

# 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



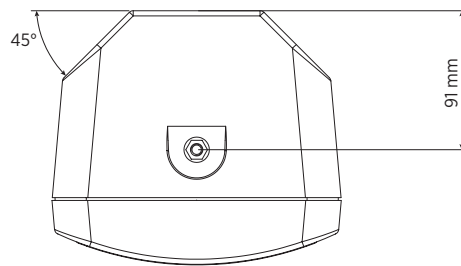
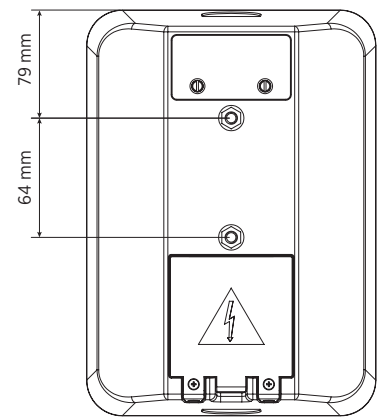
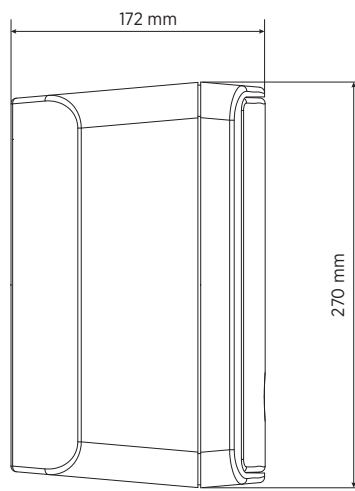
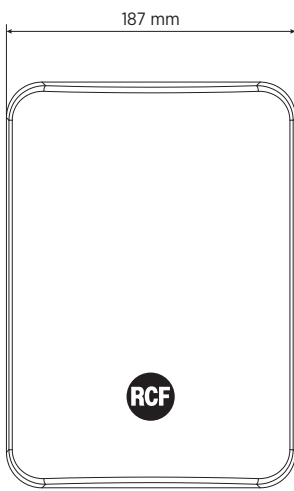
**TECHNICAL SPECIFICATIONS**

<b>Acoustical specifications</b>	Frequency Response (-10dB):	55 Hz ÷ 25000 Hz
	Max SPL @ 1m:	110 dB
	Coverage angle:	110°
	System Sensitivity:	87 dB
<b>Power section</b>	Nominal Impedance:	4 ohm
	Power Handling:	175 W RMS
	Peak Power Handling:	700 W PEAK
	Recommended Amplifier:	350 W
	Crossover Frequencies:	3000 Hz
<b>Transducers</b>	Dome Tweeter:	0.75"
	Woofer:	5.0"
<b>Input/Output section</b>	Input connectors:	Push Type Terminals
	Output connectors:	Push Type Terminals
<b>Physical specifications</b>	Cabinet/Case Material:	Plastic
	Grille:	Steel
	Color:	White, Black
<b>Size</b>	Height:	270 mm / 10.63 inches
	Width:	187 mm / 7.36 inches
	Depth:	172 mm / 6.77 inches
<b>Shipping informations</b>	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**

