P 3115T

WEATHERPROOF COAXIAL TWO WAY SPEAKER

DESCRIPTION

The P 3115T is a weatherproof full range, wide-dispersion, coaxial two-way loudspeaker system for a variety of professional indoor or outdoor applications. The speaker can be installed individually or coupled in array configurations. The low-frequency transducer is a 15” woofer with a 3” voice coil. The high-frequency section combines a 1.3” RCF Precision compression driver with a 2.5” diaphragm assembly centrally mounted in the throat of the LF driver and loaded on a constant directivity CMD horn for smooth, wide dispersion. The P3115-T features a selectable line transformer for 70 - 100 volt applications, built-in 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 M10 brass inserts (12x), and a durable and corrosion-resistant 316P stainless steel U-Bracket with spacers (2x) for 90° mounting. The aluminum grille cover is powder coated with water-repellent backing material and has a rotatable logo plate.



FEATURES

- 300 W RMS power handling
- 129 dB max SPL
- 75 Hz ÷ 20000 Hz frequency range
- 15″ neodymium woofer, 2.5″ v.c.
- 1.75″ v.c. neodymium compression driver
- 90° x 60° constant directivity
- Weatherproof IP55 cabinet with UV protection
- Aluminum grille
- AISI 316L stainless steel bracket
- Built in 100V line transformer

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB):	75 Hz ÷ 20000 Hz
	Max SPL @ 1m:	129 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	60°
	Directivity index Q:	13
	System Sensitivity:	98 dB
Power section	Amplification:	Full Range
	Nominal Impedance:	16 ohm
	Power Handling:	300 W
	Peak Power Handling:	1200 W PEAK
	Recommended Amplifier:	600 W
	Protections:	Dynamic active mosfet
	Crossover Frequencies:	1300 Hz
Transducers	Compression Driver:	1.0", 1.5" v.c
	Woofer:	Coaxial 15", 2.5" v.c
Input/Output section	Input connectors:	Neoprene Cable
	Constant Voltage Transformer:	100 V
	Power selection 1:	120 W - 83 ohm
	Power selection 2:	60 W - 167 ohm
	Power selection 3:	30 W - 333 ohm
Standard compliance	IP protection grade:	IP 55
	Safety agency:	CE compliant
Physical specifications	Cabinet/Case Material:	PE Low Density
	Hardware:	12 x M10 inserts + U-brackets and pair of spacers
	Grille:	Aluminum with waterproof clothing
	Color:	Grey, White - RAL 9003
Size	Height:	463 mm / 18.23 inches
	Width:	463 mm / 18.23 inches
	Depth:	433 mm / 17.05 inches
	Weight:	18.4 kg / 40.57 lbs
Shipping information	Package Height:	530 mm / 20.87 inches
	Package Width:	490 mm / 19.29 inches
	Package Depth:	490 mm / 19.29 inches
	Package Weight:	23.2 kg / 51.15 lbs

RCF products are continually improved. All specifications are therefore subject to change without notice.

