

# P 5228-L

## OUTDOOR/INDOOR TWO WAY SPEAKER SYSTEM

### DESCRIPTION

The P5228-L is an IP 55 (International Protection Rating) weatherproof full range, two wayline array speaker module, offering substantial power and efficiency for a variety of professional indoor or outdoor applications.

The high frequency section includes two constant directivity CMD horn, each loaded with a 1" RCF Precision neodymium compression driver with a 1.75" diaphragm assembly for smooth, wide horizontal dispersion and highly controlled 20° vertical coverage. The low frequency transducers are two 8" woofers with a 2.5" voice coil. The cabinet is a single piece rotational moulded enclosure, made in medium density polyethylene, fully UV protected equipped with 4 x M8 brass inserts and a stainless steel U-Bracket. Connections to the amplifier are made through a watertight multi-pole connector. The grille is in custom perforated aluminium with open-cell fibers and water repellent woven fabric backing.



### FEATURES

- 500 W RMS
- Weatherproof cabinet IP55
- Aluminium grill and stainless steel bracket
- Two 8" high-output LF transducers with 2.5" voice coil
- One RCF Precision neodymium 1" compression driver with 1.75" diaphragm assembly
- 90° x 20° constant directivity horn
- 2° x 15° enclosure sides for array configurations
- Active Mosfet Compression Driver Protection
- LICC (Low Impedance Compensated Crossover) network
- Input connector 4 pole Amphenol IP67

## TECHNICAL SPECIFICATIONS

<b>Acoustical specifications</b>	Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
	Max SPL @ 1m:	131 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	20°
	Directivity index Q:	11
	System Sensitivity:	98 dB
<b>Power section</b>	Nominal Impedance (ohm):	8 ohm
	Power Handling:	500 W RMS
	Peak Power Handling:	2000 W PEAK
	Recommended Amplifier:	1000 W
	Protections:	Dynamic active mosfet
	Crossover Frequencies:	1300 Hz
<b>Transducers</b>	Compression Driver:	1.0" neo, 1.75" v.c
	Nominal Impedance (ohm):	16 ohm
	Input Power Rating:	50 W AES, 100 W PEAK
	Sensitivity:	109 dB, 1W @ 1m
	Woofers:	2 x 8" neo, 2.5" v.c
	Nominal Impedance (ohm):	16 ohm
	Input Power Rating:	300 W AES, 600 W PEAK
Sensitivity:	95 dB, 1W @ 1m	
<b>Input/Output section</b>	Input connectors:	Amphenol eco/mat IP 67
<b>Standard compliance</b>	IP protection grade:	IP 55
	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	PE Low Density
	Hardware:	4 x M8 inserts
	Grille:	Aluminum with waterproof clothing
	Color:	Grey
<b>Size</b>	Height:	268 mm / 10.55 inches
	Width:	566 mm / 22.28 inches
	Depth:	250 mm / 9.84 inches
	Weight:	14 kg / 30.86 lbs
<b>Shipping informations</b>	Package Height:	604 mm / 23.78 inches
	Package Width:	289 mm / 11.38 inches
	Package Depth:	289 mm / 11.38 inches
	Package Weight:	17 kg / 37.48 lbs



**PART NUMBER**

- **13000202**

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EAN 8024530008703