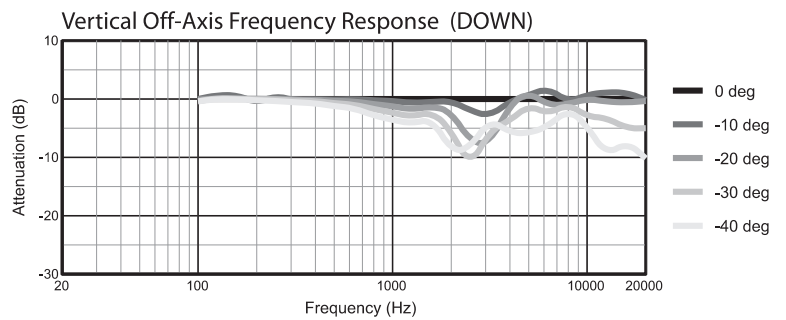
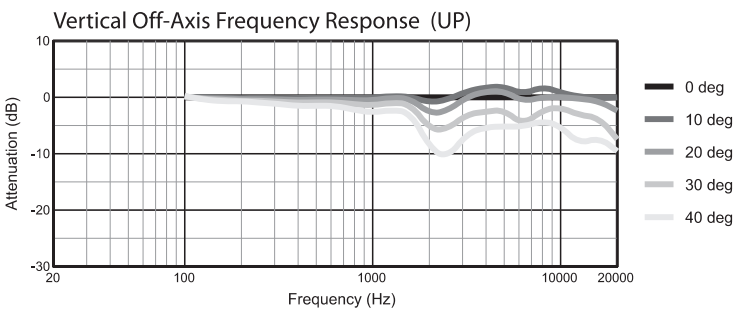
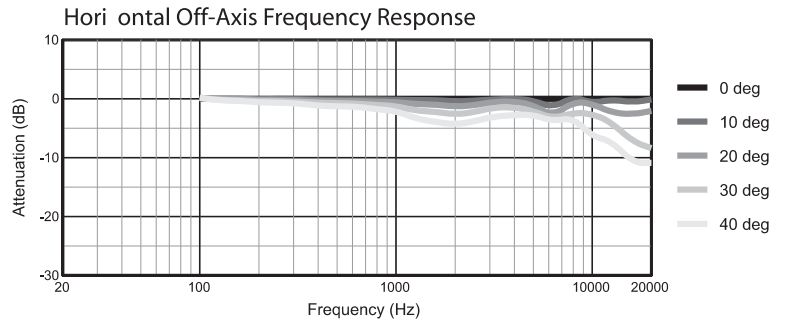
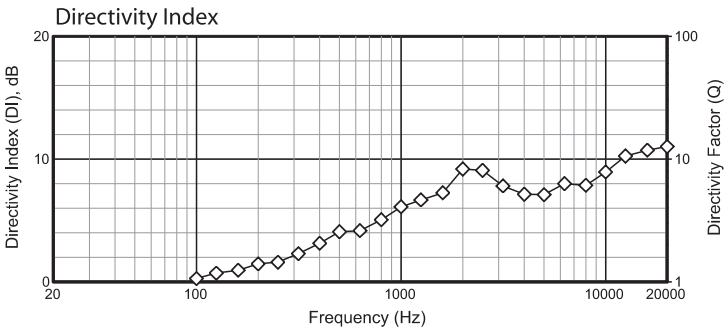
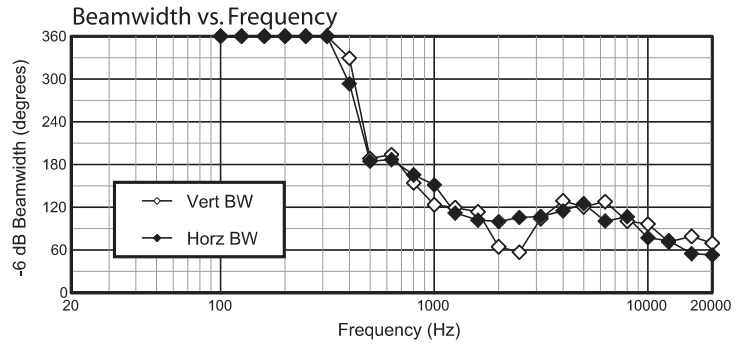
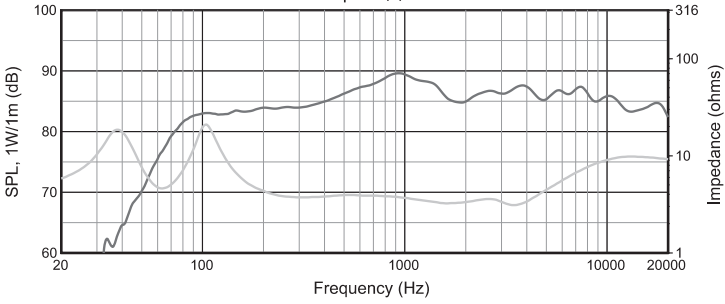
- **13100017**
  - MR 55 W
  - White
  - EAN 8024530014292
- **13100016**
  - MR 55
  - Black
  - EAN 8024530014278