PART NUMBER

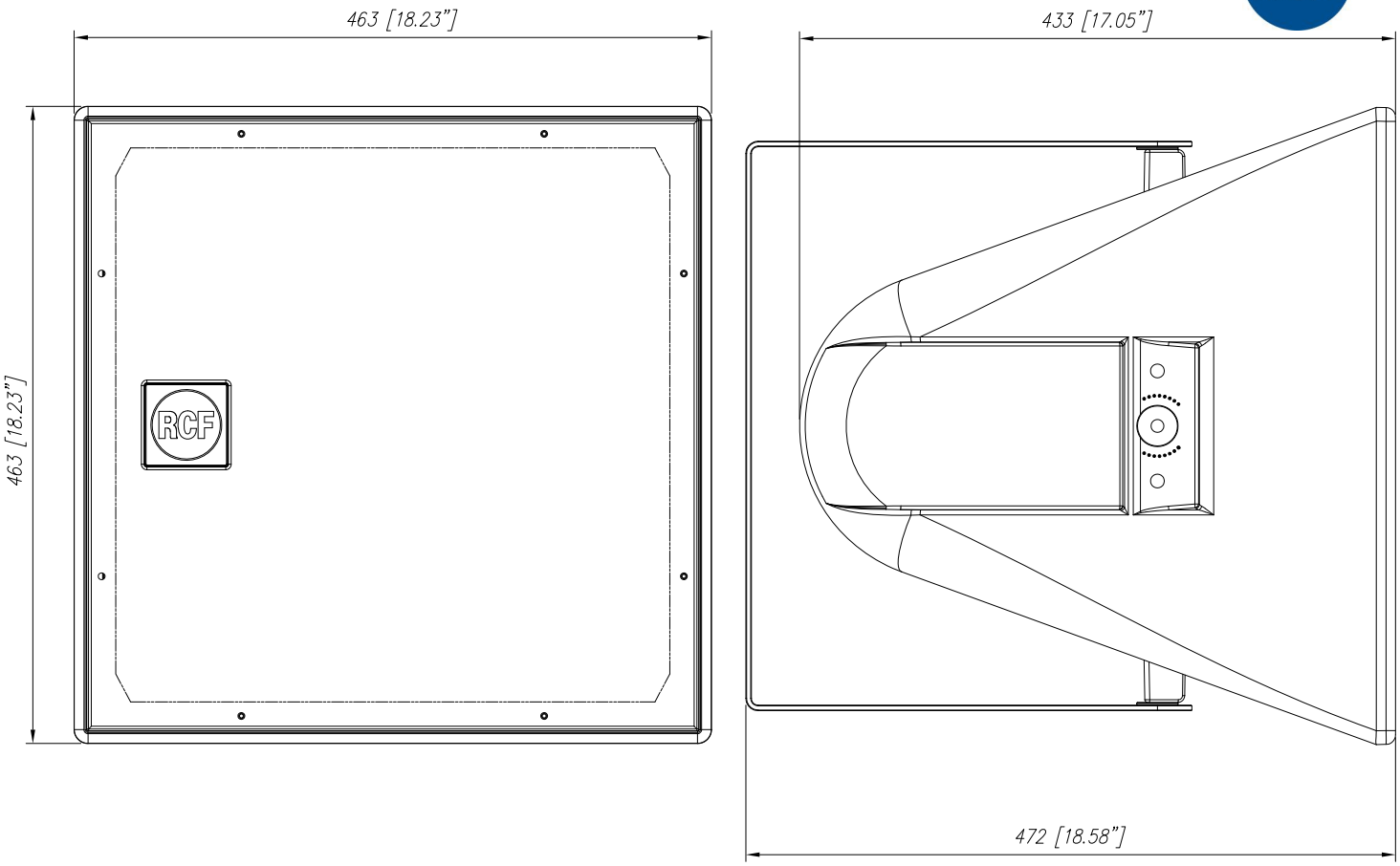
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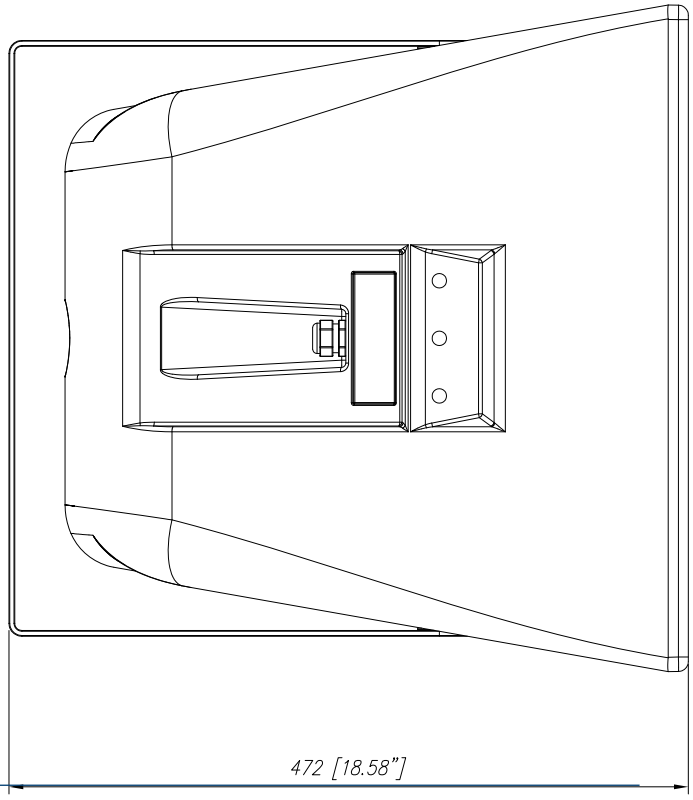
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