

MQ 80P

TWO-WAY INDOOR OUTDOOR SPEAKER

DESCRIPTION

High intelligibility, high efficiency and compact design make the RCF MQ80P 2-way horn-loaded sound projector speaker system the ideal solution to get clear voice and music reproduction in mid-size environment.

Suitable for PA systems and background/foreground music systems. Thanks to its 90° X 60° constant directivity and to simple accessories it can be combined in clusters of 2 or more pieces to get wide and smooth coverage and to reduce the installation points. It is suitable for both indoor and outdoor installations (IP 55). The woofer is a high-excursion, PP coated paper cone – rubber surround design mounted in a tuned enclosure (port can be sealed for full outdoor installation).

The tweeter is a horn-loaded compression driver with phase plug, the only way to get real and crispy intelligible voice reproduction even in wide and noisy environments. Installation of the MQ80P is quick thanks to the unique bracket with several fixing points and aiming facilities. Connections are made by a multi-pole cable. Wattage taps and voltage adjustments together with 8-ohm operation are selectable by means of a Rotary switch,



FEATURES

- 5" woofer with 1" compression driver
- Power selectable (100 V): 30 W – 10 W – 10 W – 5 W
- 94 dB sensitivity
- Colour white RAL 9016 and black RAL 7021
- Plastic body, steel grille
- Protection grade IP 55

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	100 Hz ÷ 20000 Hz
	Max SPL @ 1m	114 dB
	Horizontal coverage angle	90°
	Vertical coverage angle	60°
	System Sensitivity	94 dB
Power section	Amplification	Full Range
	Nominal Impedance	8 ohm
	Power Handling	60 W
	Peak Power Handling	240 W PEAK
	Crossover Frequencies	3000 Hz
	Recommended Amplifiers	DMA 504, DMA 162, DMA 82, DMA 162P, ES 2160, ES 3080, AM 2320, AM 2160, AM 2080, AM 1125, UP 8504, UP 8502, UP 8501, UP 2321, UP 2162
Transducers	Compression Driver	1 x 1.0"
	Woofer	5.0"
Input/Output section	Input connectors	Cable
	Output connectors	Cable
	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	IP protection grade	IP 55
	Safety agency	CE compliant
Physical specifications	Hardware	Wall mount bracket
	Color	White - RAL 9016, Black - RAL 7021
Size	Height	223 mm / 8.78 inches
	Width	191 mm / 7.52 inches
	Depth	236 mm / 9.29 inches
	Weight	3.65 kg / 8.05 lbs
Shipping information	Package Height	285 mm / 11.22 inches
	Package Width	305 mm / 12.01 inches
	Package Depth	250 mm / 9.84 inches
	Package Weight	4.36 kg / 9.61 lbs

PART NUMBER

- **13000096**

MQ 80P W

White - RAL 9016

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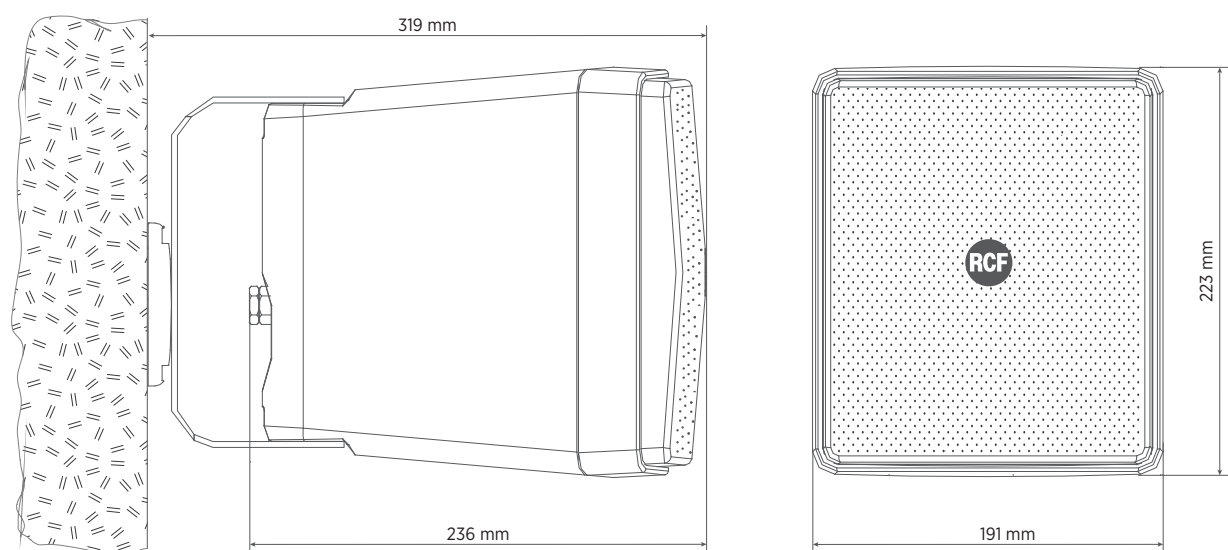
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MQ 80P B

