

P 3108

WEATHERPROOF TWO-WAY SPEAKER

DESCRIPTION

The P 3108 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" RCF Precision neodymium compression driver, and a 1.5" diaphragm assembly. 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 (4x) brass inserts and one corrosion-resistant 316P stainless steel U-bracket. Connections to the amplifier are made through a watertight multi-pole connector. The horn can be rotated, allowing the loudspeaker to be installed either vertically or horizontally. The front aluminum grille cover is powder coated with a water-repellent backing material, with a rotatable logo plate.



FEATURES

- 300 W RMS power handling
- 125 dB max SPL
- 80 Hz ÷ 20000 Hz frequency range
- 8" neodymium woofer, 2.5" v.c.
- 1.5" v.c. neodymium compression driver
- 90° x 60° constant directivity
- Weatherproof IP55 cabinet with UV protection
- Aluminum grille
- AISI 316L stainless steel bracket
- Amphenol IP67 4 pole input connector

TECHNICAL SPECIFICATIONS

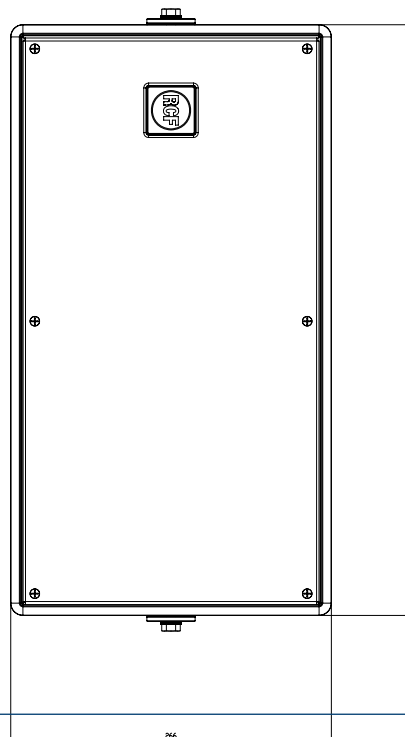
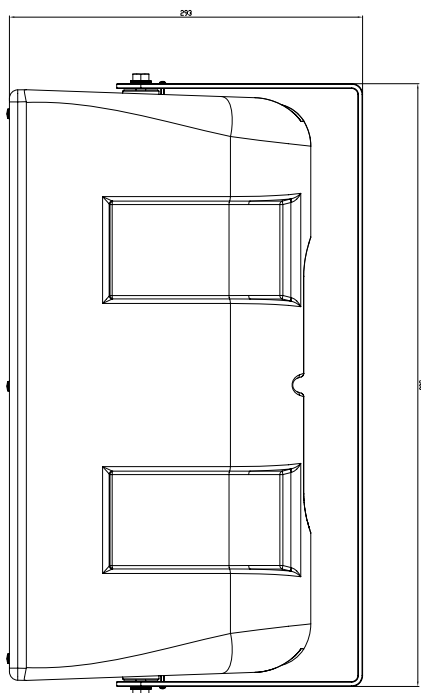
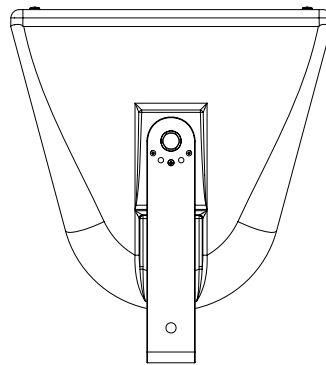
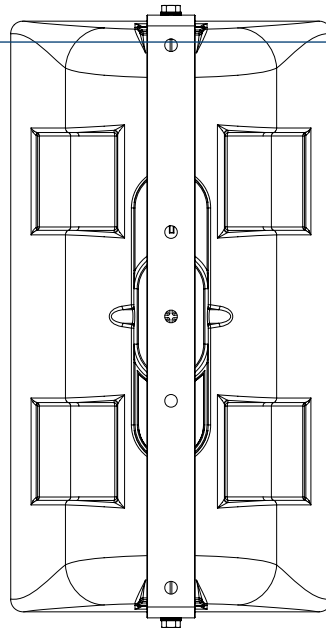
Acoustical specifications	Frequency Response (-10dB)	80 Hz ÷ 20000 Hz
	Max SPL @ 1m	125 dB
	Horizontal coverage angle	90°
	Vertical coverage angle	60°
	Directivity index Q	11
	System Sensitivity	94 dB
Power section	Amplification	Full Range
	Nominal Impedance	8 ohm
	Power Handling	300 W
	Peak Power Handling	1200 W PEAK
	Protections	Dynamic active mosfet
	Crossover Frequencies	1800 Hz
Transducers	Compression Driver	1 x 1.0", 1.5" v.c
	Woofers	1 x 8", 2.5" v.c
Input/Output section	Input connectors	Amphenol eco/mat IP 67
Standard compliance	IP protection grade	IP 55
	Safety agency	CE compliant
Physical specifications	Hardware	4 x M8 + U-bracket and pair of spacers
	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 information	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