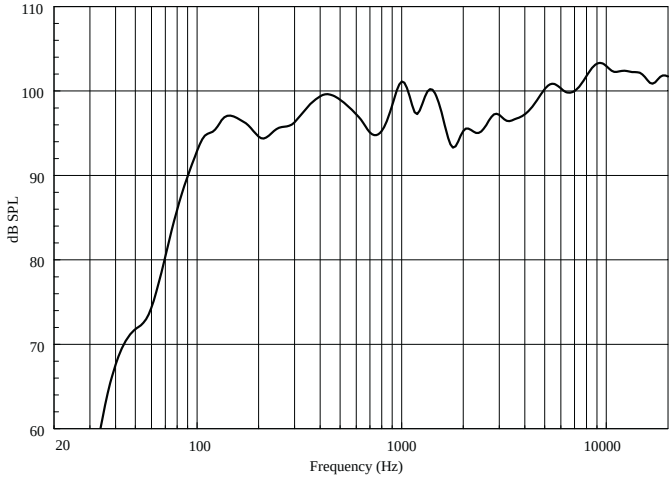
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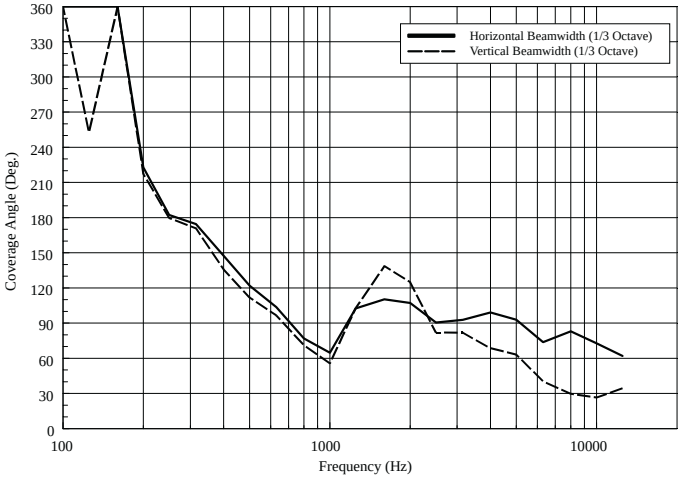
P3115
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P8015