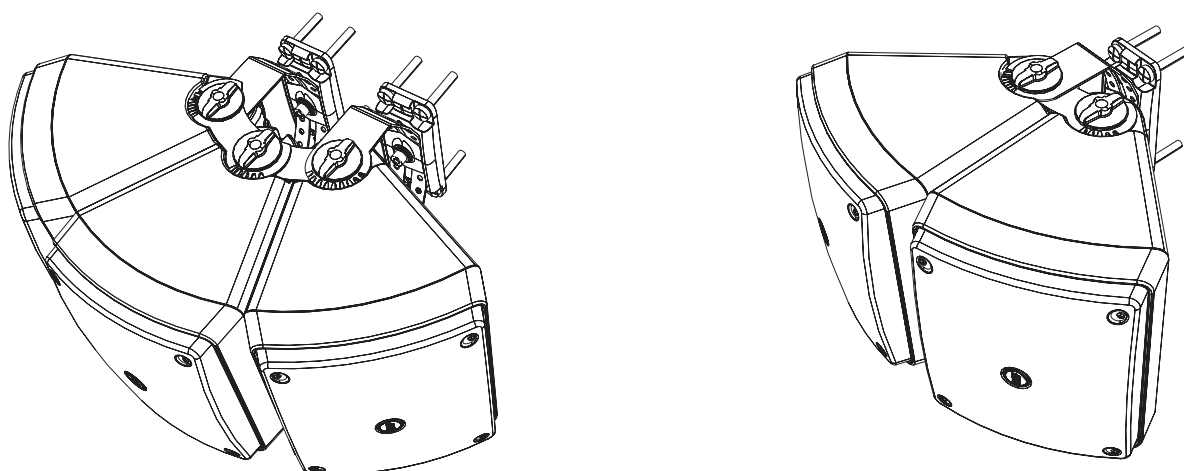
Black - RAL 7021

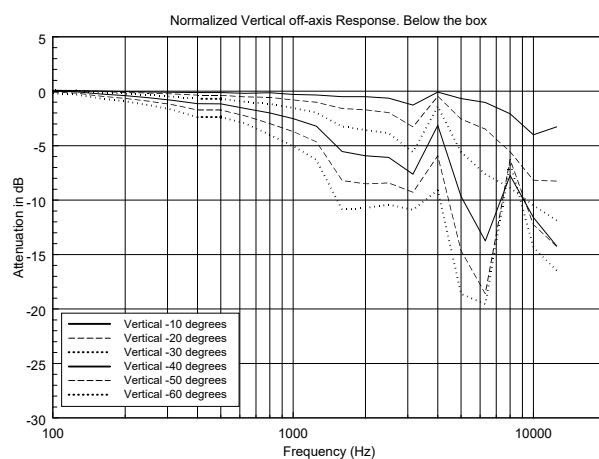
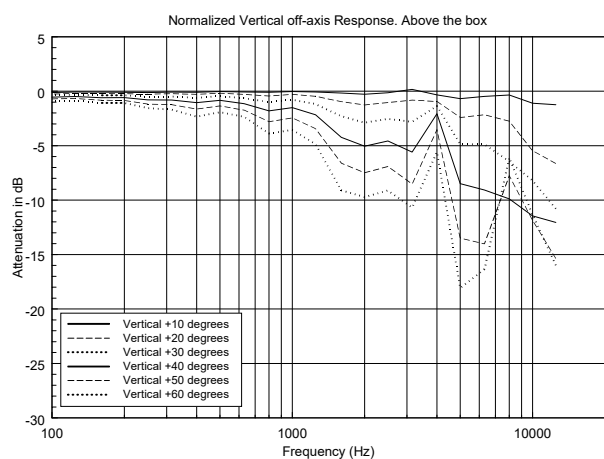
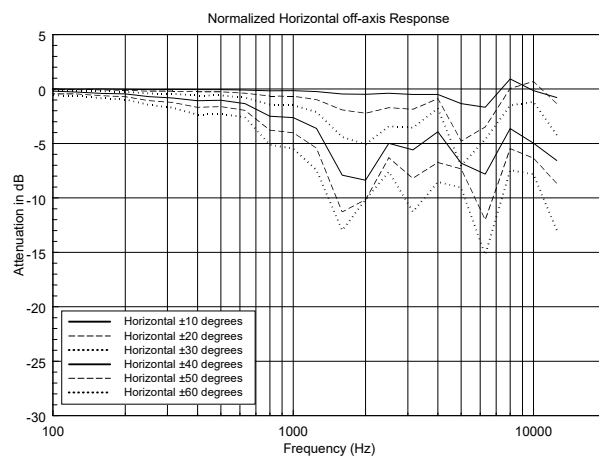
