

MQ 50C

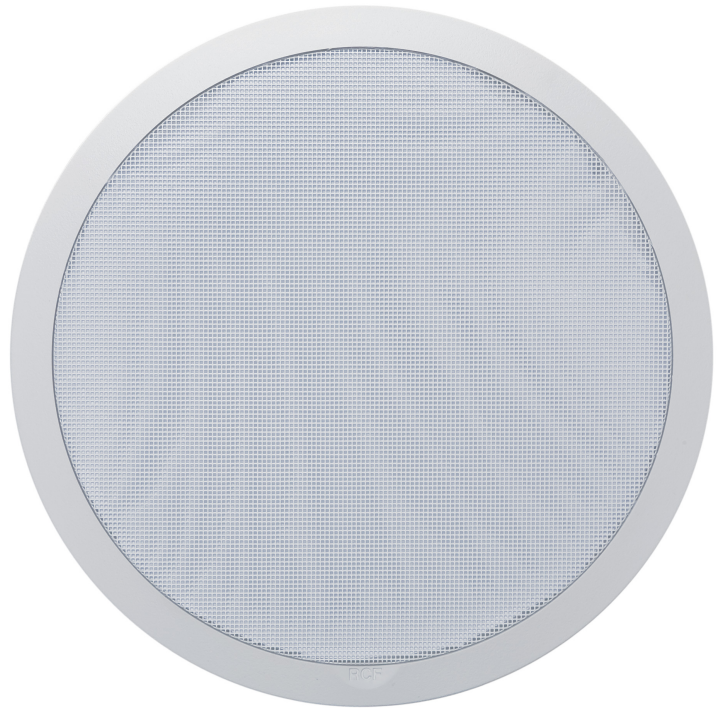
2 WAY CEILING SPEAKER

DESCRIPTION

Compact design, light weight and limited depth makes the RCF MQ50C 2-way ceiling monitor loudspeakers ideal for use in any PA systems and background/foreground music systems where the good sound is required. The woofer is a high-excursion, PP coated paper cone – rubber surround design mounted in a tuned enclosure. The fabric dome tweeter is loaded on a constant Q wave guide to provide natural, smooth sound reproduction on a wide dispersion angle. Installation of the MQ50C is fast and efficient using the built in rotating hooks. No additional brackets or rings or other supports are required: thanks to its lightweight construction the speaker can be mounted as a conventional ceiling speakers. Connections are made to four polar loop thru Euroblock male and female to get parallel IN/OUT connection. Wattage taps and voltage adjustments together with 16-ohm operation are selectable by means of a Rotary switch, accessible under the frontal grill. The enclosure is constructed of high density UV resistant self-extinguishing polystyrene and includes a protective perforated steel grille. Back dome is made of aluminium.

FEATURES

- Two way bass refl ex ceiling speaker for music reproduction
- Speaker: woofer 5" neodymium magnet tweeter 1" dome neodymium magnet
- Power/RMS: 120/60W Bypass
- Impedance: [Bypass] 16 Ω
- [70,7V]: 15W - 10W - 5W - 2.5 W
- Crossover frequencies: 3000 Hz, 12/12 dB/oct - High pass filter at 150 Hz
- Angle of coverage: 120° horizontal x 120° vertical
- Cabinet: Plastic material self-extinguishing, Tuned Alu-dome



TECHNICAL SPECIFICATIONS**Acoustical specifications**

Frequency Response (-10dB):	70 Hz ÷ 20000 Hz
Frequency Response (-3dB):	90 Hz ÷ 18000 Hz
Max SPL @ 1m:	112 dB
Coverage angle:	120°
System Sensitivity:	91 dB

Power section

Nominal Impedance (ohm):	16 ohm
Power Handling:	30 W RMS
Peak Power Handling:	120 W PEAK
Recommended Amplifier:	60 W
Crossover Frequencies:	3000 Hz

Transducers

Dome Tweeter:	1.0"
Woofer:	5.0"

Input/Output section

Input connectors:	Euroblock
Output connectors:	Euroblock
Constant Voltage Transformer:	100 V
Power selection 1 (100 V):	30 W - 333 ohm
Power selection 2 (100 V):	20 W - 500 ohm
Power selection 3 (100 V):	10 W - 1000 ohm
Power selection 4 (100 V):	5 W - 2000 ohm

