

# POWERED LINE ARRAYS



## USER'S MANUAL

### LA4D & LA4DPM Powered Line Arrays



\*Speaker stand and bracket not included



MAKERS OF THE ORIGINAL  
HOT SPOT PERSONAL MONITOR

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# IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.
16. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle.
17. The mains plug of the power supply cord shall remain readily operable.



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

# INTRODUCTION

Thank you for choosing the Galaxy Audio Line Array. For updates on all of our products and owners manuals, please visit [www.galaxyaudio.com](http://www.galaxyaudio.com).

Line Array speakers are gaining popularity in both portable and permanently installed PA systems, due to their unique shape and sound dispersion characteristics. By arranging multiple drivers in a vertical line, a line array speaker produces a very focused and predictable coverage pattern. Our Line Array series speakers produce a wide horizontal dispersion, providing good coverage for a large audience. The vertical dispersion is very narrow, which improves clarity by keeping the sound from bouncing off of floors and ceilings. Line arrays are an excellent choice for taming a highly reverberant room, such as a church or large arena. Our LA4 speakers feature a lightweight attractive cabinet, pole or permanent mounting options, and are available in powered or unpowered versions. This user's guide covers the following powered versions of the Galaxy Audio Line Array speakers:

**LA4D:** Powered, 100 Watt, Pole Mount.

**LA4DPM:** Powered, 100 Watt, Permanent Mount.

## BEFORE YOU BEGIN

### CAUTION: BEFORE YOU BEGIN!

Before using your LA4D or LA4DPM Line Array, be sure to read and understand all instructions in this manual.

#### DON'T...

- Expose the LA4D/LA4DPM to rain or moisture.
- Attempt to make any repairs (call Galaxy Audio for service). Failure to do so may void your warranty.

## ABOUT THE LA4D & LA4DPM

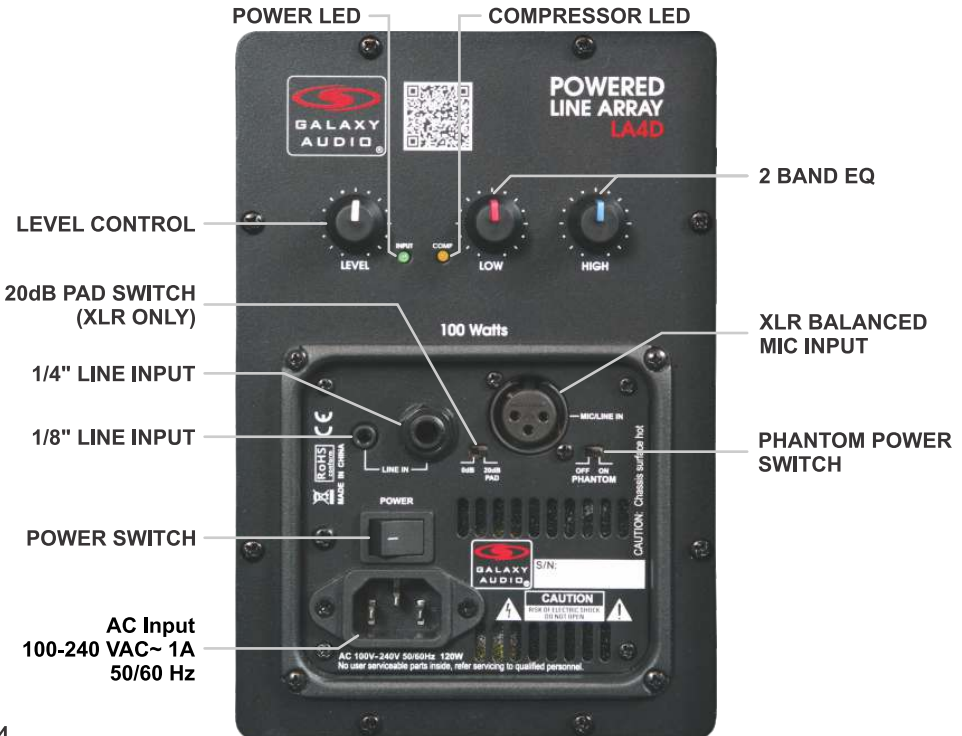
The LA4D and LA4DPM is a powered Line Array speaker with an internal 100 watt amplifier, accepts mic or line level with its XLR, 1/4", or 1/8" input, and has an internal universal power supply. That means this unit can be used anywhere in the world\* as it will function on 100-240 VAC (volts AC) at 50/60Hz. The LA4D features an integrated handle and pole mount socket on the bottom of the cabinet that fits a standard 1-3/8" speaker stand. This makes the LA4D a good choice for portable PA applications. The LA4DPM is designed for permanent installation with built-in mounting points. Self contained and with a small footprint, the LA4DPM is the perfect solution for hassle free PA installations, even in acoustically challenging rooms.



## USING THE LA4D & LA4DPM

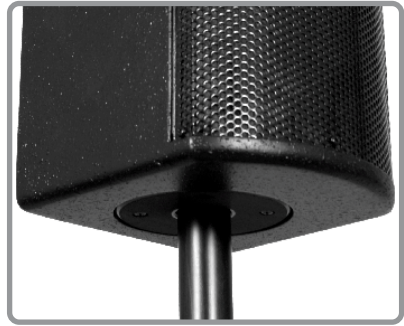
- A Balanced Mic signal may be plugged into the XLR Jack. For strong signals the 20 dB pad switch may be engaged to prevent distortion.
- A Balanced or Unbalanced Line level signal may be plugged into the 1/4" Line Input.
- A computer, MP3 player, or similar stereo or mono 1/8" source may be plugged into the 1/8" Line Input.
- The back panel also features a Level Control, 2-band EQ consisting of Low and High controls as well as Power, Compressor and Signal Presence indicators.
- The LA4D may be placed on a speaker stand.
- The LA4DPM may be installed on a wall by using the yoke bracket. (See page 6)

## CONTROLS/INDICATORS & THEIR OPERATION



## STAND MOUNTING THE LA4D

The LA4D integrated handle makes carrying and lifting the easier. The pole mount socket on the bottom of the cabinet fits a standard 1-3/8" speaker stand. For more stand stability, it is advised to use a water or sand bag for counter-weight\*. After setting up a stand/water bag and adjusting the speaker stand to the appropriate height, carefully lift the LA4D above the stand so that the socket aligns with the pole, and lower until it comes to a stop.



Galaxy Audio offers  
"life saver" & "saddle bag"  
style sand/water bags.



## INSTALLING THE LA4DPM ON A WALL/CEILING

This Galaxy Audio Yoke Bracket is used for permanently mounting LA4DPM speaker cabinets to walls or ceilings. The mounting angle can be selected by choosing the appropriate screw holes in the yoke. These brackets should be used only on a secure and stable surface.

### Bracket Kit Includes:

Yoke Bracket  
Four 1/4"-20 Screws  
Four Rubber Washers  
Four Flat Washers



### Precautions:

Whenever an object is affixed to a wall or ceiling, you must take special care to mount it securely to prevent it from falling and causing damage or injury.

**Mounting Surfaces:** Carefully examine the composition, construction and strength of the surface you are mounting to. Be sure to provide adequate reinforcement should you deem it necessary. You must also consider what type of hardware and what types of mounting techniques are appropriate for each mounting surface.

**Fasteners:** Attaching the bracket requires fasteners selected for the strength and composition of the mounting surfaces involved. Whatever fastener is selected, it should be no smaller than a 1/4" screw or bolt. When drilling pilot holes be sure that the holes are smaller than the core diameter of the screw. Always use fasteners in all mounting holes and avoid over tightening, as this can weaken the mounting surface, damage the fasteners, and make the installation much less secure.



# INSTALLING THE LA4DPM ON A WALL/CEILING

For step by step instructions on how to mount the yoke bracket, and install the speaker to a wall or ceiling surface, please refer to the bracket instructions online at:

<https://www.galaxyaudio.com/assets/uploads/product-files/LA4DYokeBrktInst.pdf>

Or scan the QR code:



## LA4D SPECIFICATIONS

	LA4D
Frequency Response	150Hz - 17kHz (+/-3dB)
Output/Peak	100 Watts
Sensitivity	98dB, 1 W @ 1 m (1kHz octave band)
Maximum SPL	124dB, 100 W @ 0.5 m
Speaker Compliment	Four 4.5" Full Range Drivers
Nominal Coverage Pattern	120° H x 60° V
Input Connections	One Balanced XLR with +48 VDC, One 1/4" Balanced/Unbalanced, One 1/8" Summing
Controls	Level, High Frequency, Low Frequency, 20dB Pad, Phantom Power
Indicators	Input, Compression
Protection	Compressor/Limiter
Power Supply	100/240 VAC 50/60Hz, 1A
Enclosure Material	15 mm Plywood, Steel Grille
Mounting/Rigging	1-3/8" Pole Socket
Handle	Integrated
Color	Black
Dimensions	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)
Weight	14 lb (6.35 kg)

## 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)  
(Discontinued)



SAYBLA4-0 (black)

### **SDB40** Sand/Water Saddle Bag

Saddle Bag Can Be Filled With Sand or Water to Protect Equipment from Damage and Keeps Stands Upright and Stable.



### **LSR38** Sand/Water Lifesaver Bag

Life Saver Bag Can Be Filled With Sand or Water to Protect Equipment from Damage and Keeps Stands Upright and Stable.



## LA4DPM SPECIFICATIONS

	LA4DPM
Frequency Response	150Hz - 17kHz (+/-3dB)
Output/Peak	100 Watts
Sensitivity	98dB, 1 W @ 1 m (1kHz octave band)
Maximum SPL	124dB, 100 W @ 0.5 m
Speaker Compliment	Four 4.5" Full Range Drivers
Nominal Coverage Pattern	120° H x 60° V
Input Connections	One Balanced XLR with +48 VDC, One 1/4" Balanced/Unbalanced, One 1/8" Summing
Controls	Level, High Frequency, Low Frequency, 20dB Pad, Phantom Power
Indicators	Input, Compression
Protection	Compressor/Limiter
Power Supply	100/240 VAC 50/60Hz, 1A
Enclosure Material	15 mm Plywood, Steel Grille
Mounting/Rigging	Fourteen 1/4-20 T-nut Mounting Points
Handle	N/A
Color	Black or White
Dimensions	21.5" x 7.5" x 8.5" (546 x 191 x 215 mm)(HxWxD)
Weight	14.35 lb (6.5 kg)

## OPTIONAL ACCESSORIES (Continued...)

### **SST-35**

#### **Tripod Speaker Stand**

- Extends up to 76"
- Holds up to 70lb



### **SST-45**

#### **Deluxe Tripod Speaker Stand**

- Extends up to 81"
- Holds up to 70lb



### **SST-45P**

#### **Speaker Pole for Sub**





MAKERS OF THE ORIGINAL  
HOT SPOT PERSONAL MONITOR



## ***THREE YEAR LIMITED WARRANTY***

WARRANTY Information can be viewed online at  
<https://www.galaxyaudio.com/support/warranty>



### **LA4D:**

Powered, 100 Watt,  
Pole Mount.

### **LA4DPM:**

Powered, 100 Watt,  
Permanent Mount.

1-800-369-7768    [www.galaxyaudio.com](http://www.galaxyaudio.com)

Specifications in this manual are subject to change without notice.

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