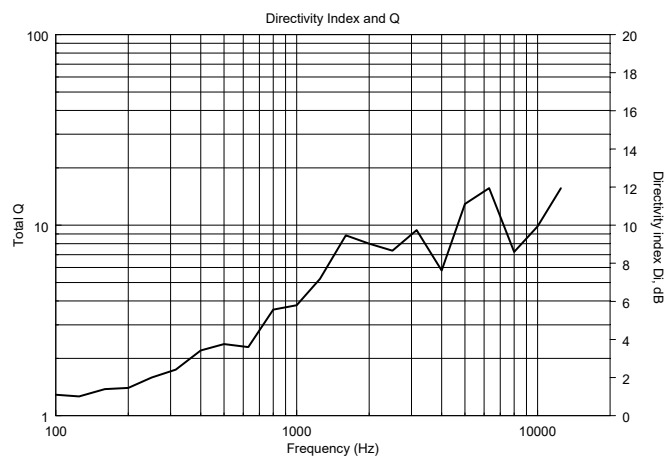
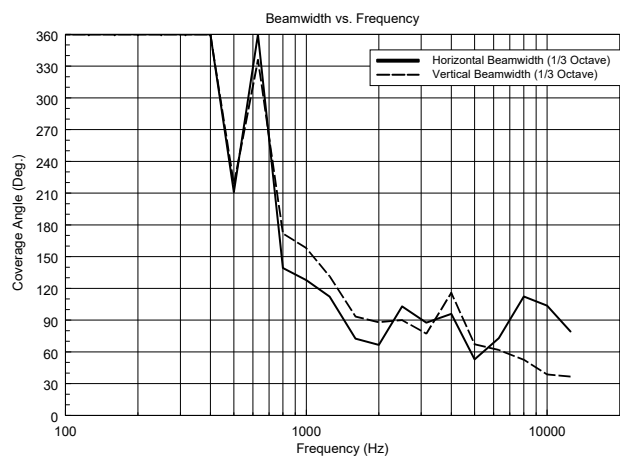
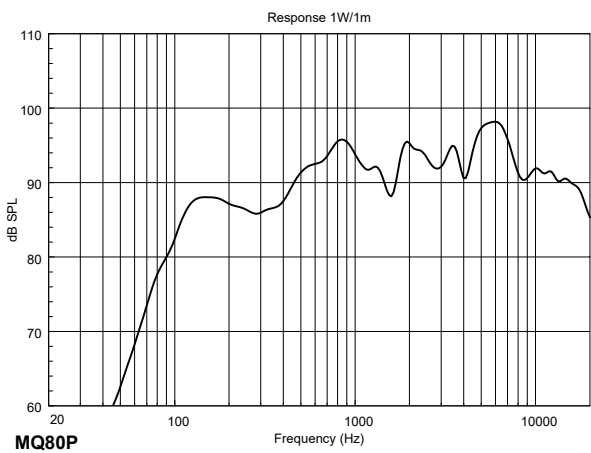
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DRAWINGS

