

MR 55

2 WAY REFLEX SPEAKER HIGH DEFINITION

DESCRIPTION

Careful acoustic design and the use of advanced materials contribute to the exceptional music fidelity and speech intelligibility exhibited by the RCF Monitor 55 (black) and Monitor 55W (white) two-way speaker systems.

The shielded low-frequency driver's carbon fiber diaphragm produces a linear response and low distortion. The high-frequency section features a 110° x 110° constant directivity horn with a built-in mechanical phase equalizer. The horn is driven by a Ferrofluid® cooled, 0.75" soft dome tweeter.



FEATURES

- Ideal for high quality paging and music reproduction
- Transducers LF 5" - HF 0.75" constant directivity tweeter
- Built-in low inductance passive crossover with high frequency dynamic protection
- bass reflex tuned at 65Hz
- Body in self-extinguishing plastic
- Includes hinged support for installation

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	55 Hz ÷ 25000 Hz
	Max SPL @ 1m	110 dB
	Coverage angle	110°
	System Sensitivity	87 dB
Power section	Nominal Impedance	4 ohm
	Power Handling	175 W
	Peak Power Handling	700 W PEAK
	Crossover Frequencies	3000 Hz
Transducers	Dome Tweeter	1 x 0.75"
	Woofers	1 x 5.0"
Input/Output section	Input connectors	Push Type Terminals
	Output connectors	Push Type Terminals
Standard compliance	Safety agency	CE compliant
Physical specifications	Color	White, Black
Size	Height	270 mm / 10.63 inches
	Width	187 mm / 7.36 inches
	Depth	172 mm / 6.77 inches
Shipping information	Package Height	380 mm / 14.96 inches
	Package Width	260 mm / 10.24 inches
	Package Depth	260 mm / 10.24 inches
	Package Weight	4.65 kg / 10.25 lbs

PART NUMBER• **13100017**

MR 55 W

White

EAN 8024530014292

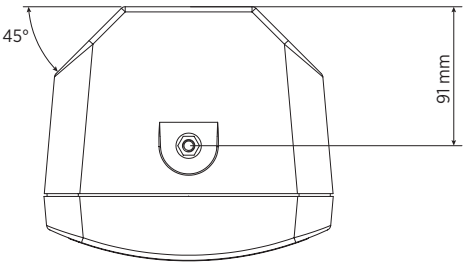
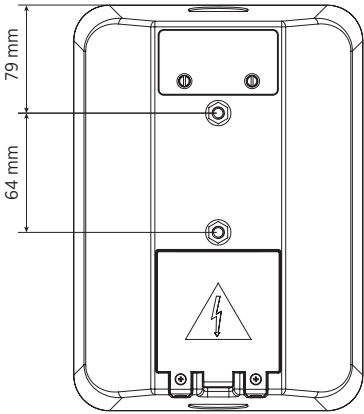
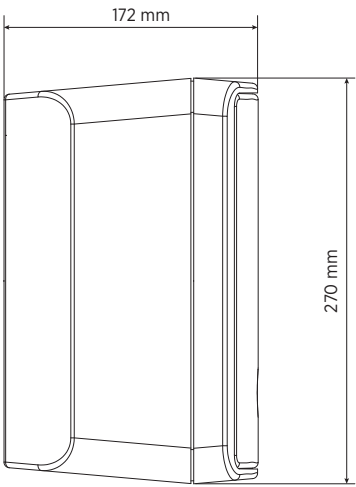
• **13100016**

MR 55

Black

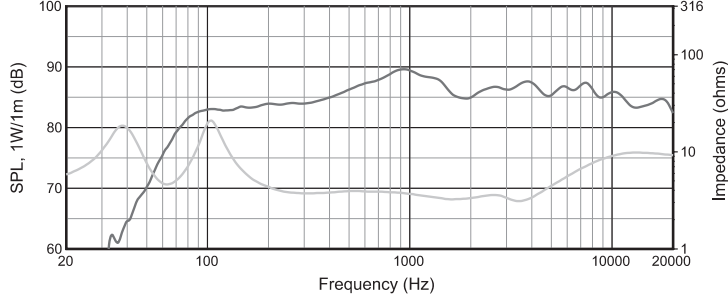
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DRAWINGS

