

# 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                   |
|                                  | Woofer:                     | 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                 |

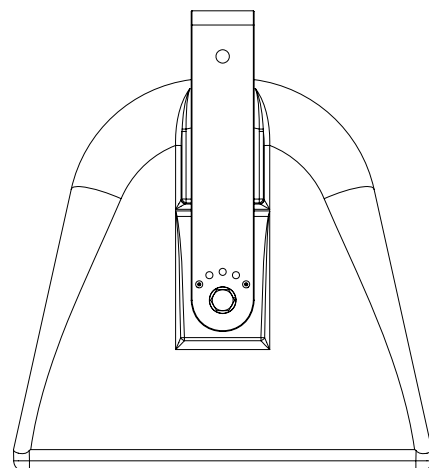
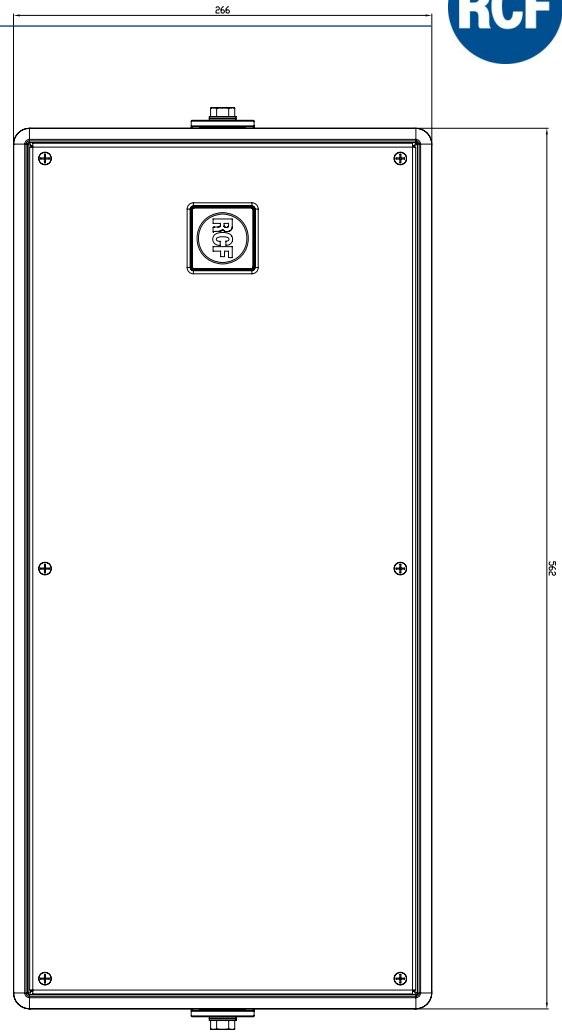
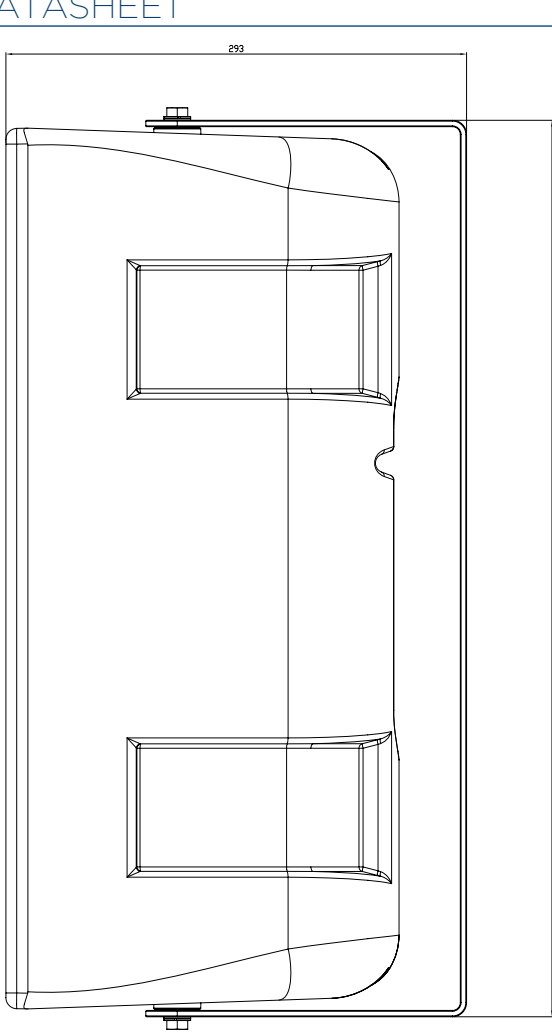


