

P 4228

WEATHERPROOF TWO-WAY SPEAKER

DESCRIPTION

The P 4228 is a weatherproof full range, two-way speaker, suitable for a variety of professional indoor or outdoor 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 1.4" RCF Precision neodymium compression driver with a 2.5" diaphragm assembly for smooth, highly controlled 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. 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 one corrosion-resistant 316P stainless steel U-bracket. Connections to the amplifier are made through a watertight multi-pole connector. The aluminum grille cover is powder coated with water-repellent backing material and has a rotatable logo plate.



FEATURES

- 129 dB Max SPL, 400W RMS
- Weatherproof cabinet IP55 with UV protection
- Rotomoulded cabinet available in white or black
- 110° x 60° constant directivity horn
- Built-in passive LICC crossover with AMCDP protection
- 2 x 8" woofer with 2.5" voice coil
- 1 x 2.5" voice coil RCF Precision neodymium compression driver
- Amphenol IP67 4 pole input connector



TECHNICAL SPECIFICATIONS

Acoustical specifications

Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
Max SPL @ 1m:	129 dB
Horizontal coverage angle:	110°
Vertical coverage angle:	60°
Directivity index Q:	9
System Sensitivity:	97 dB

Power section

Nominal Impedance:	8 ohm
Power Handling:	400 W
Peak Power Handling:	1600 W PEAK
Recommended Amplifier:	800 W
Protections:	Dynamic active mosfet
Crossover Frequencies:	1100 Hz

Transducers

Compression Driver:	1 x 1.4" neo, 2.5" v.c
Woofers:	2 x 8", 2.5" v.c

Input/Output section

Input connectors:	Amphenol eco/mat IP 67
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Standard compliance

CE marking:	Yes
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Physical specifications

Cabinet/Case Material:	PE Low Density
Hardware:	4 x M8 + U-bracket and pair of spacers
Grille:	Aluminum with waterproof clothing
Color:	Grey, White - RAL 9003

Size

Height:	268 mm / 10.55 inches
Width:	566 mm / 22.28 inches
Depth:	250 mm / 9.84 inches
Weight:	14 kg / 30.86 lbs

Shipping informations

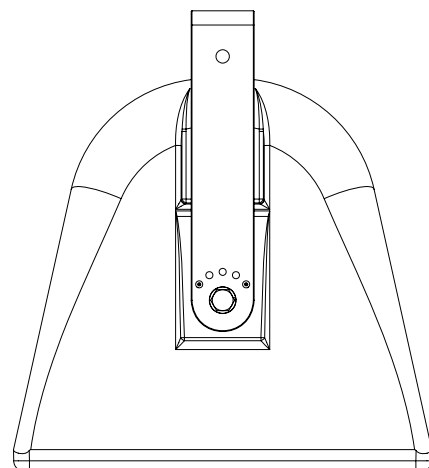
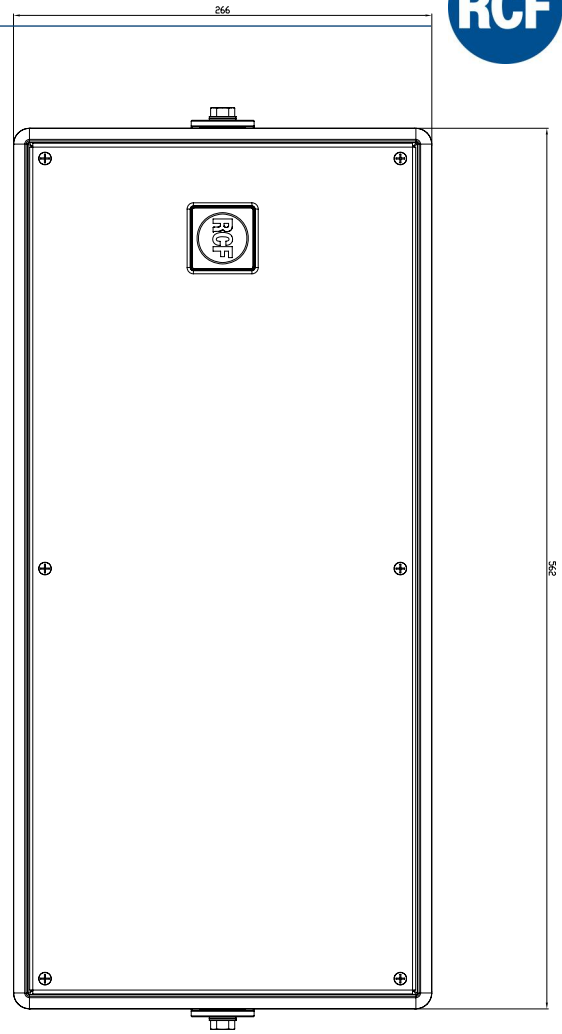
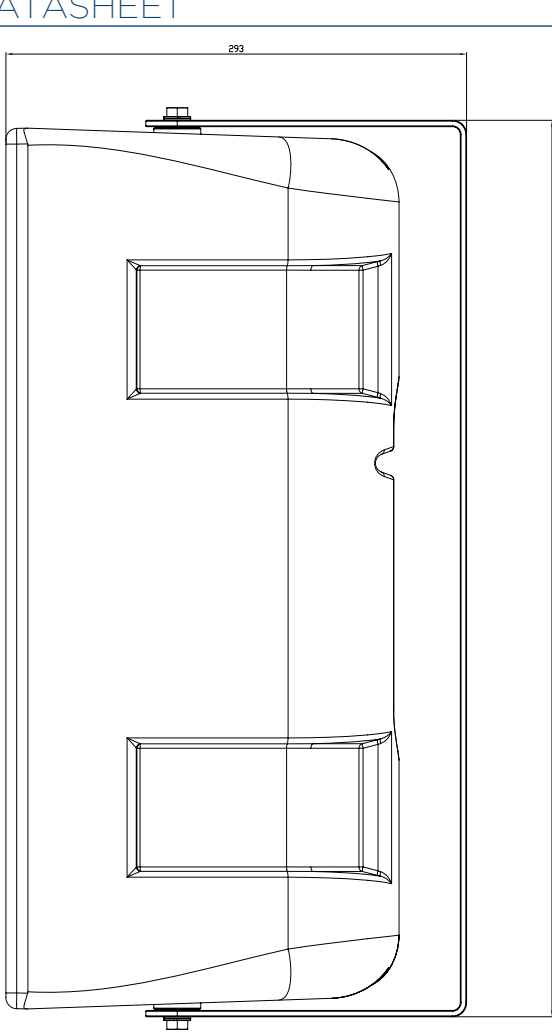
Package Height:	684 mm / 26.93 inches
Package Width:	429 mm / 16.89 inches
Package Depth:	394 mm / 15.51 inches
Package Weight:	15.6 kg / 34.39 lbs

