mount Hardware

- Fly Mount Hardware for Use With CORE 12 & CORE 15 Speakers
- Made of U.S. Drop Forged Carbon Steel
- Easy to Install



SST-35

Speaker Stand

- Tripod Legs
- Extends up to 76"
- Holds up to 70 lb
- Pole Diameter: 1 3/8" (35.3 mm)



SST-45

Deluxe Speaker Stand

- Metal Construction
- Tripod Legs
- Extends up to 81"
- Holds up to 70 lb
- Pole Diameter: 1 3/8" (35.3 mm)



SST-45P

Speaker Pole For Sub

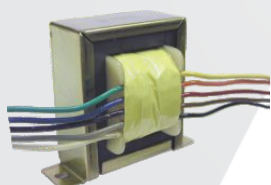
- Length: 42"
(1.067 m)
- Diameter: 1 3/8"
(35.3 mm)



THSPM100

70 Volt Autoformer

- 70 Volt / 100 Watt Autoformer For Use in distributed systems
70 V Taps at 1.6W, 3.1W, 6.3W, 12.5W, 25W, 50W, & 100W
- 2.80" x 1.15" x 2.31" (HxWxL)
Mounting Holes 2.78" on Center



SDB40

Sand/Water Saddle Bag

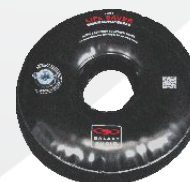
- Can Be Filled With Sand or Water
- Helps Protect Equipment from Damage and Keeps Stands Upright and Stable
- Weighs up to 25 lb with Water*
- Weighs up to 40 lb with Sand*
- Dual Wing Design
- Nylon Handle with Clip



LSR38

Sand/Water Lifesaver Bag

- Can Be Filled With Sand or Water
- Unique Round Design Allows LSR38 to be Placed on Mic, Speaker, or Lighting Stand
- Weighs 22 lb with Water*
- Weighs 38 lb with Sand*
- 16" O.D. x 6" I.D. x 3" Thick





SPECIFICATIONS

Specifications for CORE Speakers & Powered / Passive Line Array Speakers

CORE Speaker Specifications

	CR12	CR15	CR18
Frequency Response	62Hz - 18kHz +/- 3 dB	55Hz - 18kHz +/- 3 dB	35Hz - 200Hz
Power/Peak	400 Watts RMS / 1200 Watts	500 Watts RMS / 1500 Watts	600 Watts RMS / 1800 Watts
Impedance	8 Ohms	8 Ohms	8 Ohms
Sensitivity	92 dB, 1 W @ 1 m (1kHz)	92 dB, 1 W @ 1 m (1kHz)	94 dB, 1 W @ 1 m (100Hz Full Space)
Woofer Diameter	12", 50 oz Ferrite magnet with 2.36" (60 mm) Voice Coil	15", 60 oz Ferrite magnet with 3" (75 mm) Voice Coil	18", 65 oz Ferrite magnet with 3" (75 mm) Voice Coil
Horn Type	Constant Directivity, Asymmetrical	Constant Directivity, Asymmetrical	N/A
Horn Pattern	100°/50° x 55° (horizontal x vertical)	100°/50° x 55° (horizontal x vertical)	N/A
Voice Coil	1.75" (44.45 mm) Voice Coil with 1" (25.4 mm) Throat	1.75" (44.45 mm) Voice Coil with 1" (25.4 mm) Throat	3" (75 mm) Voice Coil
Input Connectors	Two 1/4" / Twist-Lock Jack, plus Barrier Terminal Input	Two 1/4" / Twist-Lock Jack, plus Barrier Terminal Input	Two 1/4" / Twist-Lock Jack, plus Barrier Terminal Input
Speaker Wiring	Woofer in Polarity, Horn out of Polarity	Woofer in Polarity, Horn out of Polarity	In Polarity
Stand Mountable/ Suspension Points	1.4" Stand Cup/20 M8 Size Threaded Suspension Points	1.4" Stand Cup/20 M8 Size Threaded Suspension Points	1.4" Pole Mount Cup
Cabinet Material	15 mm MDF	15 mm MDF	18 mm MDF
Grill	16 Gauge Steel Grill	16 Gauge Steel Grill	16 Gauge Steel Grill
Cabinet Color	Black (CR12) or White (CR12W)	Black (CR15) or White (CR15W)	Black
Dimensions	22.83" x 14.01" x 15.74" (580 x 356 x 400 mm)(H x W x D)	26.5" x 16.5" x 16.5" (673 x 419 x 419 mm)(HxWxD)	23.5" x 20.65" x 20.5" (597 x 524.5 x 521 mm)(HxWxD)
Weight	43.85 lbs (19.9 kg)	55.95 lbs (25.4 kg)	72.75 lbs (33 kg)

