

MQ 80P

2 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

- Speaker: woofer 5" horn-loaded, 1" horn-loaded compression driver with phase-plug loaded on CD horn
- Power/RMS: 120/60 W Bypass
- Impedance: [Bypass] 8 Ω
- [70,7V]: 15W - 10W - 5W - 2,5W
- Tuning frequency: 100 Hz
- Crossover frequency: 3000 Hz Crossover: Notch/6 dB/oct
- Cabinet: self-extinguishing high-density polystyrene, UV stabilized
- IP 55, suitable for outdoor use
- Suitable for cluster installation (2x, 3x) for a wide and uniform coverage

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

Nominal Impedance (ohm):	8 ohm
Power Handling:	60 W RMS
Peak Power Handling:	240 W PEAK
Recommended Amplifier:	120 W
Crossover Frequencies:	3000 Hz

Transducers

Compression Driver:	1.0"
Woofer:	5.0"

Input/Output section

Input connectors:	Cable
Output connectors:	Cable
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

IP protection grade:	IP 55
CE marking:	Yes

Physical specifications

Cabinet/Case Material:	Plastic
Hardware:	Wall mount bracket
Grille:	Steel
Color:	White

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 informations

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

EAN 8024530005795

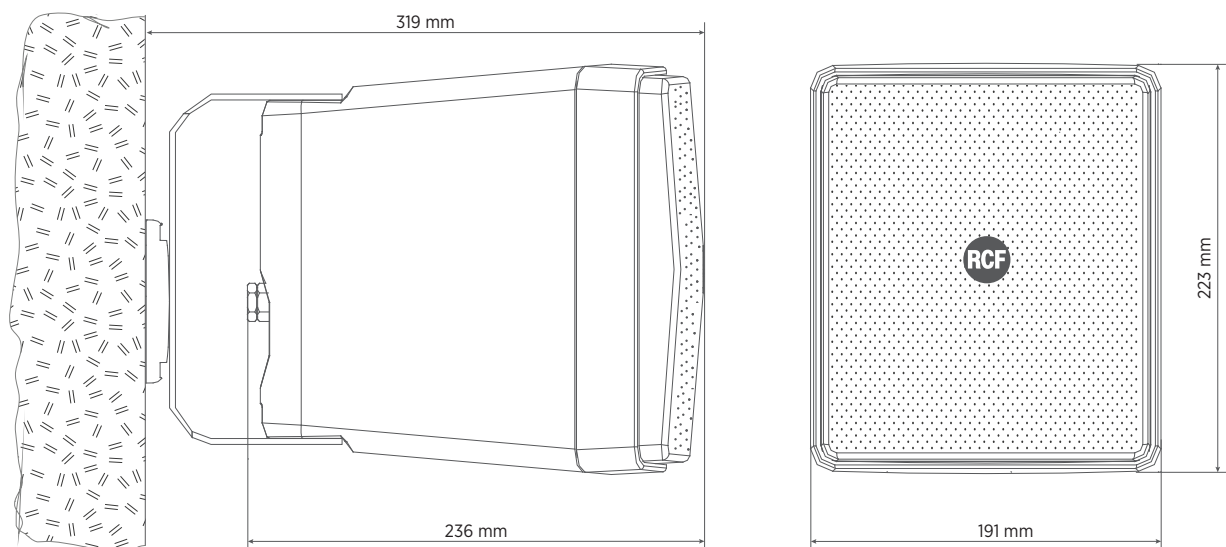
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MQ 80P B