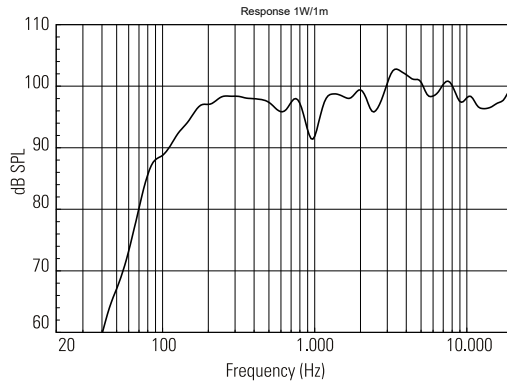
PART NUMBER

- **13100092**
P 4228
Grey

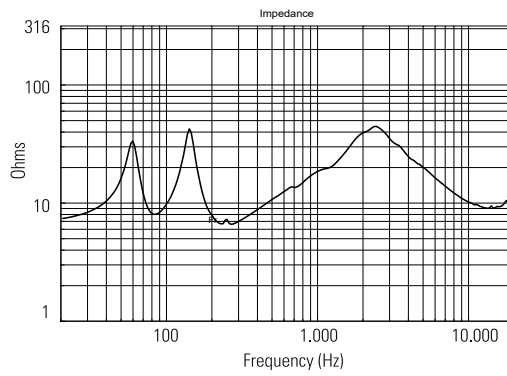
- **13100081**
P 4228 W
White - RAL 9003
EAN 8024530017507

- **13000199**
P 4228
Grey
EAN 8024530008673

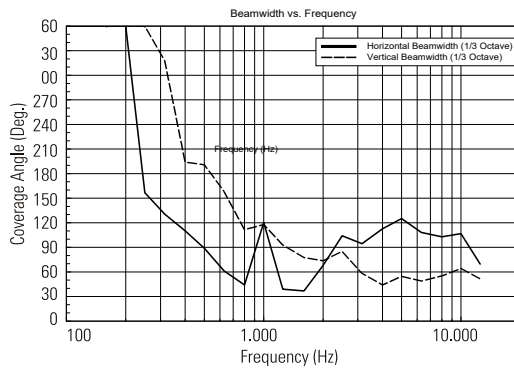




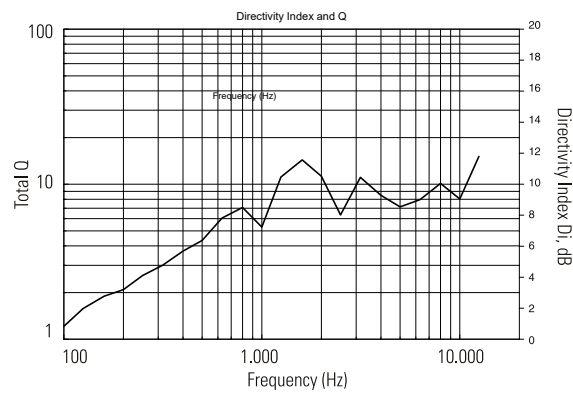
RESPONSE 1W/1m



IMPEDANCE

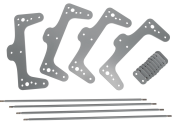


BEAMWIDTH vs. FREQUENCY



DIRECTIVITY INDEX AND Q

ACCESSORIES



CLUSTER BRACKETS FOR P4228/P5228

PART NUMBER

13360119

EAN:
