

P 4228

WEATHERPROOF TWO WAY LOUDSPEAKER

DESCRIPTION

The P4228 is a weatherproof full range, wide-dispersion, two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications.

The high frequency section is a constant directivity CMD horn loaded with a 1.4" RCF Precision compression driver with a 2.5" diaphragm assembly for smooth, wide dispersion. The low-frequency transducer is a double 8" woofer with a 2.5" voice coil. The cabinet is a single piece rotational moulded in medium density polyethylene, full UV protected. The cabinet is equipped with 4 x M8 brass inserts, a stainless steel U-Bracket. The front logo is in aluminium and rotatable. The grille is in custom perforated aluminium with open-cell fibres and water repellent woven fabric backing. P 4228 is suitable for indoor and outdoor applications/installations, it meets the requirements of IP 55 code (International Protection Rating).



FEATURES

- Weatherproof cabinet IP 55
- Aluminium grill and stainless steel bracket
- Two 8" high-output LF transducer with 2.5" voice coil
- One RCF Precision 1.4" Neo Compression Driver with 2.5" voice coil
- 110° x 60° constant directivity horn
- Built in passive crossover
- 2° x 15° enclosure sides for array configurations
- Active Mosfet Compression Driver Protection
- LICC (Low Impedance Compensated Crossover) network

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

Transducers

Compression Driver:	1.4" neo, 2.5" v.c
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	90 W AES, 180 W PEAK
Sensitivity:	110 dB, 1W @ 1m
Woofer:	2 x 8", 2.5" v.c
Nominal Impedance (ohm):	16 ohm
Input Power Rating:	300 W AES, 600 W PEAK
Sensitivity:	95 dB, 1W @ 1m

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

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

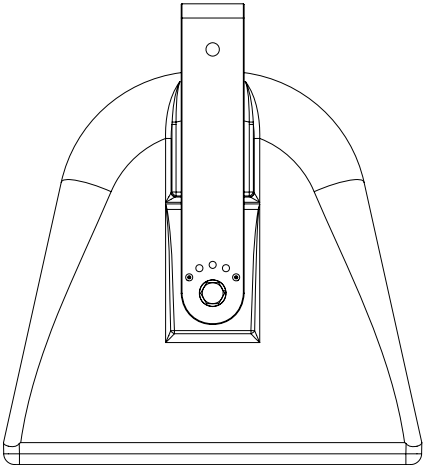
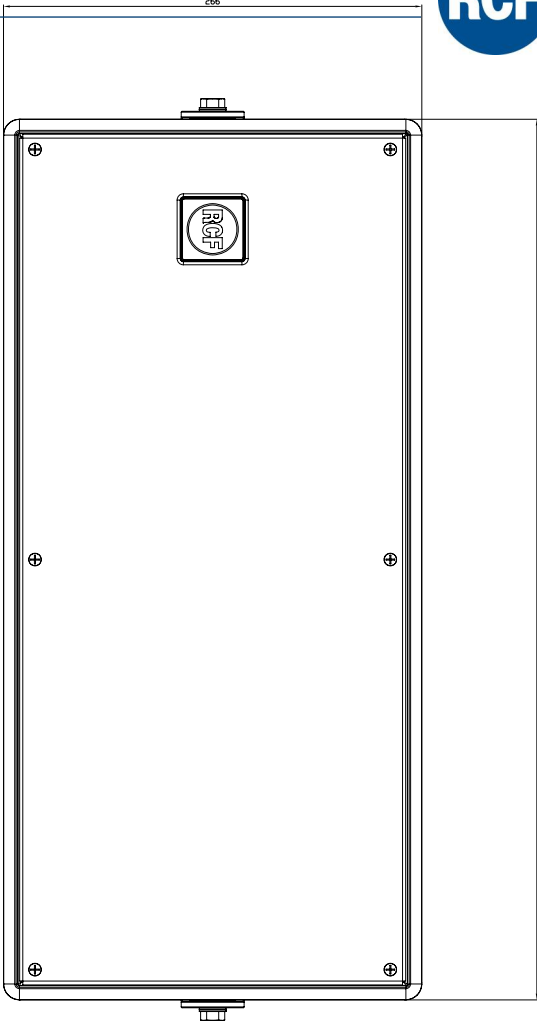
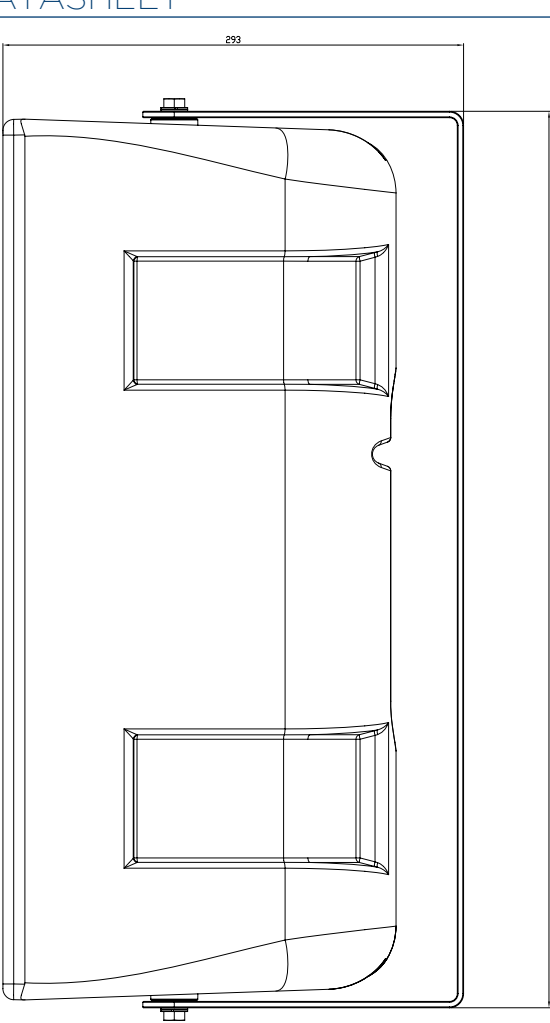
Package Height:	684 mm / 26.93 inches
Package Width:	429 mm / 16.89 inches
Package Depth:	394 mm / 15.51 inches
Package Weight:	15.6 kg / 34.39 lbs