**DRAWINGS**

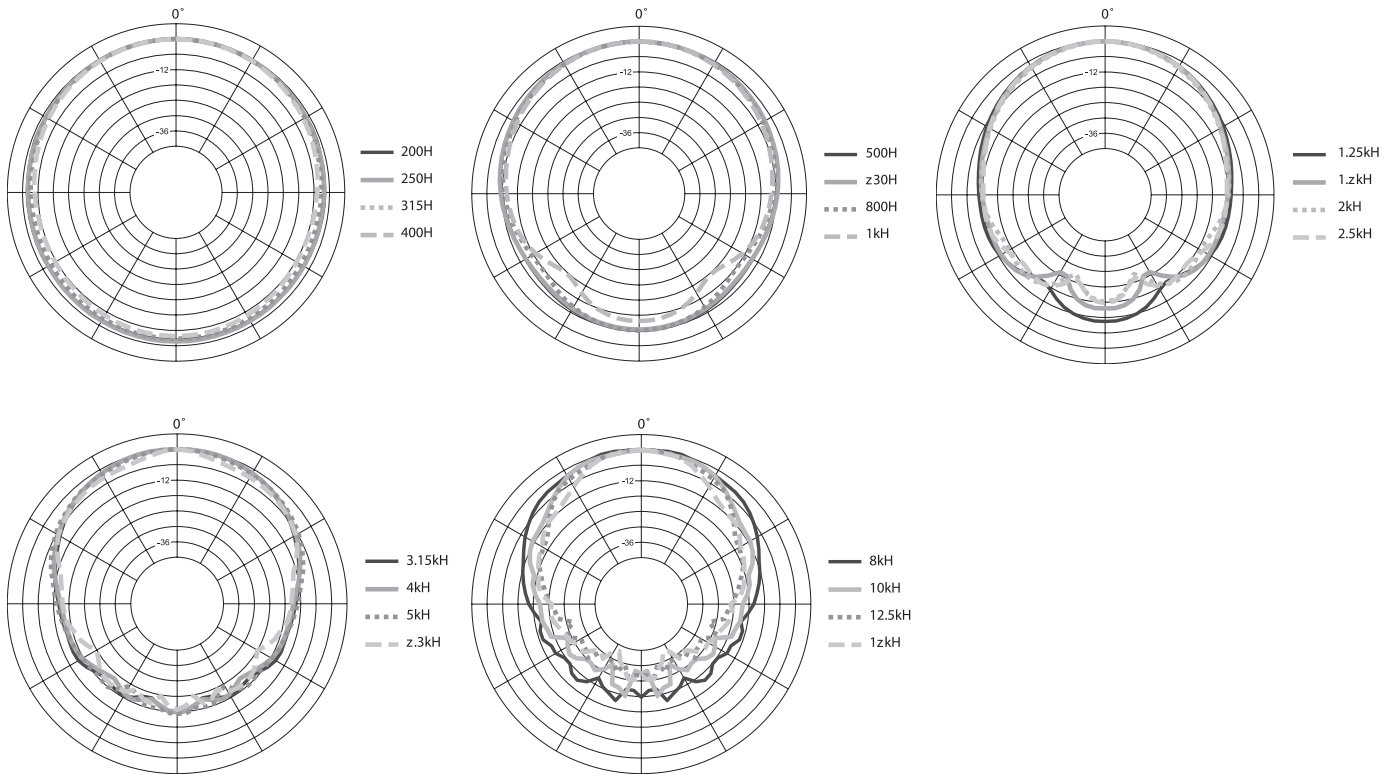




Frequency response is measured on-axis at a distance referenced back to 1m at 1-watt drive. Shown as a half space (2) environment.



Horizontal 1/3 Polar Plot



Vertical 1/3 Polar Plot

