MQ 50i

2 WAY IN WALL SPEAKER

DESCRIPTION

MQ 50i is a 2 way compact loudspeaker for indoor wall flush-mounting installation. Its “bass-reflex” (/ vented) cabinet includes a 5” woofer and a waveguideloaded dome tweeter (to ensure a sound correct dispersion over a wide coverage angle). It includes a transformer inside for the connection to (100 – 70 V) constant voltage lines, yet it can also be set to 16 O (low impedance connection). The power / mode selection is made by means of the front panel rotary switch.

FEATURES

- Speaker: woofer 5" neodymium magnet tweeter 0.75" dome tweeter
- Power: max. 60W (bypass)
- [70,7V]: 15W - 10W - 5W - 2.5 W
- Crossover frequency: 3000 Hz, 12/12 dB/oct
- In-wall speaker system for music reproduction
- Two way bass refl ex construction for fl ush mount
- Speaker: woofer 5" neodymium magnet tweeter 0.75" dome tweeter
- Power: max. 60W (bypass)
- Impedance: [Bypass] 16 O
- [70,7V]: 15W - 10W - 5W - 2.5 W

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB):	180 Hz ÷ 20000 Hz
	Max SPL @ 1m:	108 dB
	Horizontal coverage angle:	120°
	Vertical coverage angle:	100°
	System Sensitivity:	90 dB
Power section	Nominal Impedance:	16 ohm
	Power Handling:	60 W RMS
	Peak Power Handling:	240 W PEAK
	Recommended Amplifier:	120 W
	Crossover Frequencies:	3000 Hz
Transducers	Dome Tweeter:	0.75"
	Woofer:	5.0"
Input/Output section	Input connectors:	Euroblock
	Output connectors:	Euroblock
	Constant Voltage Transformer:	100 V
	Power selection 1:	30 W - 333 ohm
	Power selection 2:	20 W - 500 ohm
	Power selection 3:	10 W - 1000 ohm
	Power selection 4:	5 W - 2000 ohm
Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Plastic
	Hardware:	Rear metallic cover
	Grille:	Steel
	Color:	White
Size	Height:	268 mm / 10.55 inches
	Width:	195 mm / 7.68 inches
	Depth:	88 mm / 3.46 inches
	Weight:	2.21 kg / 4.87 lbs
Shipping informations	Package Height:	165 mm / 6.5 inches
	Package Width:	300 mm / 11.81 inches
	Package Depth:	220 mm / 8.66 inches
	Package Weight:	2.84 kg / 6.26 lbs

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

PART NUMBER

- **13000139**

  MQ 50i W

  EAN 8024530006020

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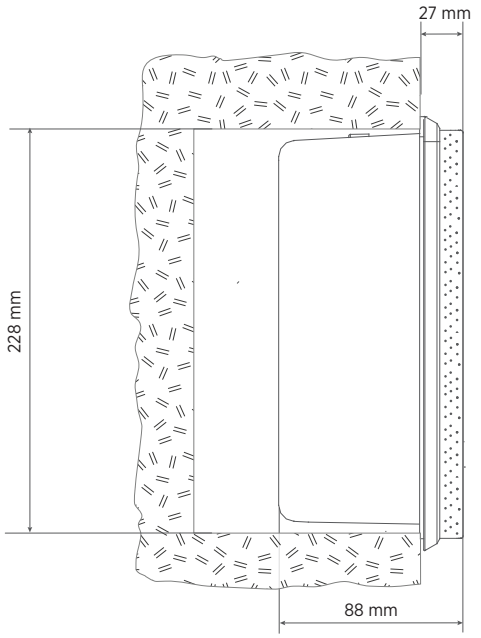
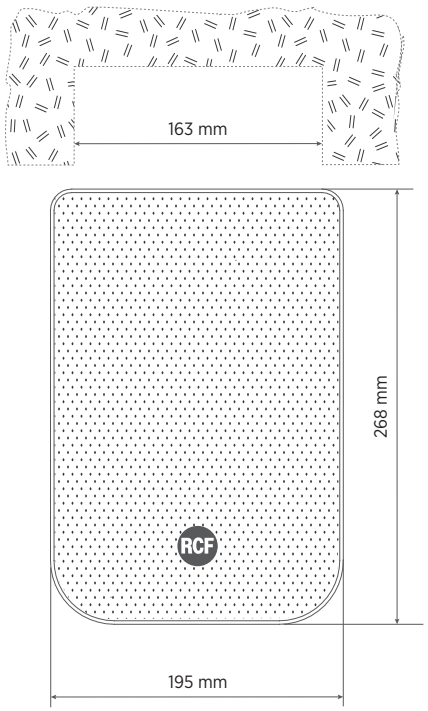
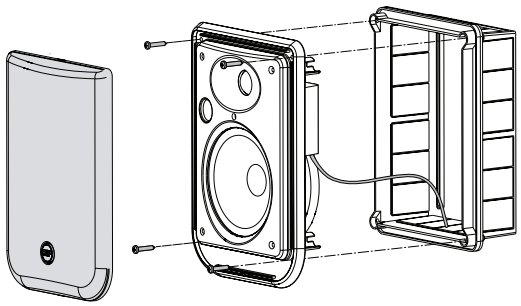
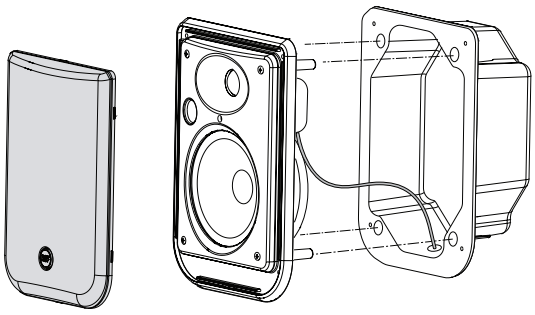
DRAWINGS