Line Array Speaker Specifications

	LA4	LA4PM	LA4D	LA4DPM
Frequency Response	150Hz - 18kHz	150Hz - 18kHz	150Hz - 17kHz (±3 dB)	150Hz - 17kHz (±3 dB)
Output/Peak	125 Watts	125 Watts (16 Ohms Tap)	150 Watts	100 Watts
Nominal Impedance	16 Ohms	16 Ohms (Autoformer Bypass Input)	16 Ohms	16 Ohms
Autoformer	N/A	70v Taps: (100w, 50w, 25w, 12.5w, 6.25w), plus 16 ohm bypass terminal	N/A	N/A
Sensitivity	98 dB, 1 W @ 1 m (1kHz octave band)	98 dB, 1 W @ 1 m (1kHz octave band)	98 dB, 1 W @ 1 m (1kHz octave band)	98 dB, 1 W @ 1 m (1kHz octave band)
Maximum SPL	126 dB, 125 W @ 0.5 m	126 dB, 125 W @ 0.5 m	124 dB, 100 W @ 0.5 m	124 dB, 100 W @ 0.5 m
Speaker Compliment	Four 4.5" Full Range Drivers	Four 4.5" Full Range Drivers	Four 4.5" Full Range Drivers	Four 4.5" Full Range Drivers
Nominal Coverage Pattern	120° H x 60° V	120° H x 60° V	120° H x 60° V	120° H x 60° V
Input Connections	Two Twist-Lock / 1/4" Combo Jacks Wired in Parallel, Twist-Lock Wiring (1+ Pos.) (1- Neg.)	Screw Terminals	One Balanced XLR with +48 VDC, One 1/4" Balanced/Unbalanced, One 1/8" Summing	One Balanced XLR with +48 VDC, One 1/4" Balanced/Unbalanced, One 1/8" Summing
Controls	N/A	N/A	Level, High Frequency, Low Frequency, 20 dB Pad, Phantom Power	Level, High Frequency, Low Frequency, 20 dB Pad, Phantom Power
Indicators	N/A	N/A	Input, Compression	Input, Compression
Protection	N/A	N/A	Compressor/Limiter	Compressor/Limiter
Power Supply	N/A	N/A	100/240 VAC 50/60 Hz, 1A	100/240 VAC 50/60 Hz, 1A
Enclosure Material	15 mm Plywood, Steel Grille	15 mm Plywood, Steel Grille	15 mm Plywood, Steel Grille	15 mm Plywood, Steel Grille
Mounting/Rigging	1-3/8" Pole Socket	Fourteen 1/4-20 T-nut Mounting Points	1-3/8" Pole Socket	Fourteen 1/4-20 T-nut Mounting Points
Handle	Integrated	N/A	Integrated	N/A
Color	Black or White	Black or White	Black	Black or White
Dimensions	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)
Weight	14.1 lb (6.39 kg)	16.3 lb (7.39 kg)	14 lb (6.35 kg)	14.35 lb (6.5 kg)

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Specifications subject to change without notice.
Please visit GalaxyAudio.com for the latest updates.

V20161125