

# P 5228-L

## WEATHERPROOF TWO-WAY SPEAKER

### DESCRIPTION

The P 5228-L is a weatherproof full range, two-way speaker, suitable for a variety of professional applications. The speaker can be installed individually or coupled in array configurations. The high-frequency section includes two constant directivity CMD horns, each loaded with a 1" RCF Precision neodymium compression driver with a 1.75" diaphragm assembly for smooth, highly controlled 20° vertical coverage. The low-frequency section combines two 8" woofers with a 2.5" voice coil. The symmetrical arrangement of the transducers delivers a controlled horizontal dispersion with consistent directivity. Internal circuitry provides LICC crossover and Active Mosfet Compression Driver Protection (AMCDP). The single-piece roto-molded cabinet is fully UV protected and meets IP 55 standard requirements, equipped with M8 brass inserts (4x) and a corrosion-resistant 316P stainless steel U-bracket. Connections to the amplifier are made through a watertight multi-pole connector. The front aluminum grille is powder coated with water-repellent backing material and has a rotatable logo plate.



### FEATURES

- 131 dB Max SPL, 500W RMS
- Weatherproof IP55 cabinet with UV protection
- Rotomoulded single piece cabinet
- 90° x 20° constant directivity horn
- 2 x 8" woofer with 2.5" voice coil
- 2 x 1.75" voice coil RCF Precision neodymium compression drivers
- Built-in LICC crossover with AMCDP protection
- Amphenol IP67 4 pole input connector

**TECHNICAL SPECIFICATIONS**

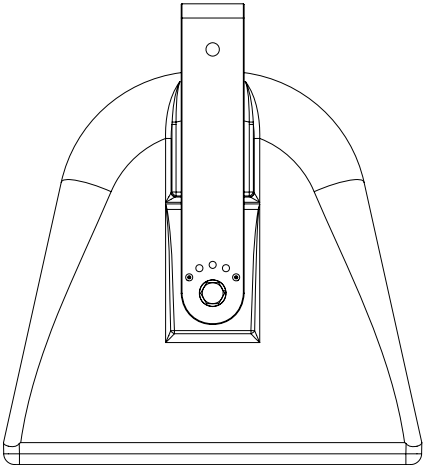
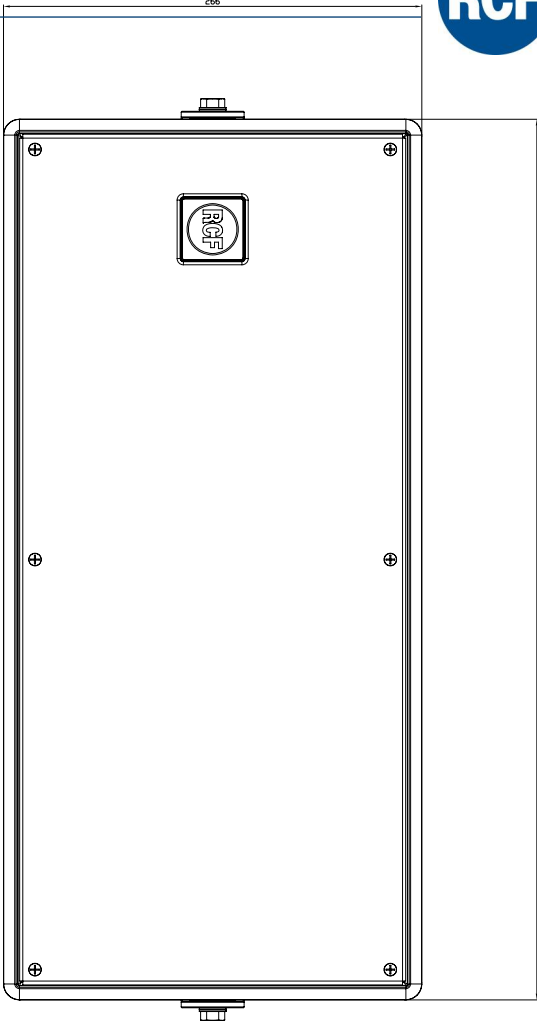
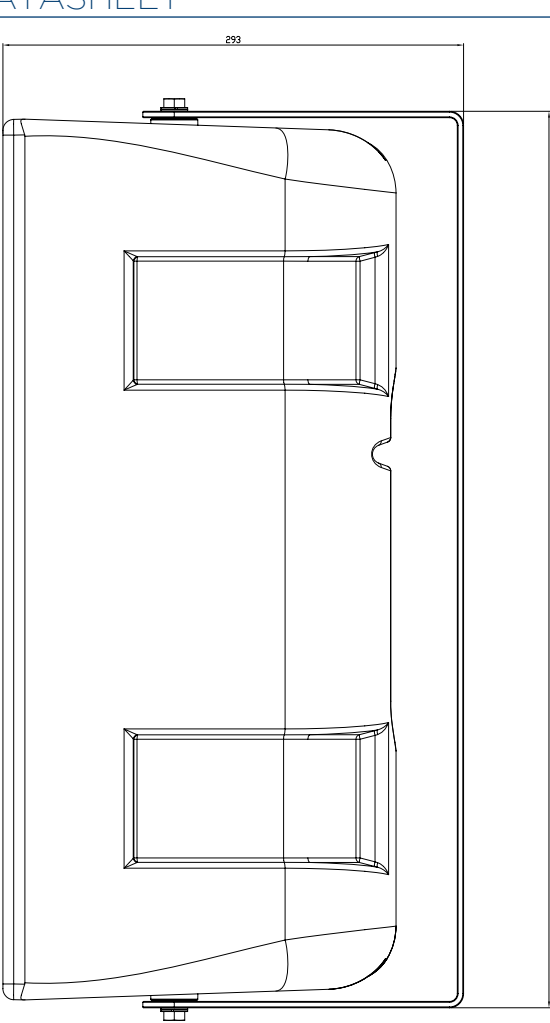
<b>Acoustical specifications</b>	Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
	Max SPL @ 1m:	131 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	20°
	Directivity index Q:	11
	System Sensitivity:	98 dB
<b>Power section</b>	Nominal Impedance:	8 ohm
	Power Handling:	500 W RMS
	Peak Power Handling:	2000 W PEAK
	Recommended Amplifier:	1000 W
	Protections:	Dynamic active mosfet
	Crossover Frequencies:	1300 Hz
<b>Transducers</b>	Compression Driver:	2 x 1.0" neo, 1.75" v.c
	Nominal Impedance:	16 ohm
	Input Power Rating:	50 W AES, 100 W PROGRAM POWER
	Sensitivity:	109 dB, 1W @ 1m
	Woofer:	2 x 8" neo, 2.5" v.c
	Nominal Impedance:	16 ohm
	Input Power Rating:	300 W AES, 600 W PROGRAM POWER
	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