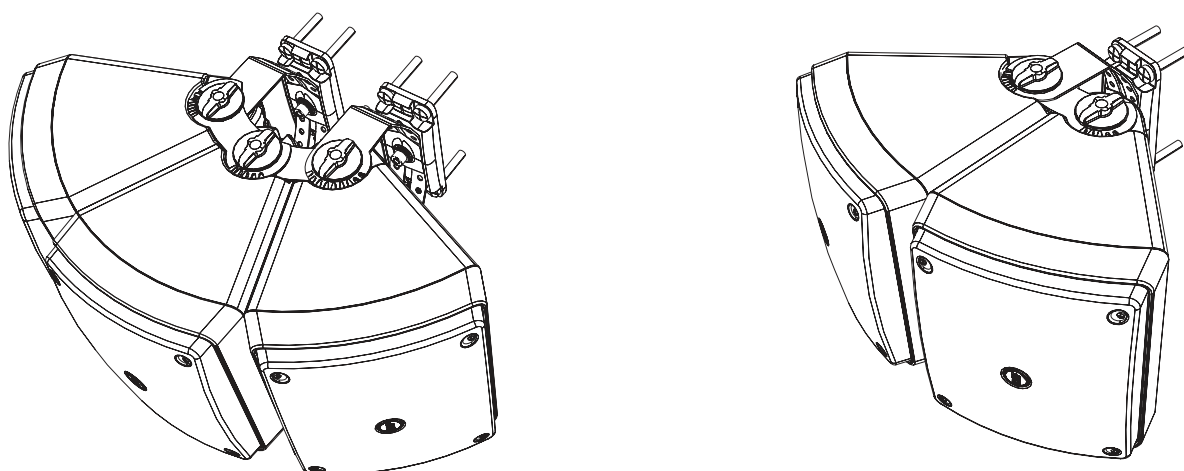
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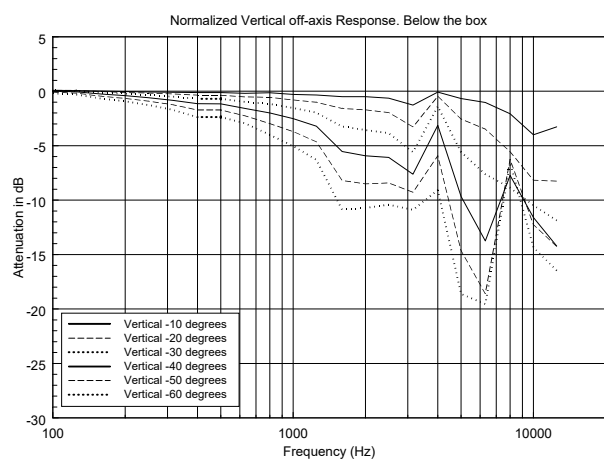
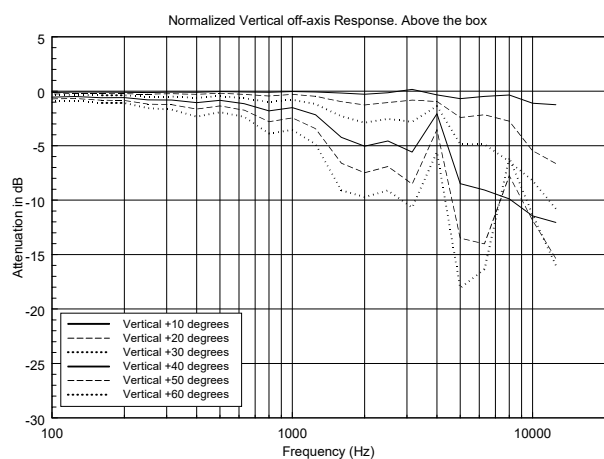
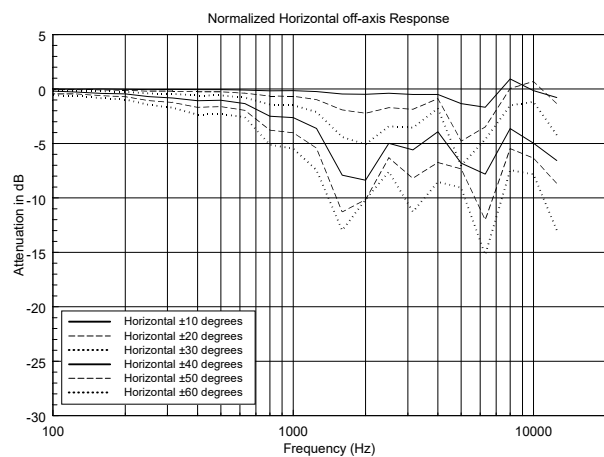
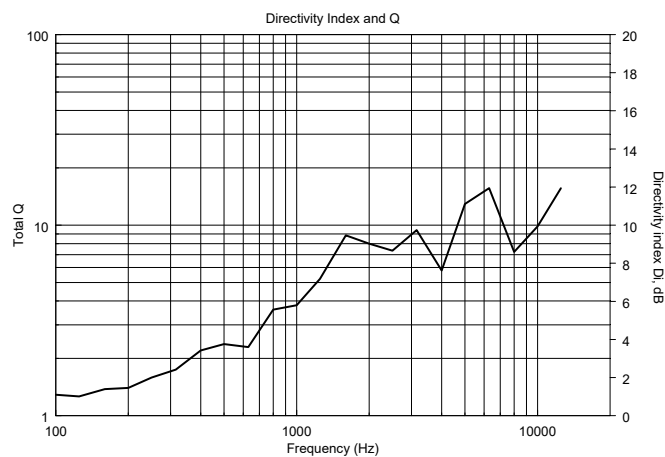
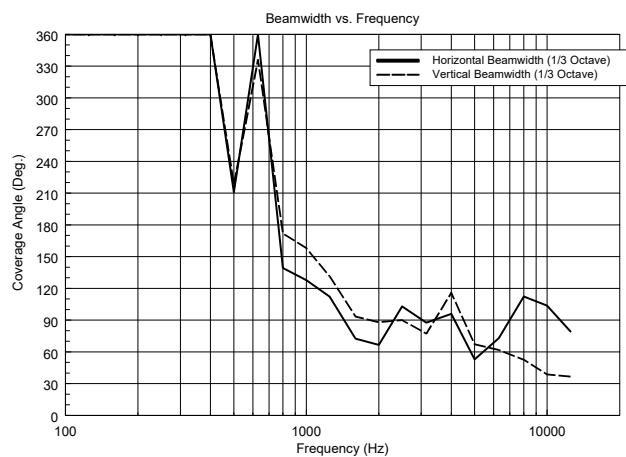
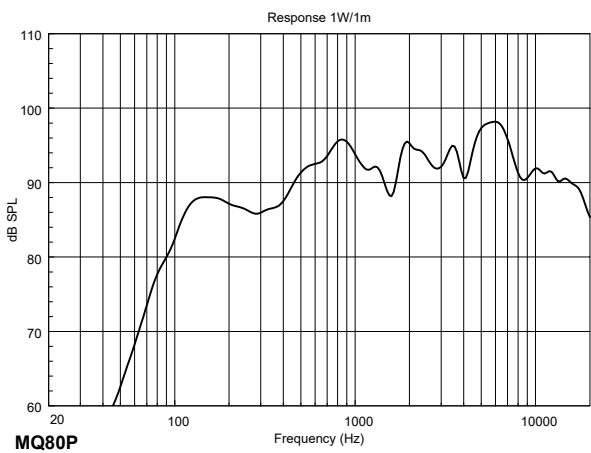
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DRAWINGS

