

MQ 80P

2 WAY INDOOR OUTDOOR SPEAKER



MAIN APPLICATIONS

- Music applications
- Audio visual applications
- Shopping malls
- Restaurants
- Pubs
- Hotels
- Office building

DESCRIPTION

MQ 80P is a 2-way horn-loaded sound projector speaker system with an high intelligibility, high efficiency and compact design. 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.

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.

This loudspeaker has inside a transformer that allows the connection to a 100 V constant voltage line; a low impedance input (8 Ohm) is available as well.

MQ 80P is available in white (MQ 80P-W) or silver (MQ 80P-S) colour

MAIN FEATURES

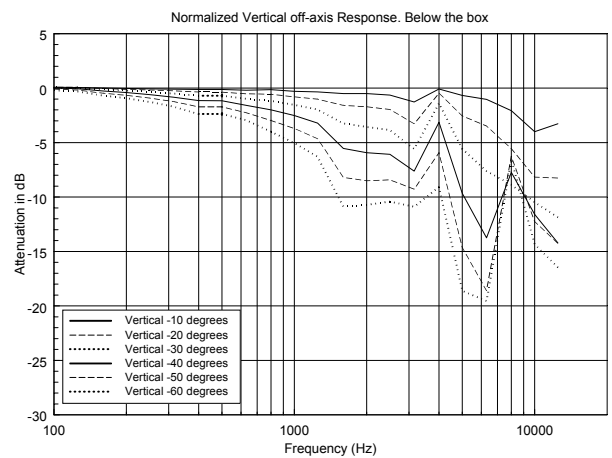
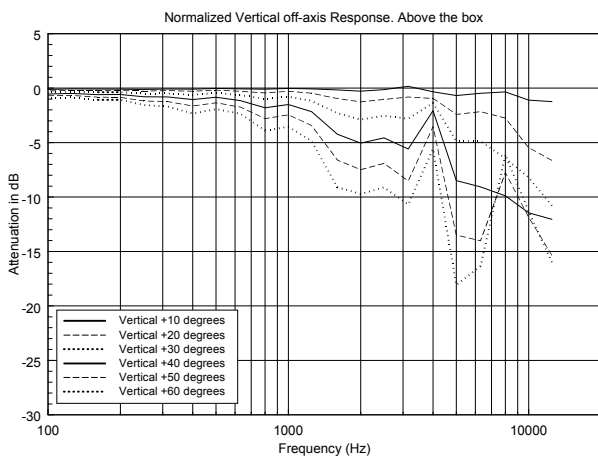
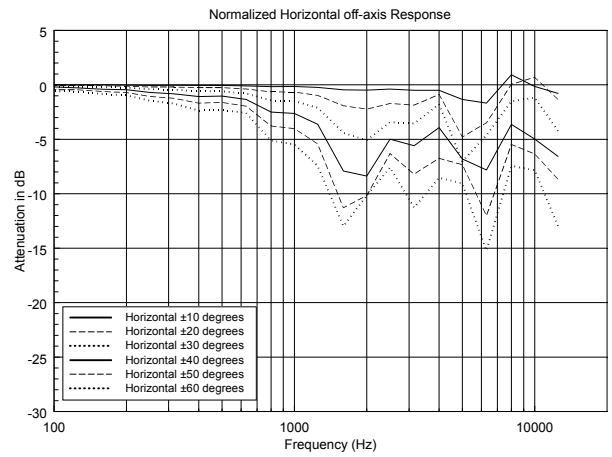
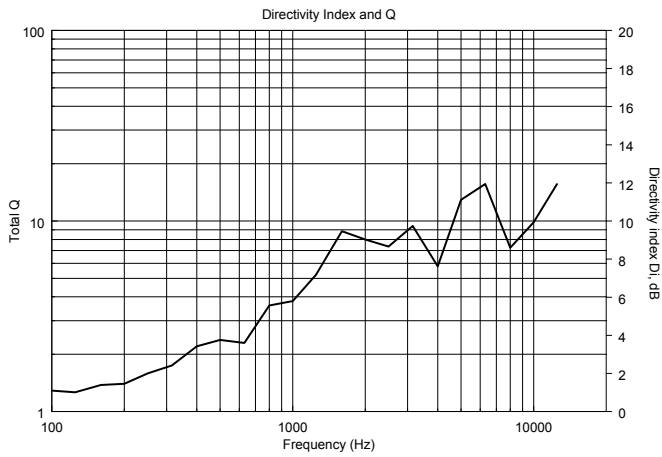
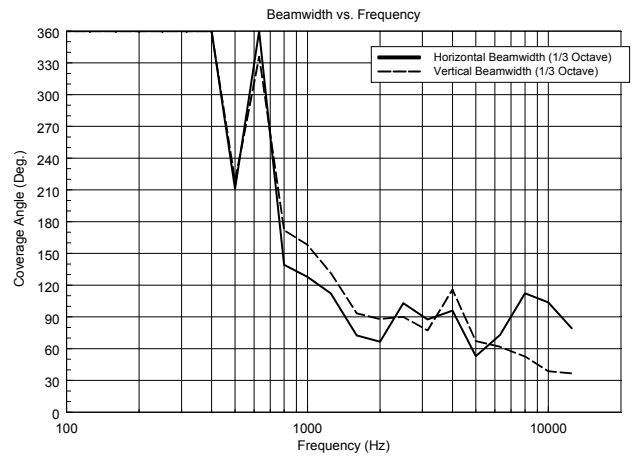
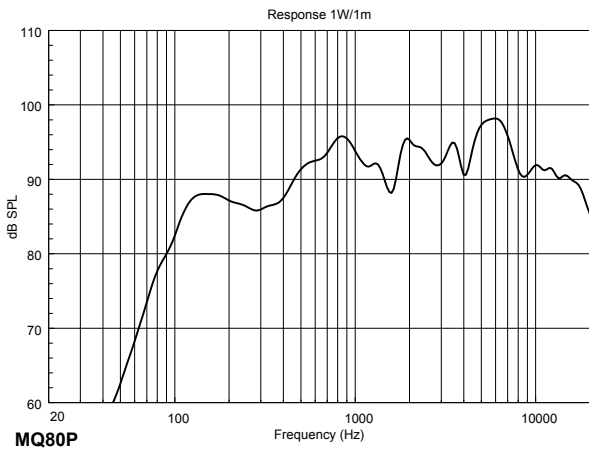
- Woofer 5" horn-loaded
- 1" horn-loaded compression driver
- 60 / 120 Watt (RMS/Music Power)
- 100 Hz ÷ 20 kHz
- 114 dB (1 m / POWER MAX) max. SPL
- Incl. 100V transformer multitap
- Power rotary switch
- Crossover frequency: 3000 Hz Crossover: Notch/6 dB/oct
- Direct connection to Low-Z speaker lines
- Easy to install
- Simple power settings