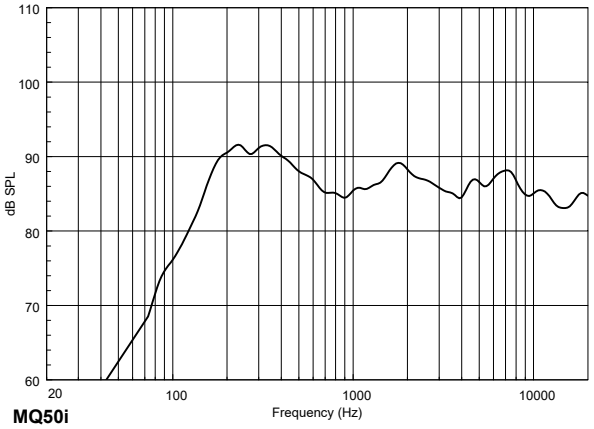


INSTALLATION



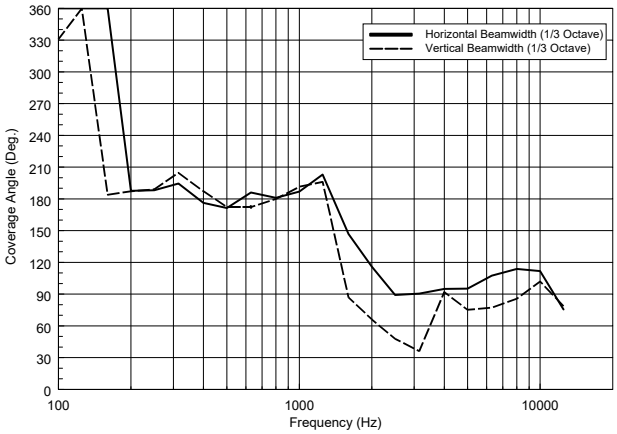


Response 1W/1m

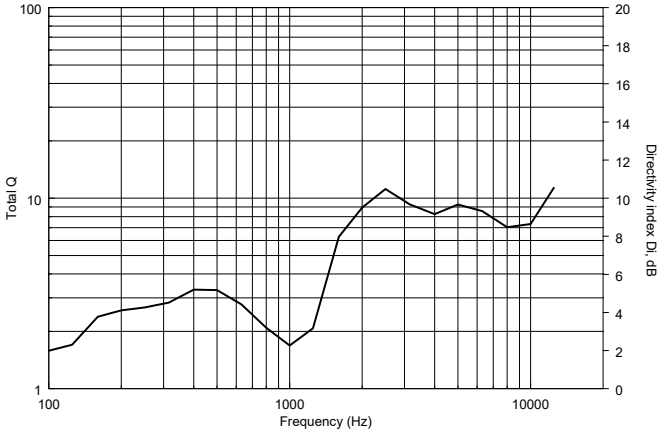


MQ50i

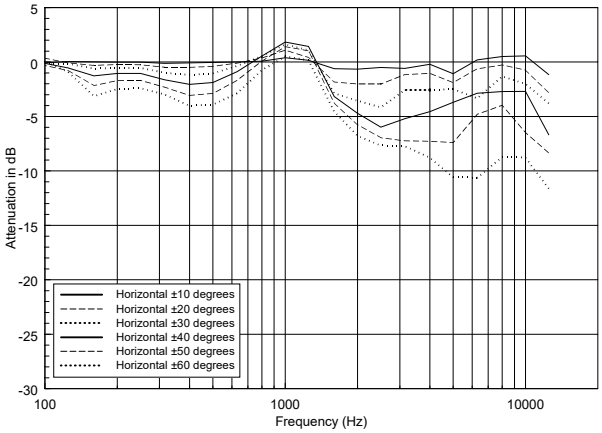
Beamwidth vs. Frequency



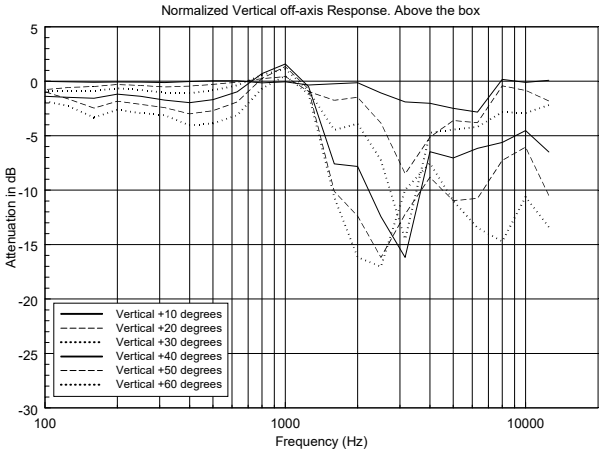
Directivity Index and Q



