

P 3108

WEATHERPROOF TWO WAY LOUDSPEAKER

DESCRIPTION

The P3108 is a weatherproof full range, wide-dispersion, two way loudspeaker system for 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" RCF Precision compression driver with a 1.5" diaphragm assembly for smooth, wide dispersion. The low-frequency transducer is a 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 4xM8 brass inserts and 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 3108 is suitable for indoor and outdoor applications/installations, it meets the requirements of IP 55 code (International Protection Rating).



FEATURES

- Weatherproof cabinet IP 55
- Active Mosfet Compression Driver Protection
- One 8" high-output LF transducer with 2.5" voice coil
- One RCF Precision 1" Compression Driver with 1.5" voice coil
- 90° x 60° constant directivity horn
- Built in passive crossover
- 2° x 15° enclosure sides for array configurations
- 4 brass suspension points (M8)
- Input connector 4 pole Amphenol IP 67
- Mounting hardware 304 stainlesssteel, highly resistant to corrosion and oxidation

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
	Max SPL @ 1m:	125 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	60°
	Directivity index Q:	11
	System Sensitivity:	94 dB
Power section	Nominal Impedance (ohm):	8 ohm
	Power Handling:	300 W RMS
	Peak Power Handling:	1200 W PEAK
	Recommended Amplifier:	600 W
	Protections:	Dynamic active mosfet
	Crossover Frequencies:	1800 Hz
Transducers	Compression Driver:	1.0", 2.5" v.c
	Nominal Impedance (ohm):	8 ohm
	Input Power Rating:	25 W AES, 50 W PEAK
	Sensitivity:	109 dB, 1W @ 1m
	Woofers:	8", 2.5" v.c
	Nominal Impedance (ohm):	8 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
Standard compliance	IP protection grade:	IP 55
	CE marking:	Yes
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:	266 mm / 10.47 inches
	Width:	493 mm / 19.41 inches
	Depth:	250 mm / 9.84 inches
	Weight:	10.6 kg / 23.37 lbs
Shipping informations	Package Height:	415 mm / 16.34 inches
	Package Width:	660 mm / 25.98 inches
	Package Depth:	415 mm / 16.34 inches
	Package Weight:	11.5 kg / 25.35 lbs

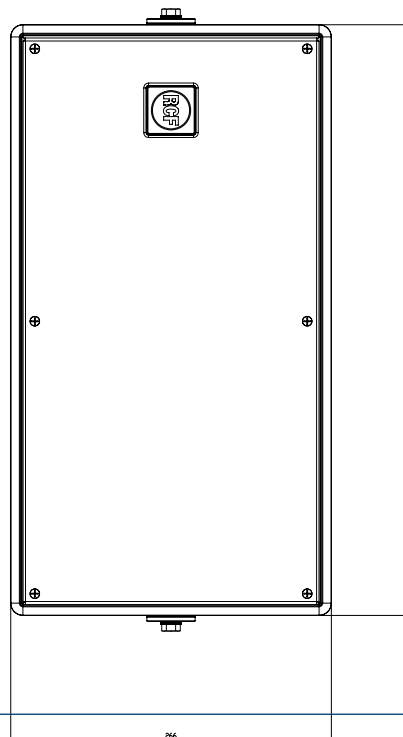
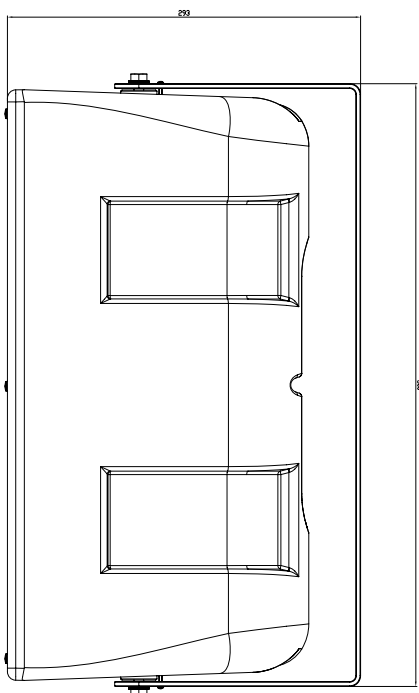
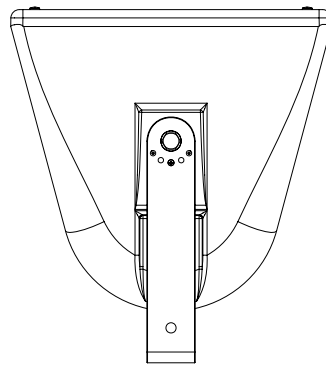
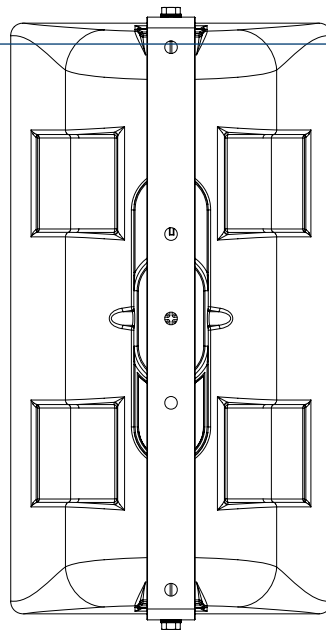


