

Mixed Control Active Line Array

MAIN APPLICATIONS

- Live sound
- Corporate events
- Theatres
- A/V presentations

MAIN FEATURES

MLA 608A

- 6-way active mid-low line array column
- Digital directivity aiming
- 6 x 8" custom neodymium woofers
- 60Hz-2kHz frequency response
- 6 Class D 250W RMS amplifiers
- Extruded aluminum cabinet

MLA 801A

- 8-way active HF line array column
- Digital / Mechanical directivity aiming
- 8 x 0,75" B&C neodymium drivers
- 1.8kHz - 20kHz frequency response
- 8 Class D 50W RMS amplifiers
- Extruded aluminum cabinet



DESCRIPTION

The MLA system is an active steerable column array that provides exceptional intelligibility in highly reverberant environments. The characteristics of the lobe radiation directional control, high SPL, HI-FI frequency range, elegance, and compact dimensions make the MLA system particularly suitable for high-quality sound, even in acoustically challenging environments. This is due to the wavefront's capacity to soften by about 3dB when doubling the distance from the source. MLA is composed of two modules, one for mid-low frequencies and one for high frequencies. The principle behind the operation of MLA is based on the combined mechanical and digital control of directivity. The system's modularity allows for the construction of a column composed of a maximum of 2 x MLA 801A modules and 3 x MLA 608A modules, delivering a total of 4000W and frequency control down to 100Hz. The MLA system features an RS-485 network connection for total control through a PC. Superior and inferior latching systems in the MLA series allow for great component modularity.

TECHNICAL SPECIFICATIONS

GENERAL		MLA 608A	MLA 801A
Code		34550	34551
Configuration	way	6	8
Low frequency woofer	inch	6 x 8 - 2 coil	---
High frequency driver	inch	---	8 x 0.75 - 1 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	60 - 2k	1.8k - 20k
Sensitivity (@1W/1m)	dB	---	---
MAX SPL (cont/peak)	dB	133 / 137	135 / 139
Dispersion	H° x V°	90 digital controlled	90 digital / mechanical controlled
Crossover frequency	Hz	1.8k	

INPUTS & OUTPUTS

Input connectors		XLR with loop
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AMPLIFIER		MLA 608A	MLA 801A
Built-in amplifier (cont)	W	6 x 230	8 x 40
Built-in amplifier (max)	W	6 x 250	8 x 50
Built-in amplifier (peak)	W	6 x 500	8 x 100
Input impedance	Ohm	22k	

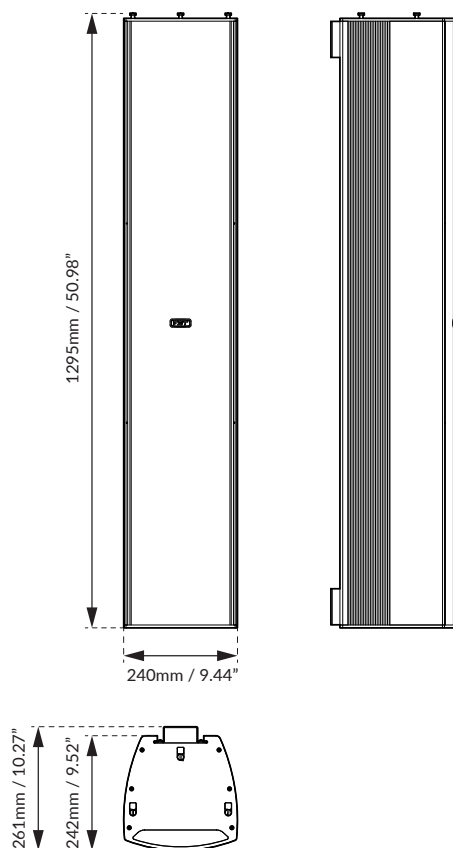
POWER SUPPLY

AC power requirement	VA	1350	300
Power cord	mt	5	
	ft	16.4	

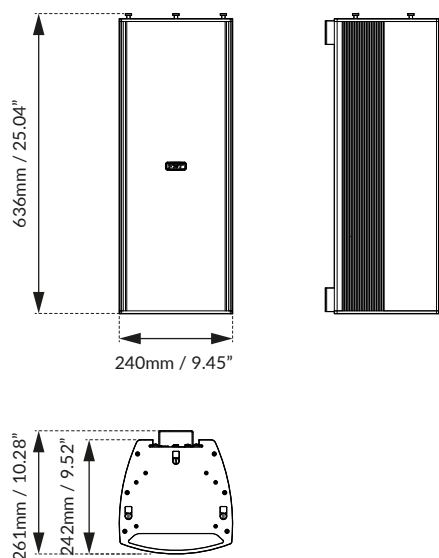
MECHANICAL SPECIFICATIONS

Material	Cabinet	Aluminium	
	Grille	Aluminium	
Net dimensions (WxHxD)	mm	240 x 1295 x 261	240 x 636 x 261
	inch	9.45 x 50.98 x 10.28	9.45 x 25.04 x 10.28
Net weight	kg	27	18
	lb	59.52	39.68

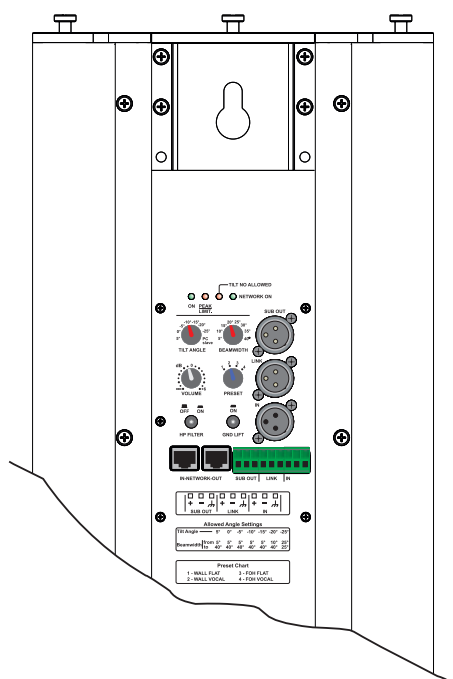
DIMENSIONAL DRAWINGS - MLA 608A



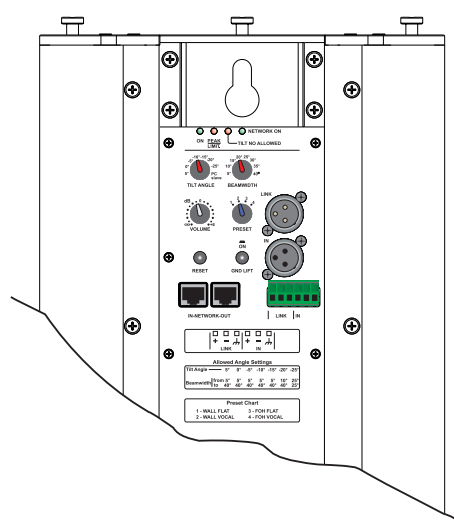
DIMENSIONAL DRAWINGS - MLA 801A



CONTROL PANEL - MLA 608A



CONTROL PANEL - MLA 801A



DIAGRAMS

Horizontal polar