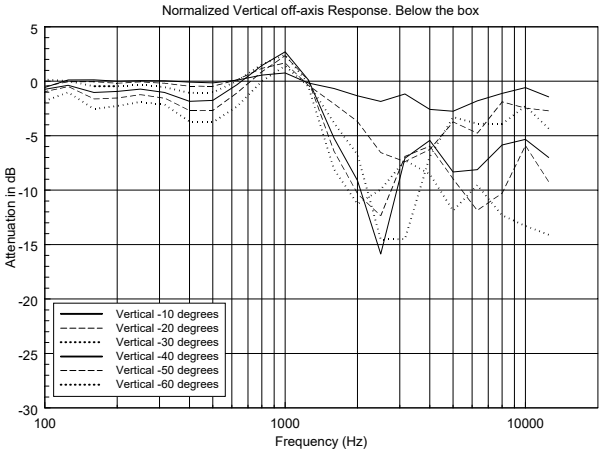
Normalized Horizontal off-axis Response



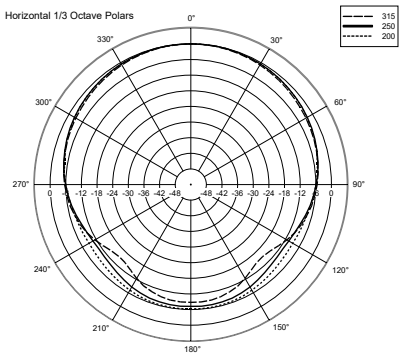
Normalized Vertical off-axis Response. Above the box

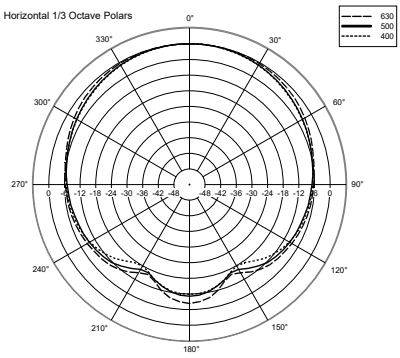


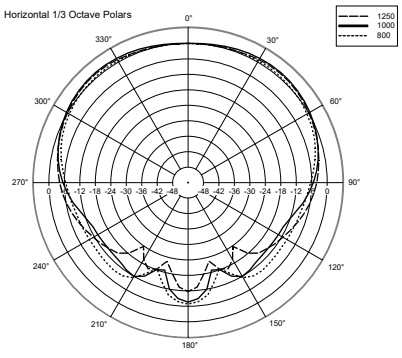
Normalized Vertical off-axis Response. Below the box