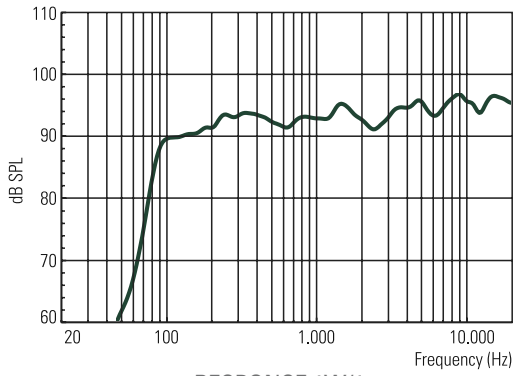
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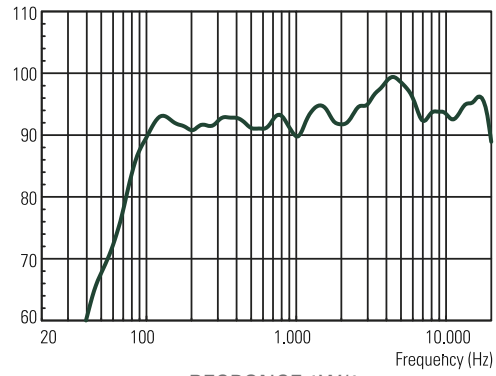
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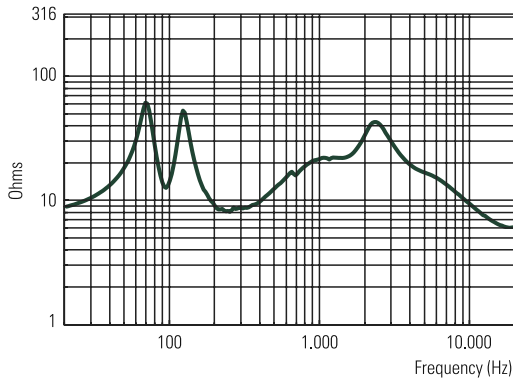




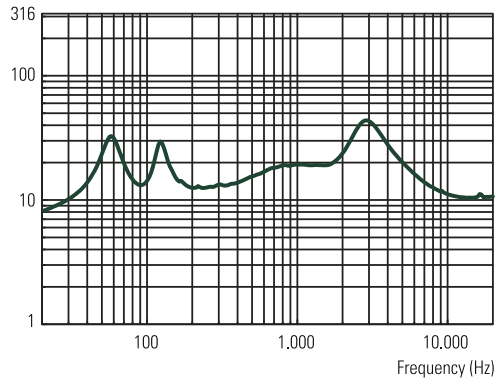
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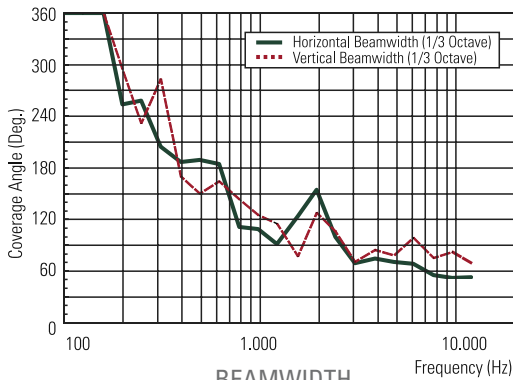
RESPONSE 1W/1m



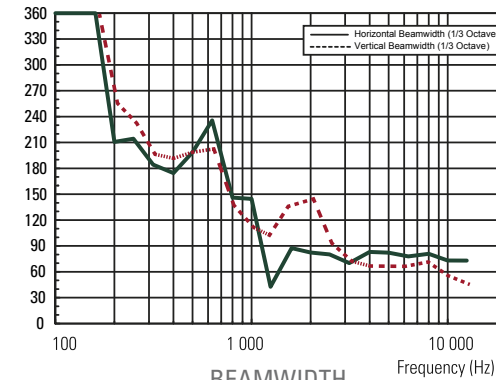
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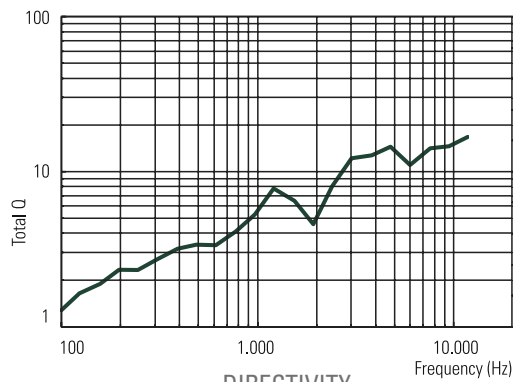
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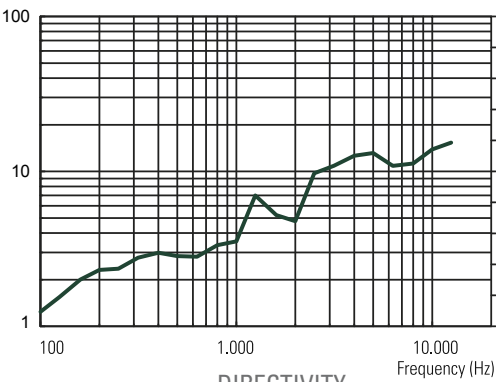
BEAMWIDTH vs. FREQUENCY



BEAMWIDTH vs. FREQUENCY



DIRECTIVITY INDEX AND Q



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