

# 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 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

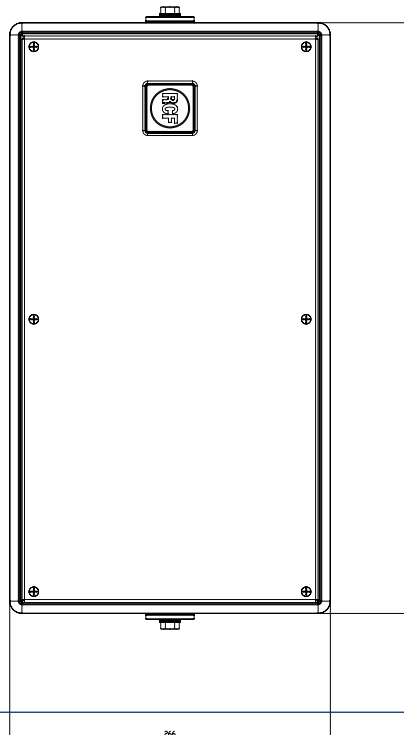
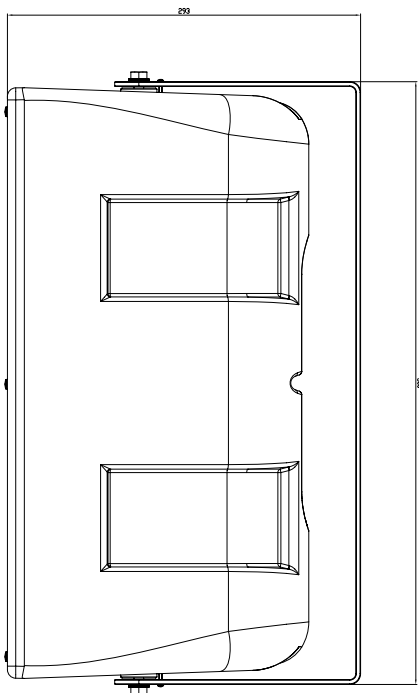
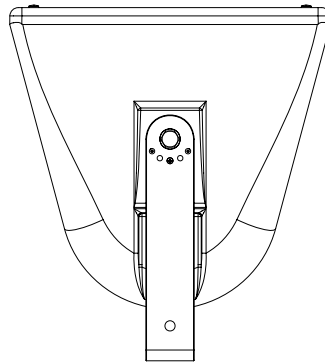
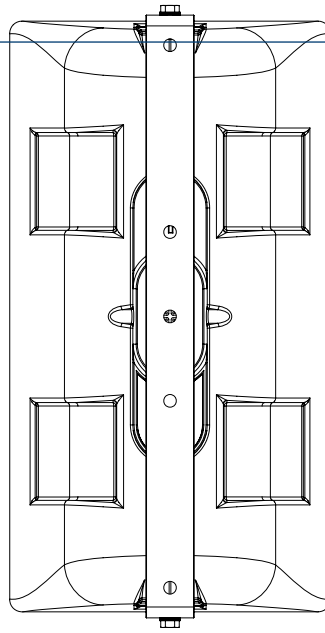
<b>Acoustical specifications</b>	Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
	Max SPL @ 1m:	125 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	60°
	Directivity index Q:	11
	System Sensitivity:	94 dB
<b>Power section</b>	Amplification:	Full Range
	Nominal Impedance:	8 ohm
	Power Handling:	300 W
	Peak Power Handling:	1200 W PEAK
	Recommended Amplifier:	600 W
	Protections:	Dynamic active mosfet
	Crossover Frequencies:	1800 Hz
<b>Transducers</b>	Compression Driver:	1 x 1.0", 1.5" v.c
	Woofers:	8", 2.5" v.c
<b>Input/Output section</b>	Input connectors:	Amphenol eco/mat IP 67
<b>Standard compliance</b>	IP protection grade:	IP 55
	Safety agency:	CE compliant
<b>Physical specifications</b>	Cabinet/Case Material:	PE Low Density
	Hardware:	4 x M8 + U-bracket and pair of spacers
	Grille:	Aluminum with waterproof clothing
	Color:	Grey
<b>Size</b>	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
<b>Shipping information</b>	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