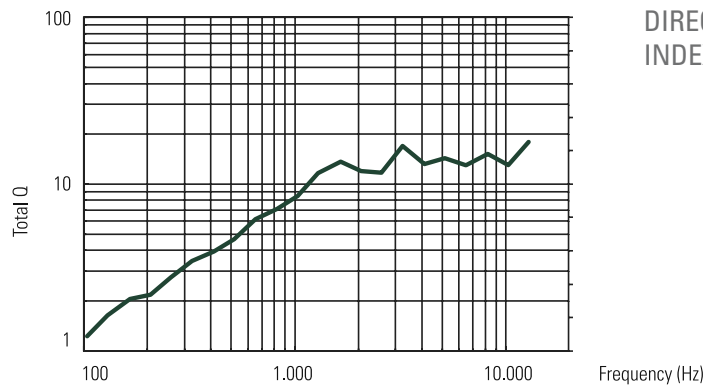
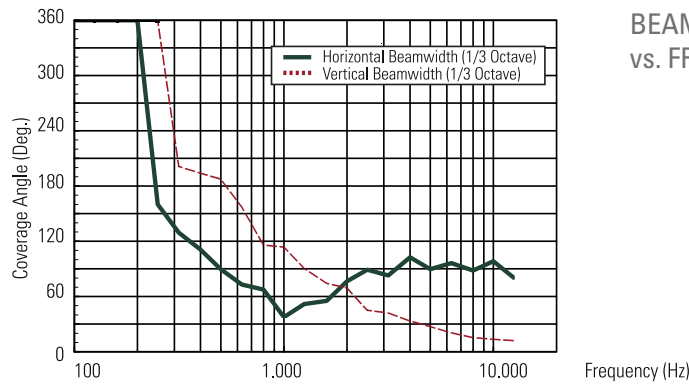
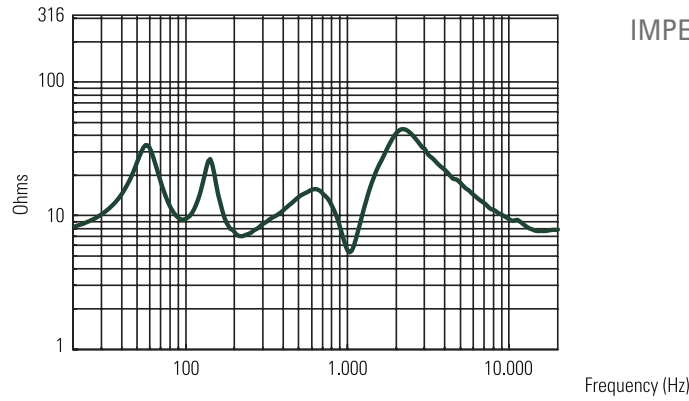
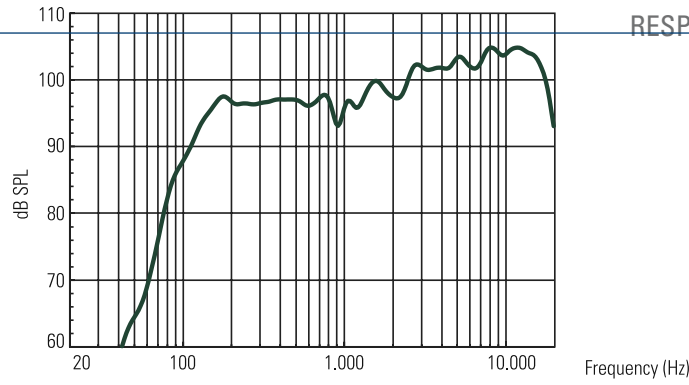
**PART NUMBER**

- **13000202**

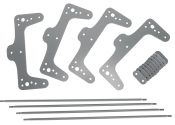
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**ACCESSORIES**



CLUSTER BRACKETS FOR P4228/P5228

PART NUMBER

**13360119**

EAN:

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