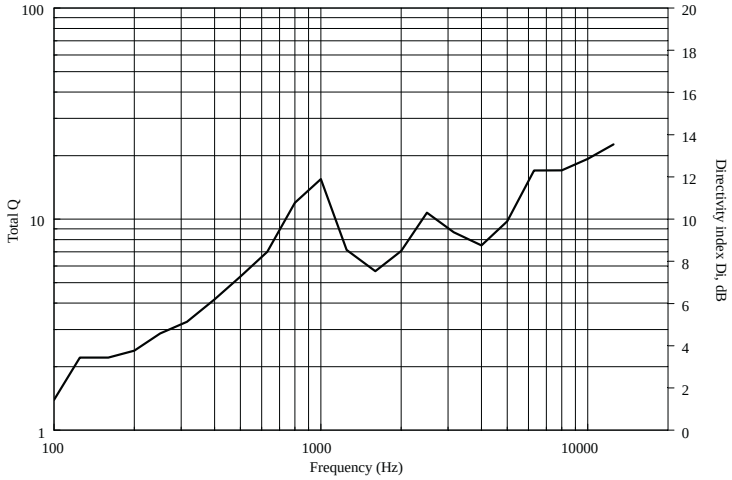
Response 1W/1m



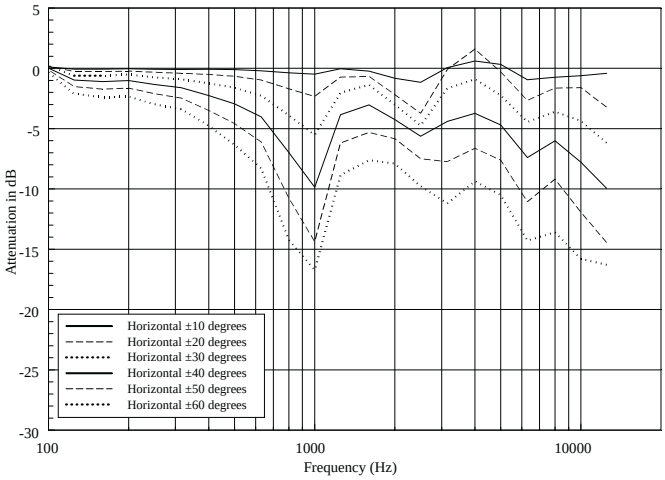
Beamwidth vs. Frequency



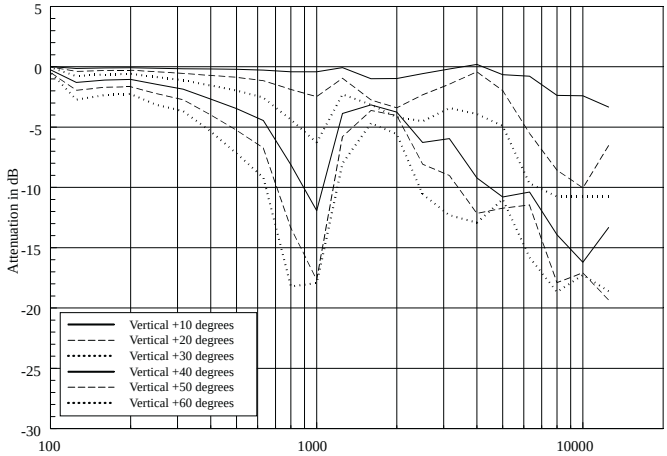
Directivity Index and Q



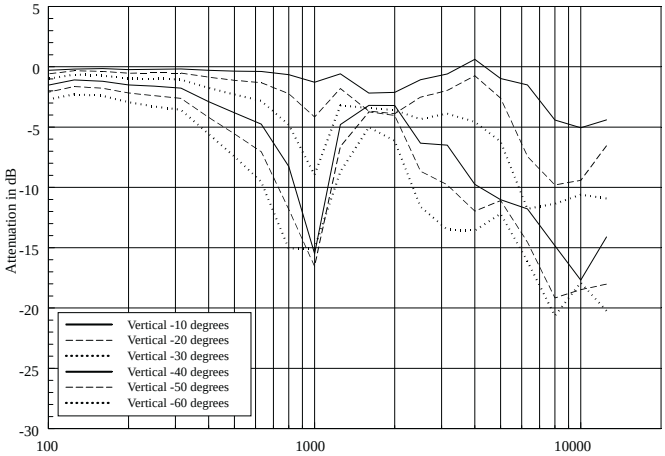
Normalized Horizontal off-axis Response



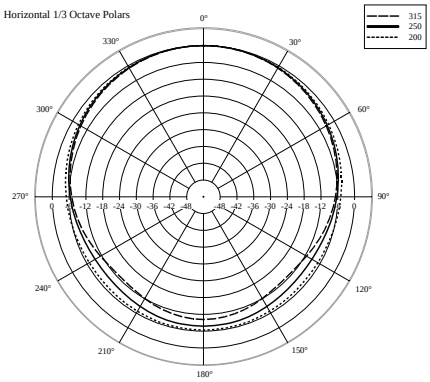
Normalized Vertical off-axis Response. Above the box



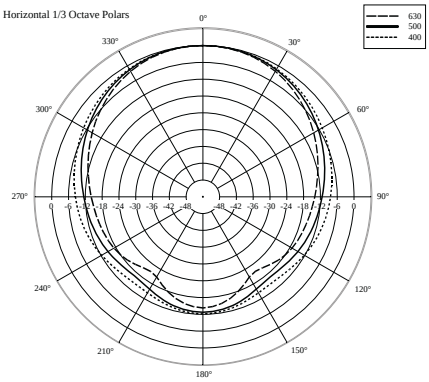
Normalized Vertical off-axis Response. Below the box