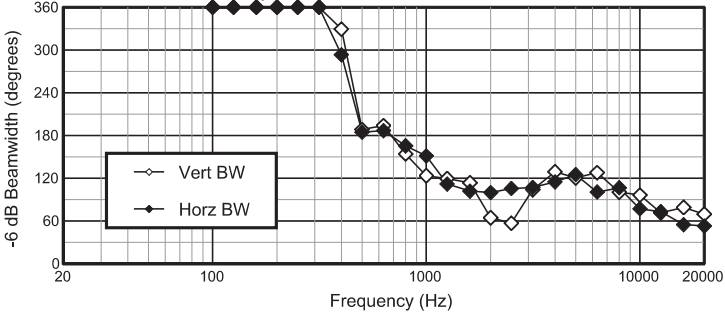




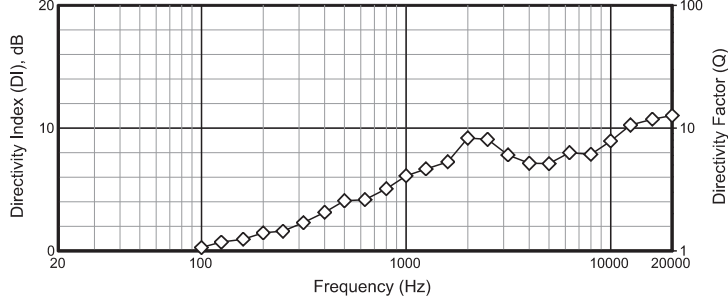
Frequency response is measured on-axis at a distance referenced back to 1m at 1-watt drive. Shown as a half space (2) environment.