Standard compliance

CE marking:	Yes
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Physical specifications

Cabinet/Case Material:	Plastic
Grille:	Steel
Color:	White

Size

Depth:	156 mm / 6.14 inches
Diameter:	266 mm / 10.47 inches
Weight:	2.1 kg / 4.63 lbs

Shipping informations

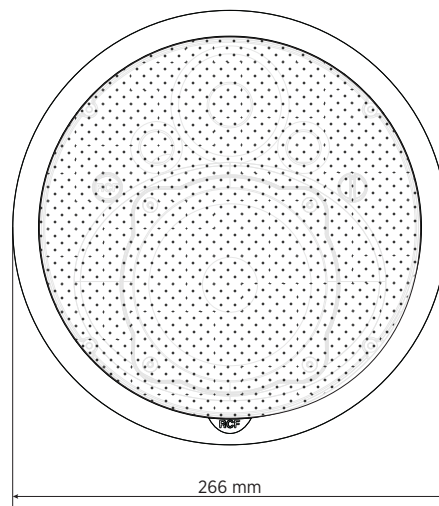
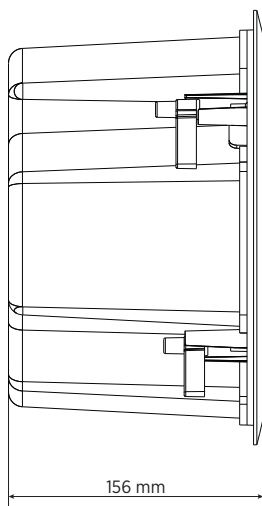
Package Height:	235 mm / 9.25 inches
Package Width:	310 mm / 12.2 inches
Package Depth:	310 mm / 12.2 inches
Package Weight:	2.99 kg / 6.59 lbs