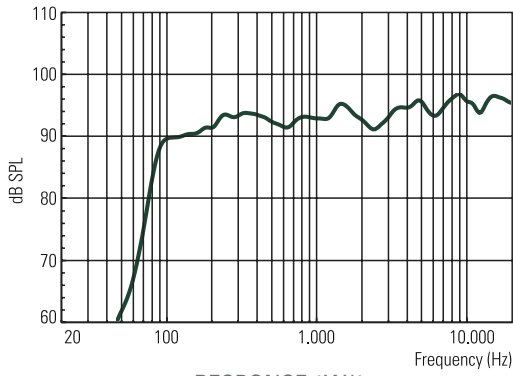
## PART NUMBER

- **13000198**

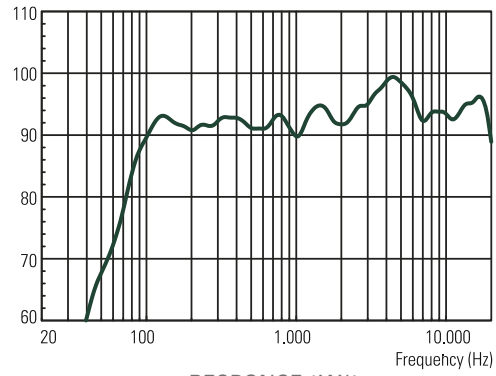
P 3108

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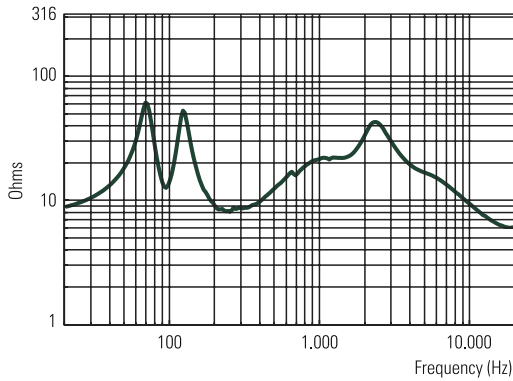




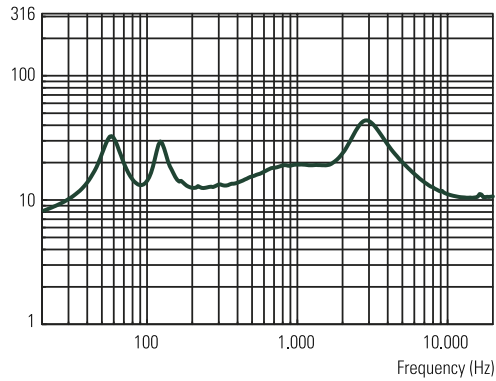
RESPONSE 1W/1m



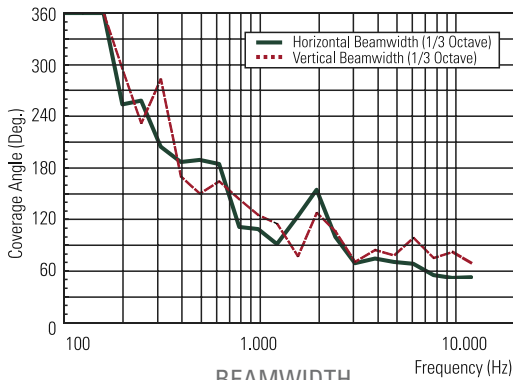
RESPONSE 1W/1m



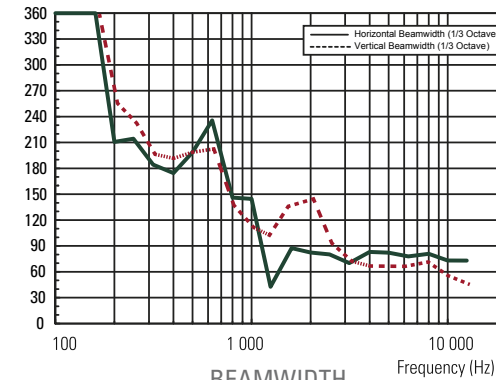
IMPEDANCE



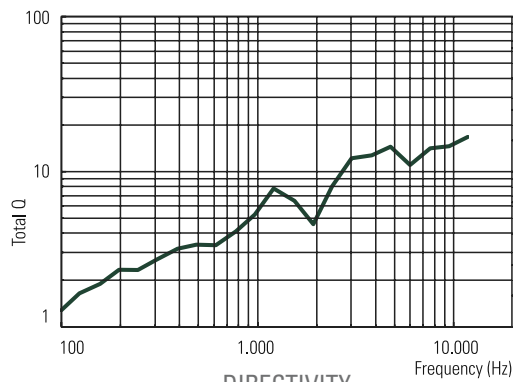
IMPEDANCE



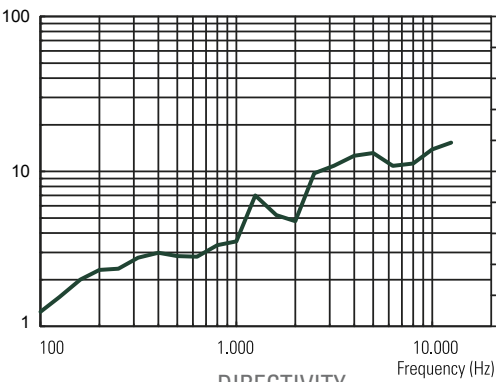
BEAMWIDTH vs. FREQUENCY



BEAMWIDTH vs. FREQUENCY



DIRECTIVITY INDEX AND Q



DIRECTIVITY INDEX AND Q



**ACCESSORIES**