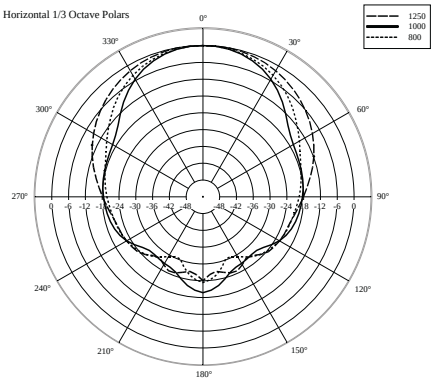
Horizontal 1/3 Octave Polars



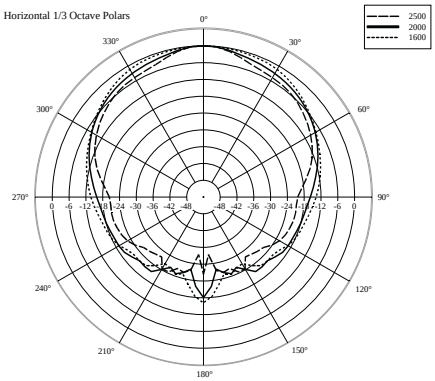
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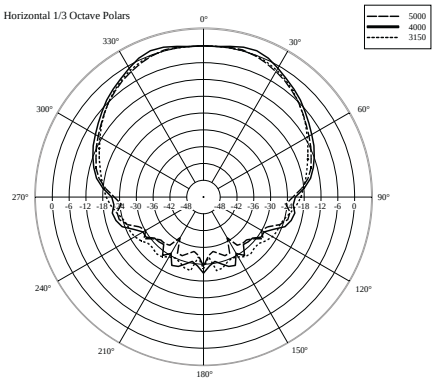
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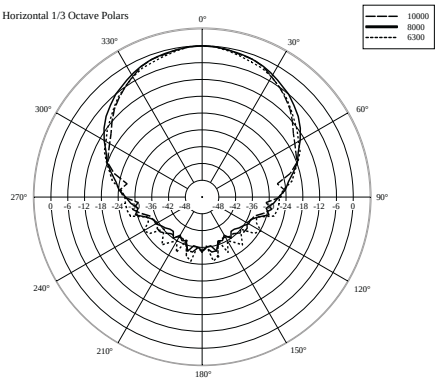
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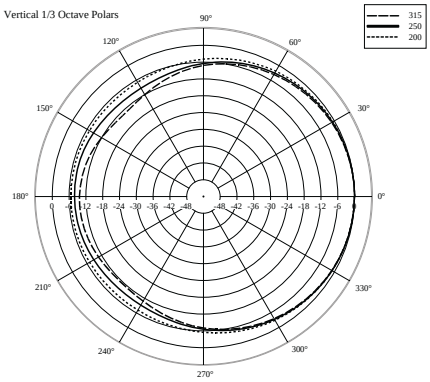
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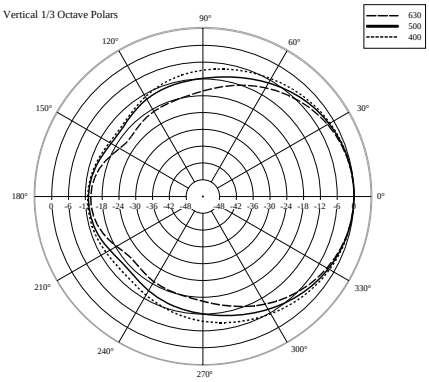
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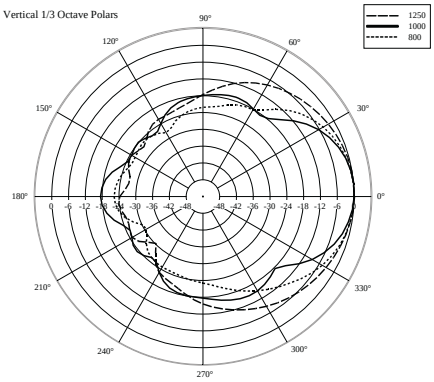
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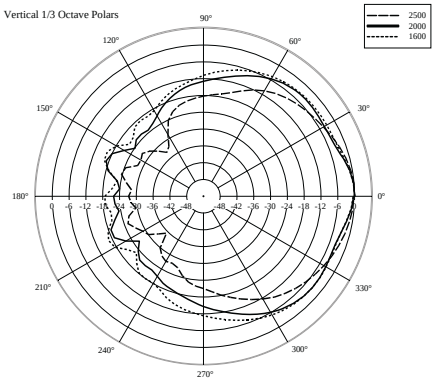
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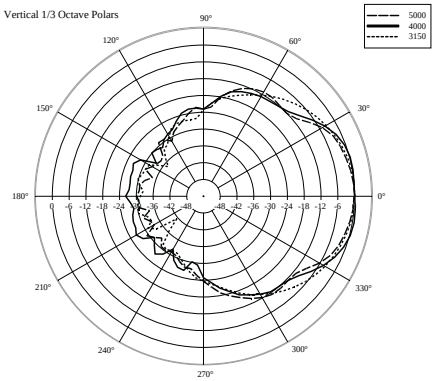
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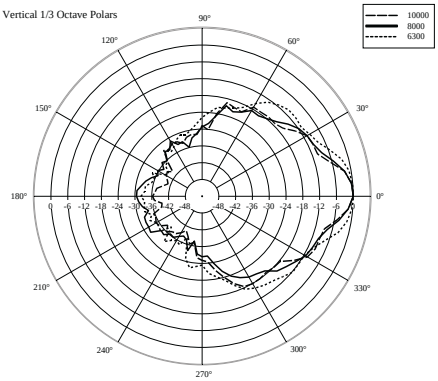
Vertical 1/3 Octave Polars



Vertical 1/3 Octave Polars



Vertical 1/3 Octave Polars



ACCESSORIES



AC P15 A-BR CLUSTER BRACK.- P6215/P3115

PART NUMBER **13360094**
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