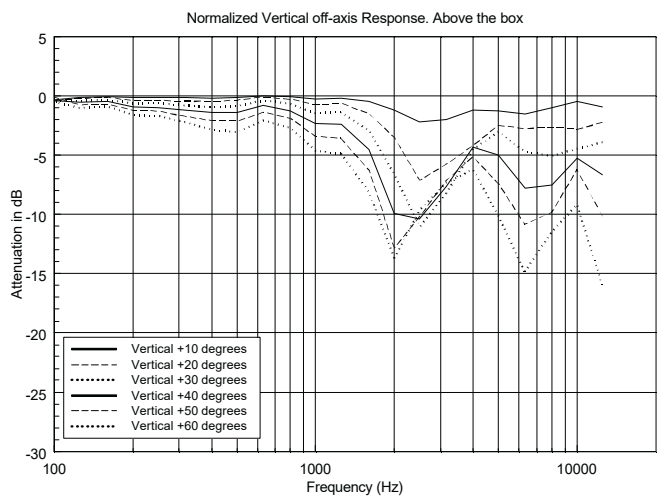
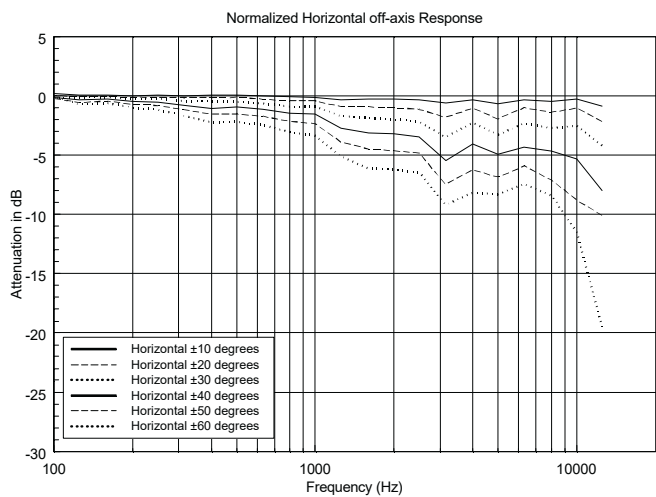
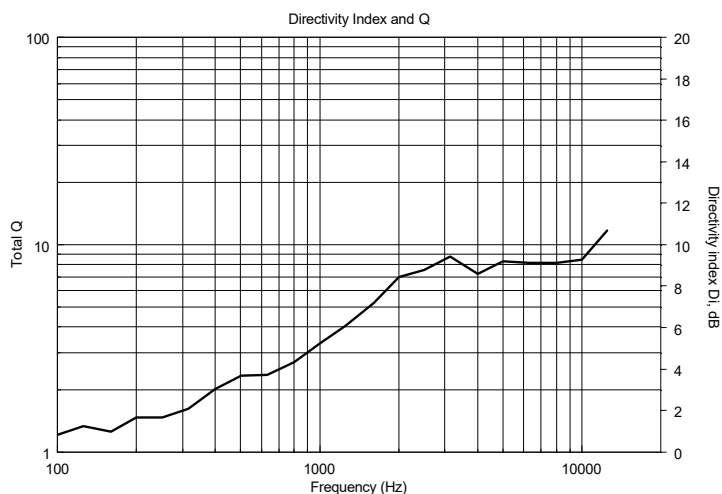
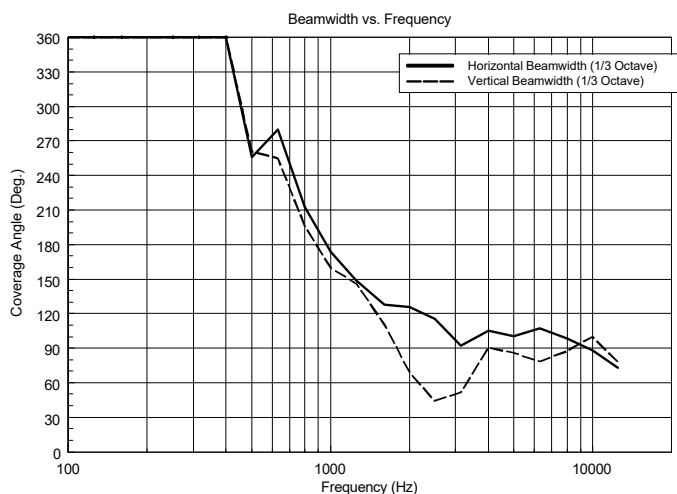
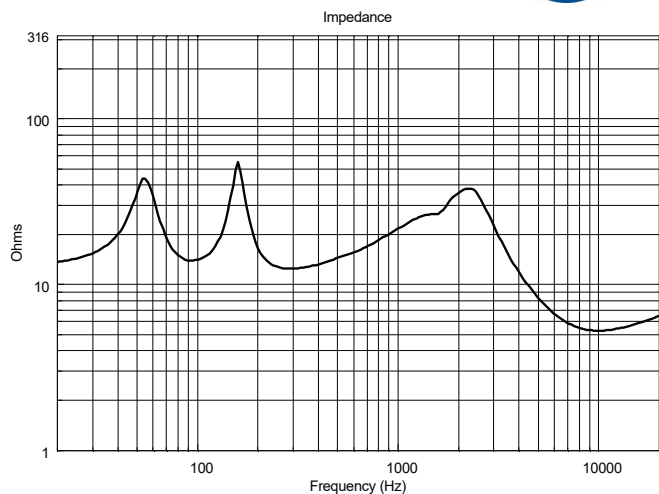
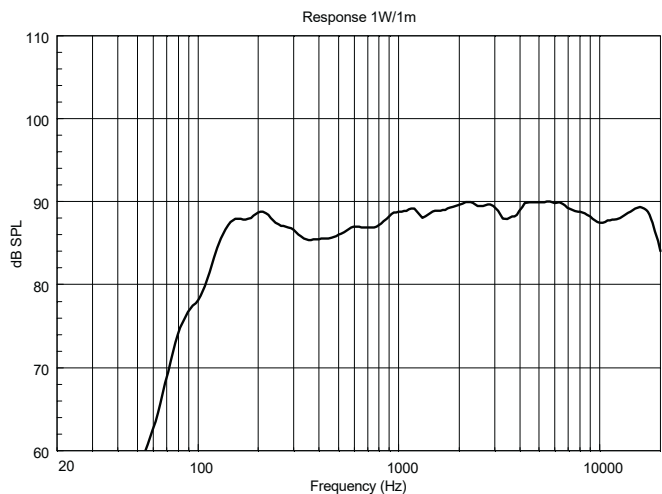
PART NUMBER