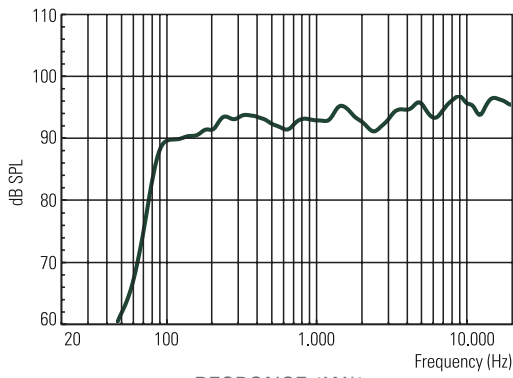
PART NUMBER

- **13000198**

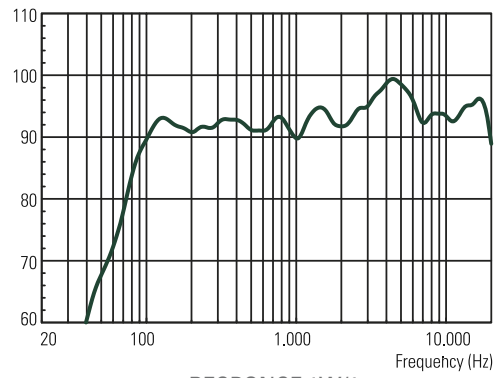
P 3108

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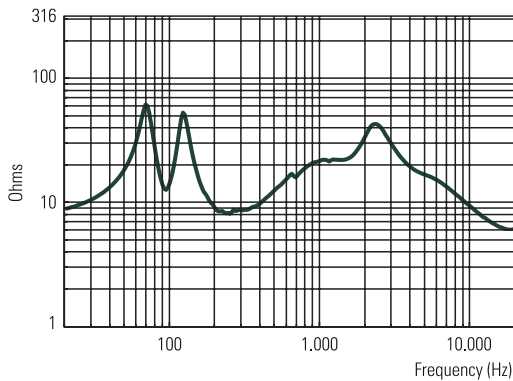




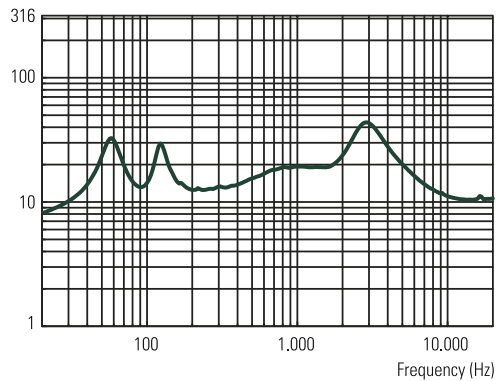
RESPONSE 1W/1m



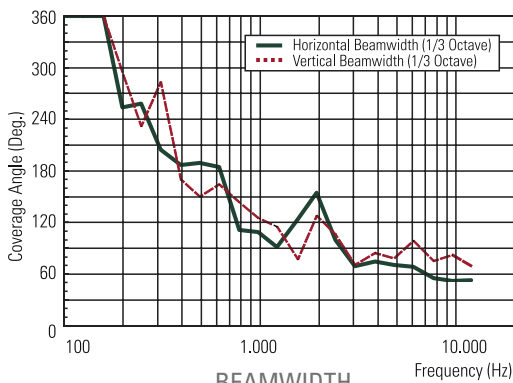
RESPONSE 1W/1m



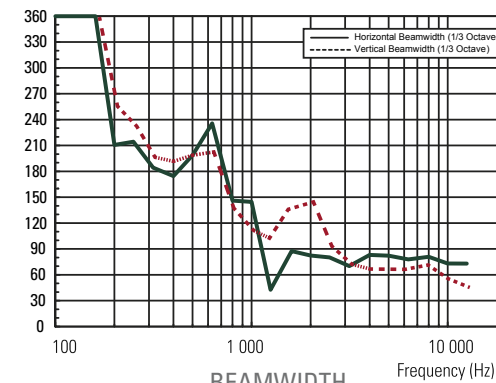
IMPEDANCE



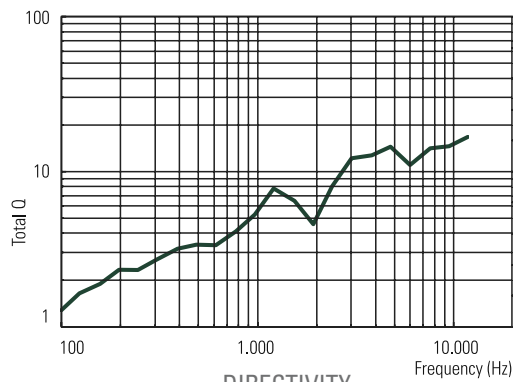
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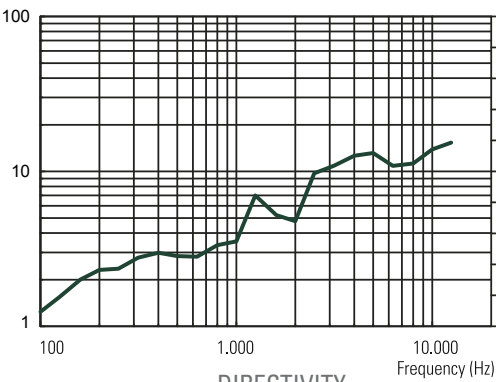
BEAMWIDTH vs. FREQUENCY



BEAMWIDTH vs. FREQUENCY



DIRECTIVITY INDEX AND Q



DIRECTIVITY INDEX AND Q



ACCESSORIES