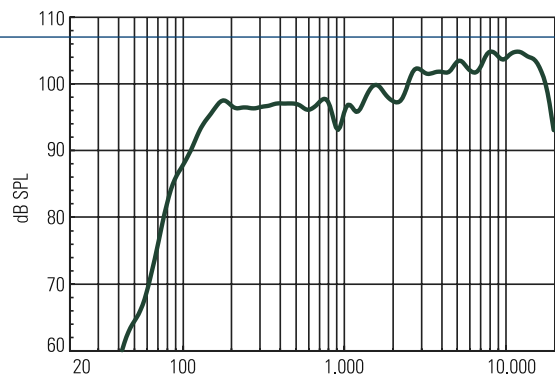
**PART NUMBER**

- **13000202**

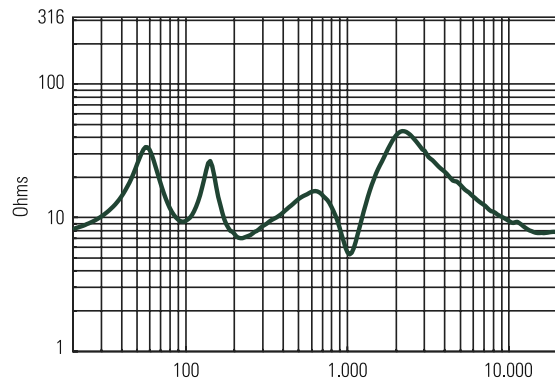
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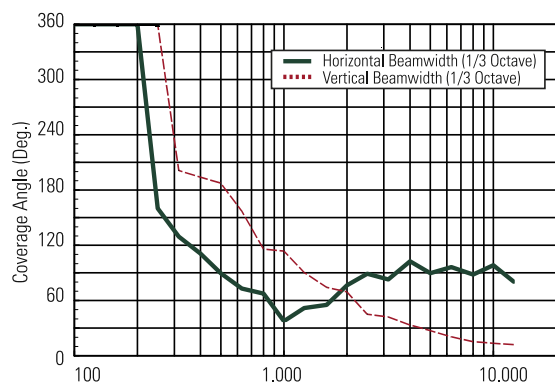




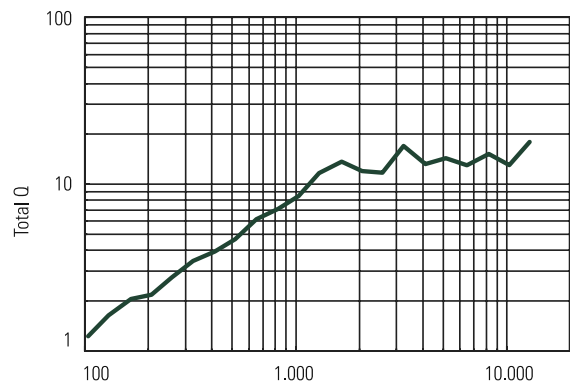
RESPONSE 1W/1m



IMPEDANCE



BEAMWIDTH  
vs. FREQUENCY



DIRECTIVITY  
INDEX AND Q

**ACCESSORIES**



CLUSTER BRACKETS FOR P4228/P5228

PART NUMBER  
EAN:

**13360119**