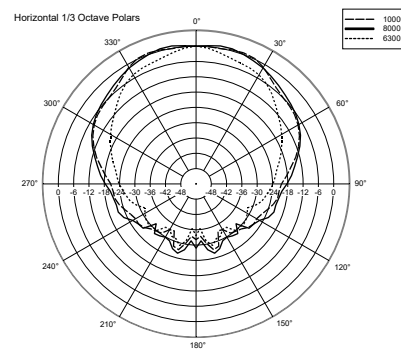
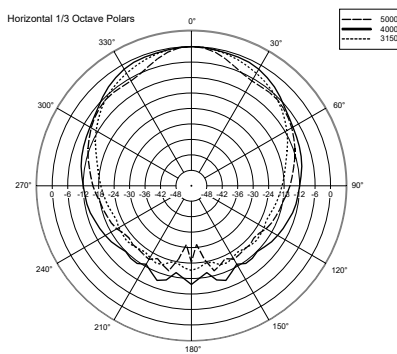
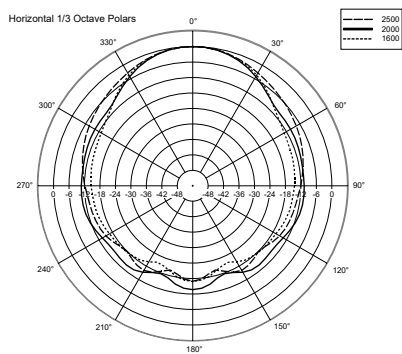
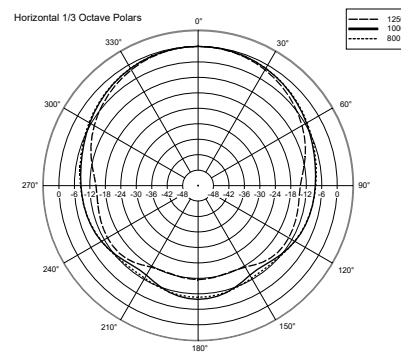
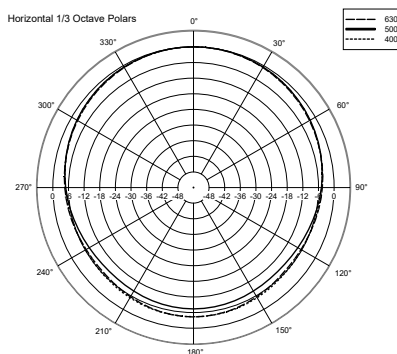
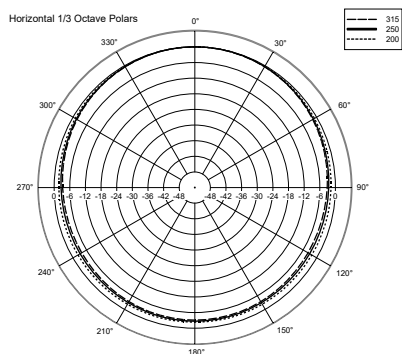


INSTALLATION





HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT