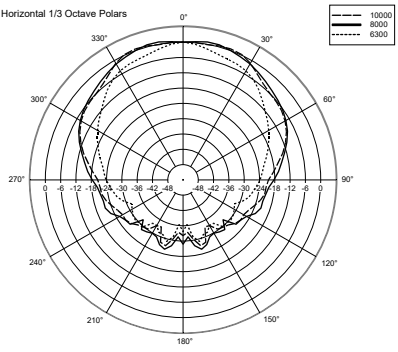
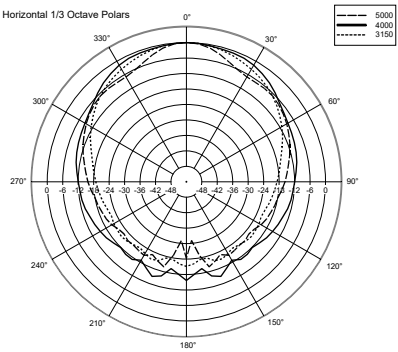
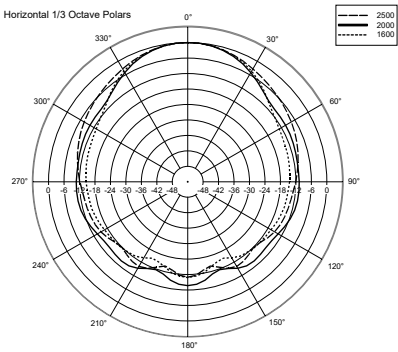
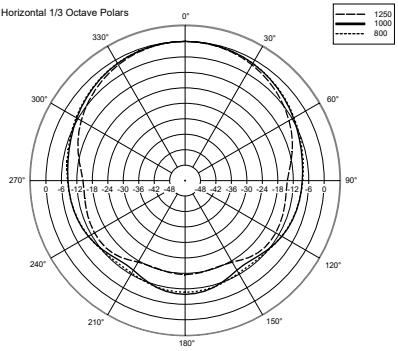
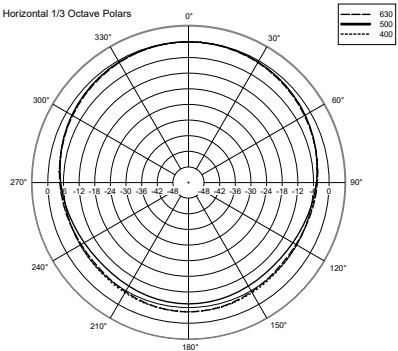
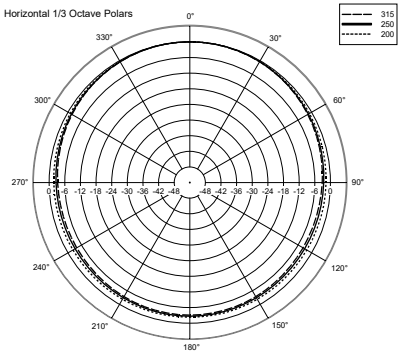