- **13000081**

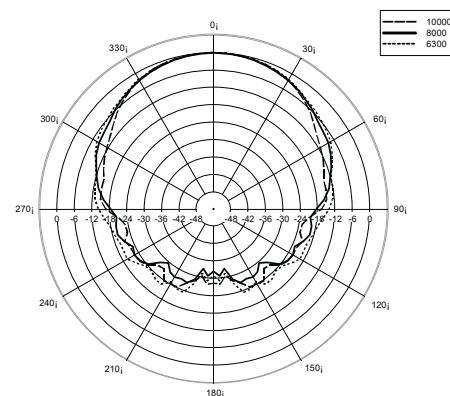
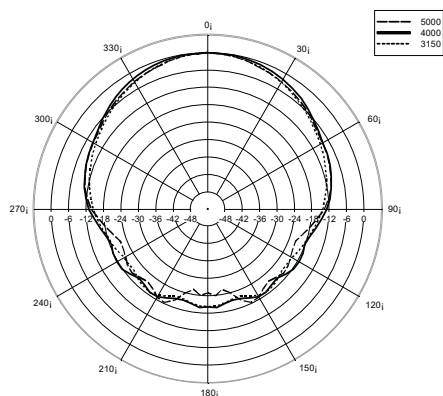
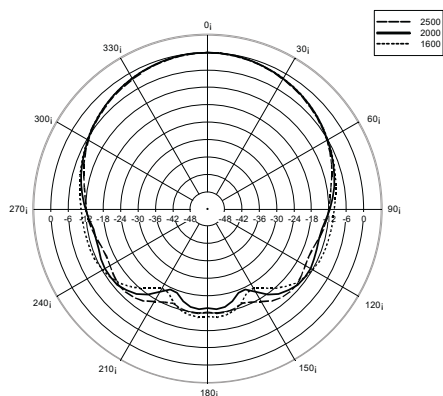
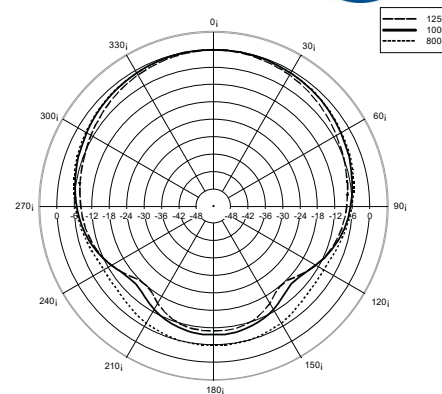
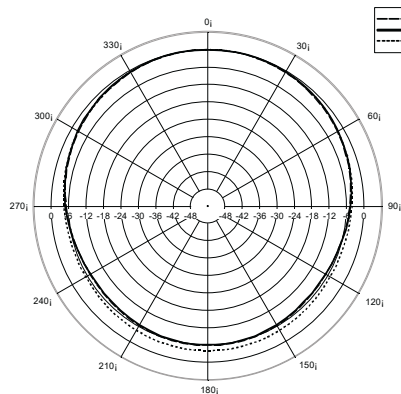
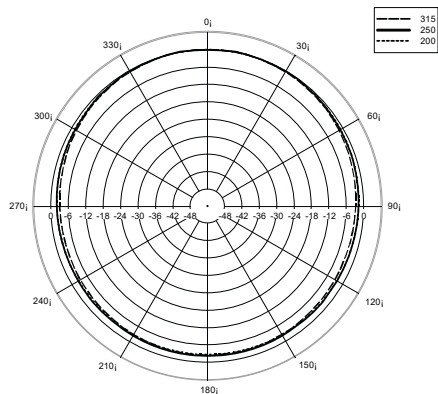
MQ 50C W

EAN 8024530005368

DRAWINGS



Horizontal 1/3 Polar Plot



Vertical 1/3 Polar Plot

