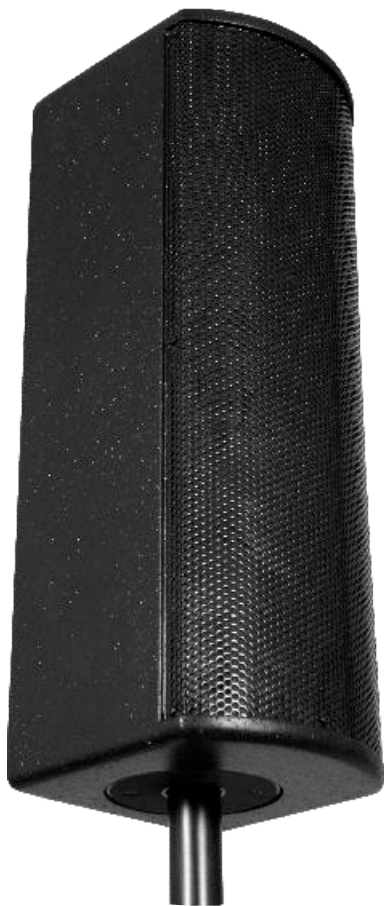


LA4 LINE ARRAY SERIES

OWNERS MANUAL



LA4:

Unpowered, 16 ohm,
Pole Mount.

LA4PM:

Unpowered, 70volt,
Permanent Mount.

TABLE OF CONTENTS

INTRODUCTION.....	1
BEFORE YOU BEGIN.....	1
THE LA4.....	2
THE LA4PM.....	3
SPECIFICATIONS.....	4-5

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.

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 LA4 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 versions of the Galaxy Audio Line Array speakers:

LA4: Unpowered, 16 ohm, Pole Mount.

LA4PM: Unpowered, 70volt, Permanent Mount.

CAUTION: BEFORE YOU BEGIN!

Before using your LA4 Line Array be sure to read and understand all instructions in this manual.

DON'T...

- Expose the LA4 to rain or moisture.
- Attempt to make any repairs (call Galaxy Audio for service). Failure to do so may void your warranty.

LA4

The LA4 is an unpowered 16 ohm Line Array speaker. The back panel features two combination input jacks that will accept either a Speakon™ (twist lock) or 1/4" plug. These two input jacks are 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 a good choice for portable PA applications or for permanent mounting with certain wall mount brackets that employ the socket.



LA4PM

The LA4PM is an unpowered 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 terminal is also provided to bypass the autoformer and connect directly to the speakers if desired. When using the 16 ohm terminal remove the jumper clip that connects the 16 ohm terminal to AF+ terminal. The LA4PM may be wall mounted using an optional bracket or "flown" from cables using the various threaded T-nut locations on the cabinet. To use the T-nuts, simply remove the threaded plastic plugs using a small flat blade screwdriver. To prevent air leaks, leave the plastic plugs in any unused T-nuts.



LA4

Frequency response:	200 Hz –15 kHz
Power handling capacity:	125 Watts
Sensitivity:	(1 watt @ 1Meter) 88 dB
Maximum SPL:	(125 watts @ 1 meter): 109 dB
Speaker complement:	Four 4.5-inch full range drivers
Nominal impedance:	16 ohms
Input connection:	Two Speakon®/ ¼ -inch combinations jacks wired in parallel. Speakon® wiring (1+ Pos.) (1- Neg.)
Enclosure Materials:	15mm plywood, metal mesh grille
Color:	Black
Dimensions:	21.5-inches x 7.5-inches x 8.5-inches (546 mm x 191 mm x 215 mm)
Features:	Integrated Handle and 1 3/8" Pole Mount Socket
Net weight:	14.1 lbs. (6.39 kg)

LA4PM	
70 V Autoformer:	70v Taps: (100w, 50w, 25w, 12.5w, 6.25w), plus 16 ohm bypass terminal
Frequency response:	200 Hz –15 kHz
Power handling capacity:	125 Watts (16 ohm tap)
Sensitivity:	(1 watt @ 1Meter) 88 dB
Maximum SPL:	(125 watts @ 1 meter): 109 dB
Speaker complement:	Four 4.5-inch full range drivers
Nominal impedance:	16 ohms (Autoformer bypass input)
Input connection:	Screw terminals
Enclosure Materials:	15mm plywood, metal mesh grille
Color:	Black or white
Dimensions:	21.5-inches x 7.5-inches x 8.5-inches (546 mm x 191 mm x 215 mm)
Features:	14 T-nuts for multiple mounting options
Optional Wall Bracket:	Recommended: Omnimount 20.5 ST-MP
Net weight:	16.3 lbs. (7.39 kg)



MAKERS OF THE ORIGINAL
HOT SPOT PERSONAL MONITOR



www.galaxyaudio.com

THREE YEAR LIMITED WARRANTY

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



www.galaxyaudio.com/warranty.php

IA4:

Unpowered, 16 ohm,
Pole Mount.

IA4PM:

Unpowered, 70volt,
Permanent Mount.

1-800-369-7768 www.galaxyaudio.com

Specifications in this manual are subject to change without notice.

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