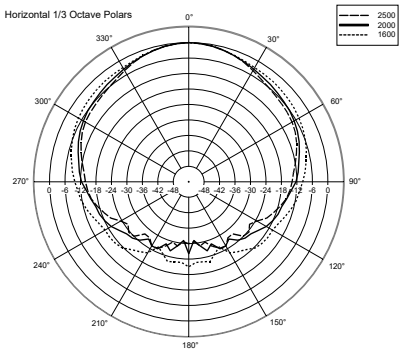


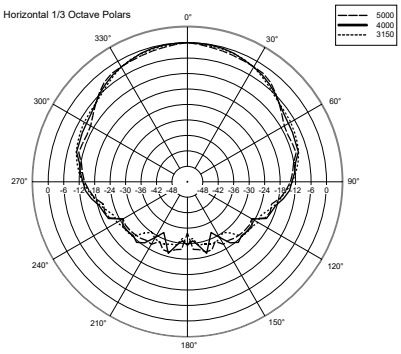
HORIZONTAL 1/3 POLAR PLOT

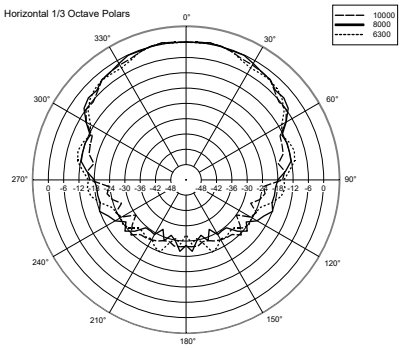
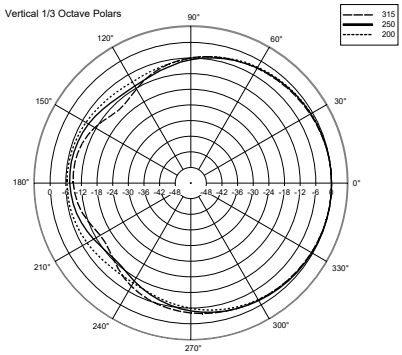
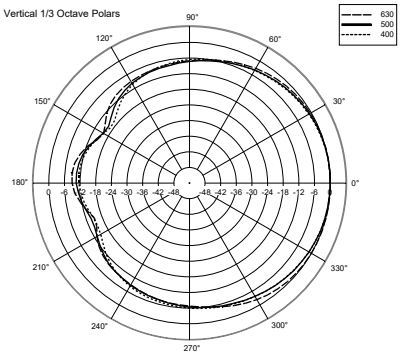
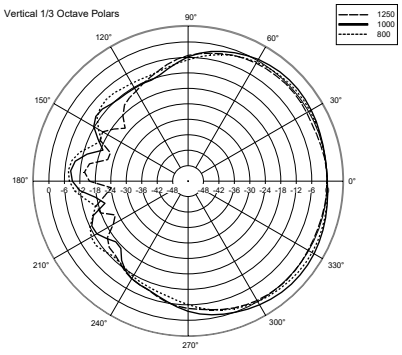
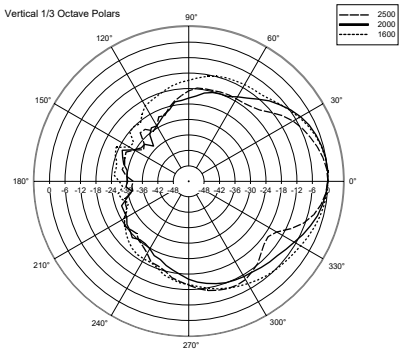
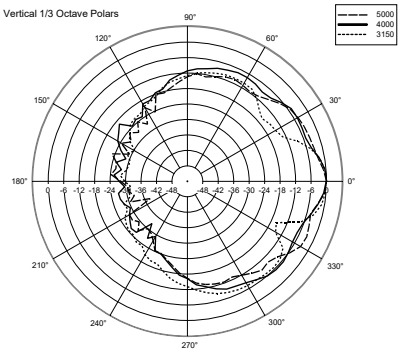
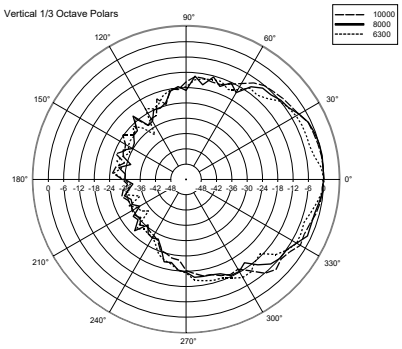












VERTICAL 1/3 POLAR PLOT