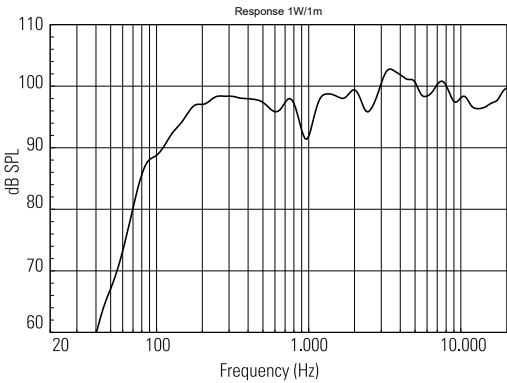
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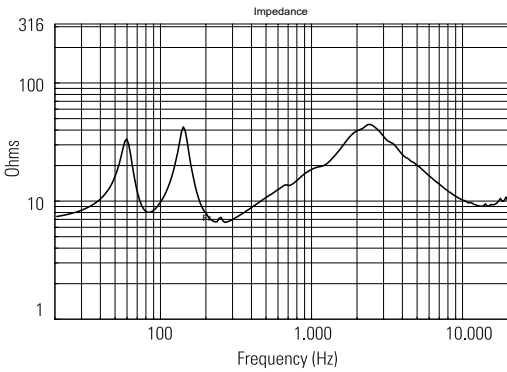
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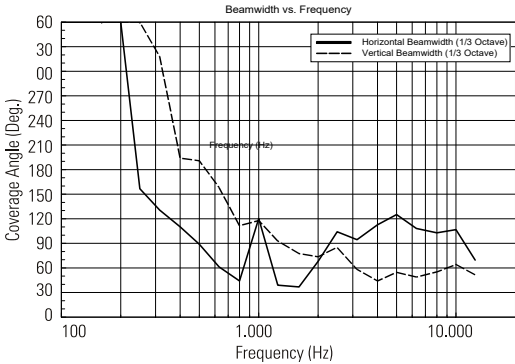




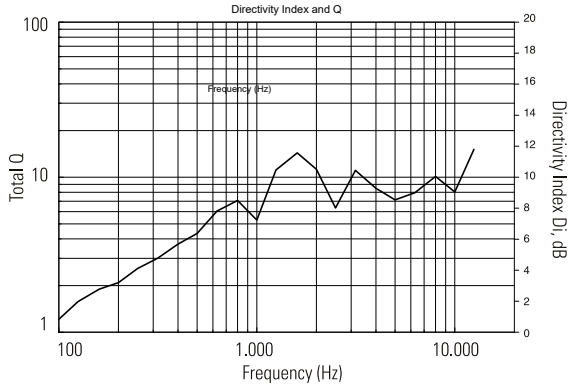
RESPONSE 1W/1m



IMPEDANCE



BEAMWIDTH
vs. FREQUENCY



DIRECTIVITY
INDEX AND Q