INSTALLATION

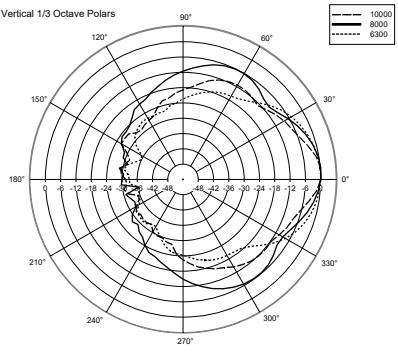
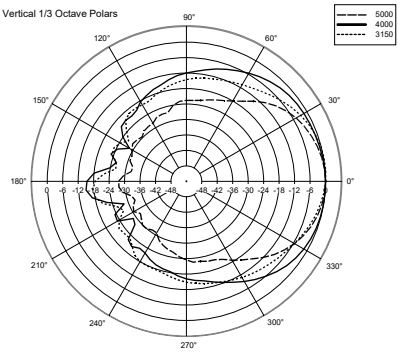
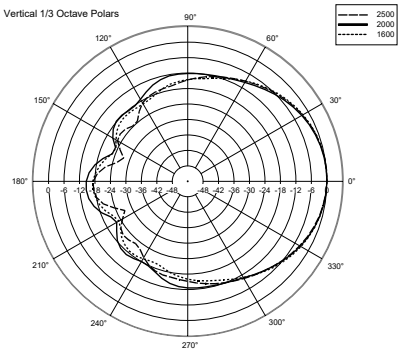
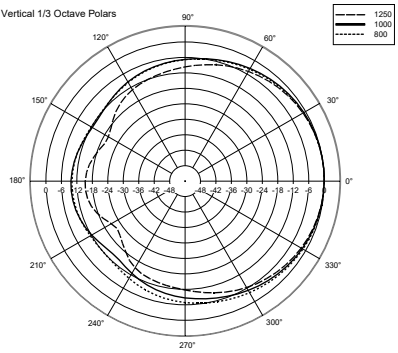
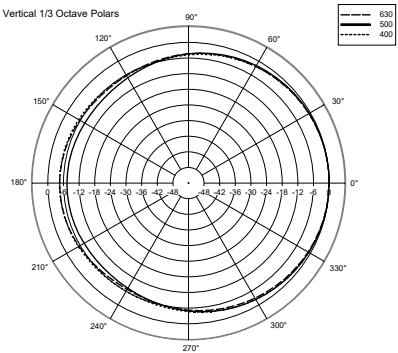
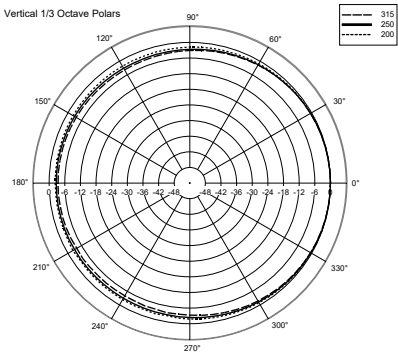




HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



A&E SPECIFICATIONS

The product shall be a two way horn-loaded speaker system. Its high quality, high efficiency and compact design make it the ideal solution to get clear voice and music reproduction in mid-size environments.

It shall be suitable for both paging and background music.

Thanks to its 90°x 60° directivity, it can be combined into clusters of two or three pieces to get wide and smooth coverage and to reduce the installation points.

It shall be suitable for both indoor and outdoor installations (protection grade: IP 55).

Its woofer shall be a high-excursion, epoxy coated paper cone- rubber surround design mounted in a tuned enclosure. Its tweeter shall be a horn-loaded compression driver with phase plug.

Its installation is quick thanks to the unique bracket with several fixing points and aiming facilities.

It shall include an internal transformer for connection to a 100 V constant voltage line.

Power selection shall be made by means of a rotary switch accessible under a sealed cover.

The enclosure shall be constructed of high density UV resistant polystyrene with a stainless steel grill.