

LA2228/LA2228-SUB

- 2 x BMS 4" Neodymium Planar Wave Driver (Patent Pending)
- Wide horizontal coverage of 120°
- Vertical curving 0° to 10° in 1° steps
- High efficiency
- Full-range capability
- Compact size, low weight
- integrated rigging system

The LA 2228 is a compact Line Array system, designed for medium size venues where high fidelity sound and outstanding intelligibility is required. The system contains two 8-inch high power woofers and two BMS 4510ND, 4" neodymium planar wave drivers. The systems are designed to be used in multiples with a minimal configuration of four.

Up to 16 units can be used to achieve extreme high levels needed for larger venues. The integrated rigging system allows quick and easy flying or ground stacking. Arrays may be build straight or curved in various angular to obtain the desired vertical coverage.

System components:

LA2228, LA2228-SUB, PW418, DC26

TECHNICAL SPECIFICATIONS (single enclosure):	
Type:	2-way full range, bi-amp
Application:	Line Array
Frequency response:	60 Hz - 20 kHz (-3 dB)
Power handling AES:	
Low:	400 W
High:	160 W
Sensitivity Low:	96 dB
Max. SPL peak Low:	128 dB
Sensitivity High:	114 dB
Max. SPL peak High:	143 dB
Dispersion:	120° x 10°
Components:	
Low frequency:	2x Custom 8" / 2" VC
High frequency:	2x BMS 4" Planar Wave Drivers
Crossover point:	1000 Hz-Active
2-way bi-amp operation:	Low 8 Ohm, high 8 Ohm
Input connectors:	2x Neutrick™ NL4MP
Enclosure shape:	Horizontal trapezoid 5°
Enclosure material:	15 mm Baltic birch plywood
Finish:	Black textured paint
Flying Hardware:	included
Dimensions:	680 (720 incl. Hardware) x 263 x 450 mm
Net weight:	28 kg

System Performance:				
Array	Frequency Response (-3 dB)	Max. Coverage (-6 dB points)	Maximum Peak Low	Output Mid/High
1 Enclosure	60 - 20000 Hz	120° x 10°	128 dB	143 dB
4 Enclosures	52 - 20000 Hz	120° x 40°	140 dB	143 dB
8 Enclosures	50 - 20000 Hz	120° x 60°	146 dB	143 dB

DC26

Digital Controller - see page 38 for further information.



APPLICATIONS:

- Arenas
- Convention Centers
- Large Ballrooms
- Theatres
- Music Pavilions
- Auditoriums



LA2228-SUB

TECHNICAL SPECIFICATIONS (single enclosure):	
Type:	Compact Subwoofer
Application:	LA2228 sub extension
Frequency response:	30 Hz - 150 Hz
Power Handling RMS:	1.200 W
Program Power:	2.400 W
Peak Power:	4.800 W
Sensitivity:	97 dB, 1W/1m
Maximum SPL:	127 dB continuous, 133 dB peak
Components:	2x 12" neodymium ultra low distortion woofer 4 Ohm, 3" (77 mm) voice coil, 600 W (AES)
Crossover point:	150 Hz
Nominal impedance:	8 Ohm
Input connectors:	2x Neutrick™ NL4MP
Suspension:	included
Enclosure material:	18 mm Baltic birch
Finish:	Black textured paint
Dimensions:	690 x 390 x 600 mm
Net weight:	42 kg