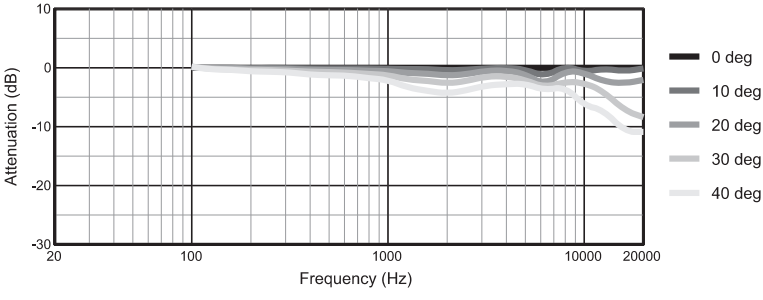
Beamwidth vs. Frequency



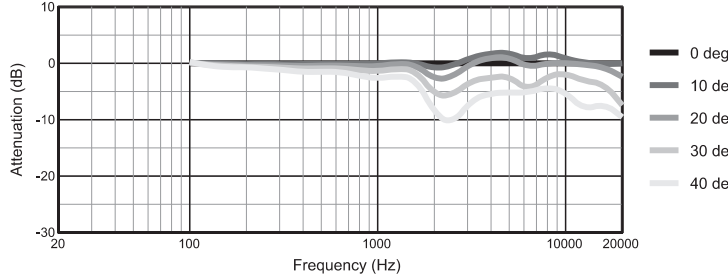
Directivity Index



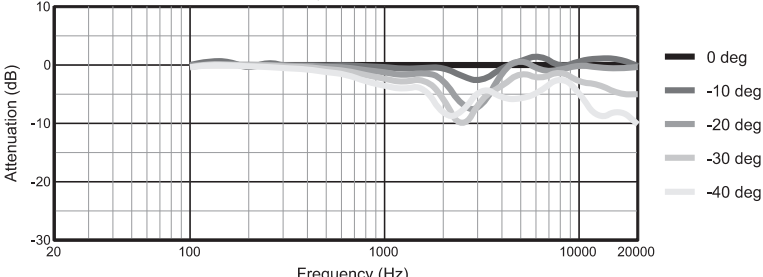
Horizontal Off-Axis Frequency Response



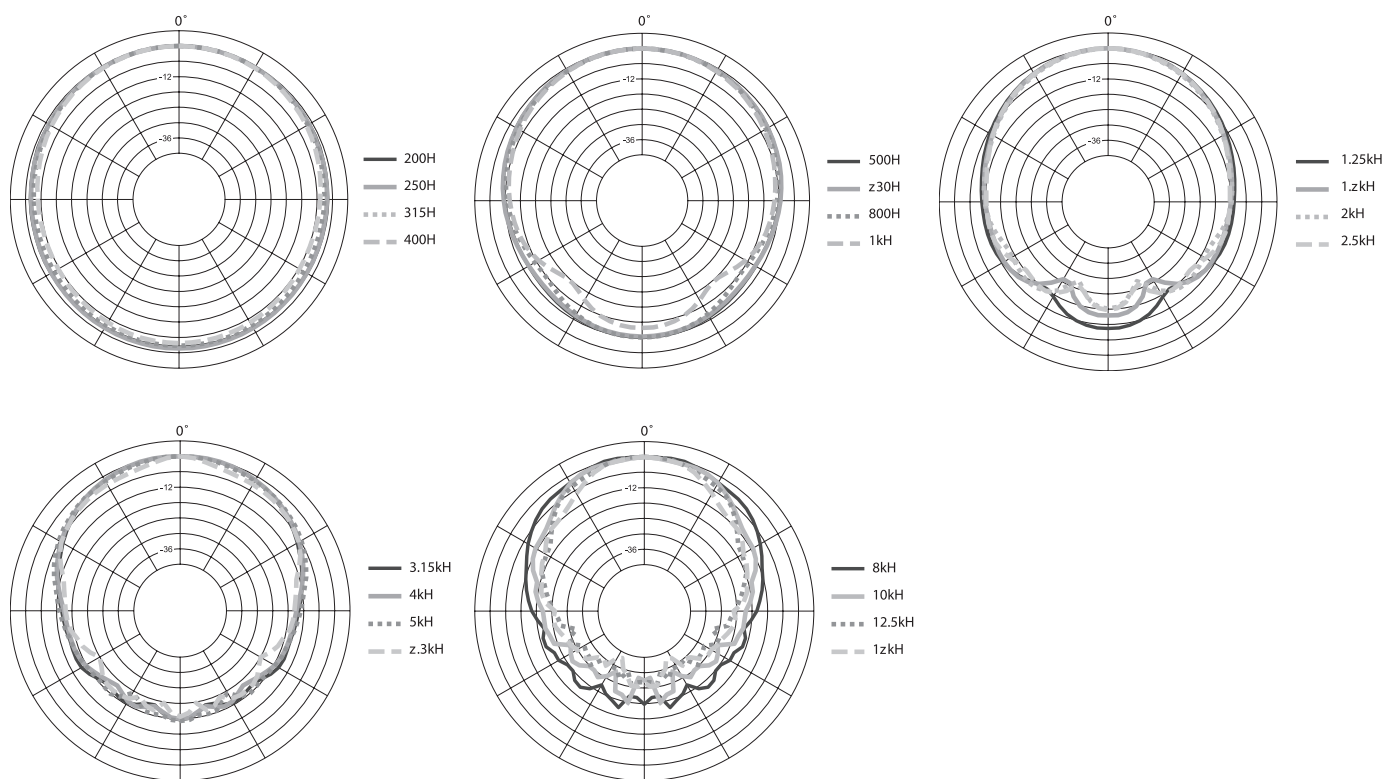
Vertical Off-Axis Frequency Response (UP)



Vertical Off-Axis Frequency Response (DOWN)



Horizontal 1/3 Polar Plot



Vertical 1/3 Polar Plot