SPECIFICATIONS

Loudspeaker	Woofer 5" horn-loaded, 1" horn-loaded tweeter
Power (on 8 Ohm load)	60 / 120 W (RMS / Music power)
Power	30 W - 20 W - 10 W - 5 W (100V)
Sensitivity	94 dB (1 W / 1 m)
Mx. SPL (6 W / 1 m)	114 dB(A) (1 m / POWER MAX)
Frequency Response	110 Hz – 20 kHz
Angle of coverage	120° / 70° / 90° @ 1 / 2 / 4 kHz
Connector	2 conductor cable
Body colour	Black / White / Silver
Main body material	Auto-extinguishing high-density polystyrene
Grill material	Steel
Dimensiones (HxWxD)	223 mm x 191 mm x 236 mm
Installation	Aluminium U bracket
Max ceiling thickness	83 mm
Net weight	3 kg
Operating temperature	-25° to +55°
Relative humidity	90% non condensing

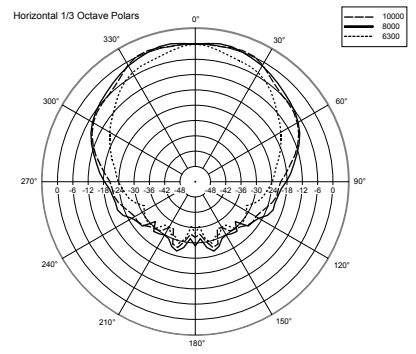
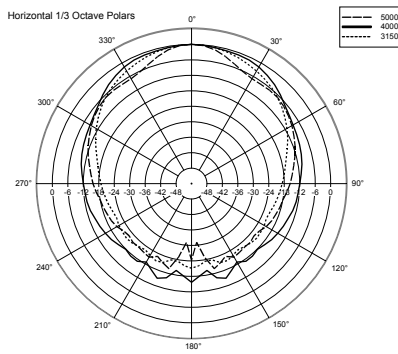
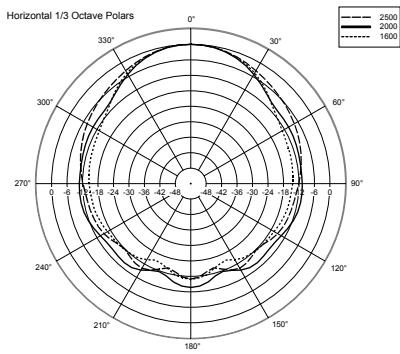
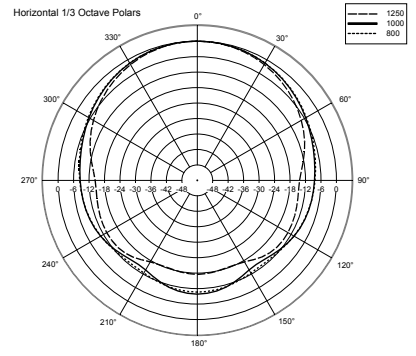
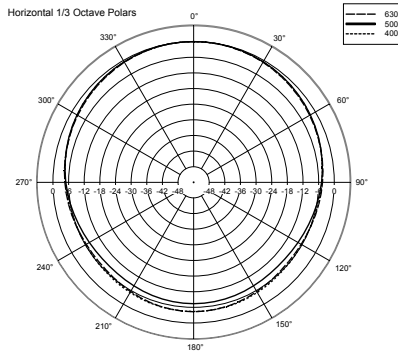
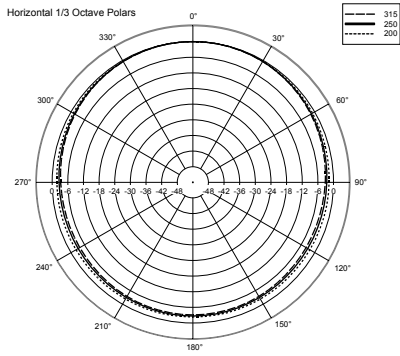


MQ 80P

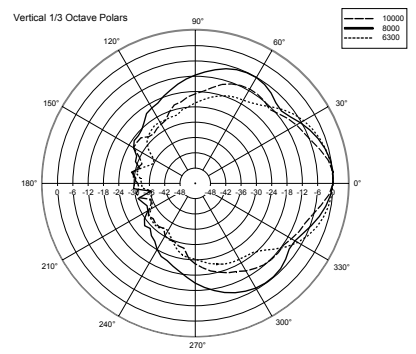
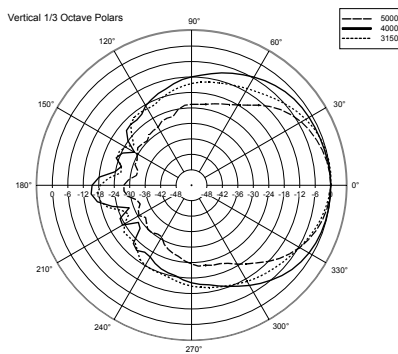
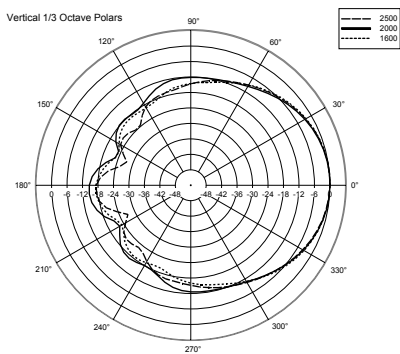
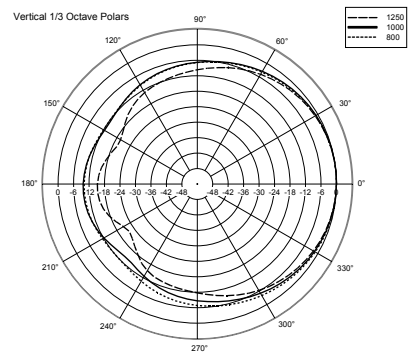
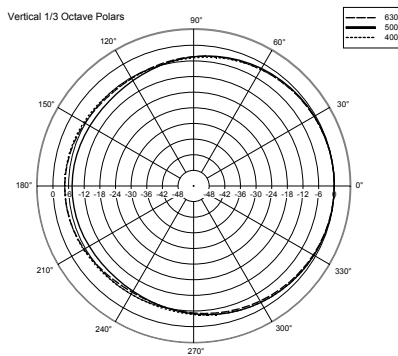
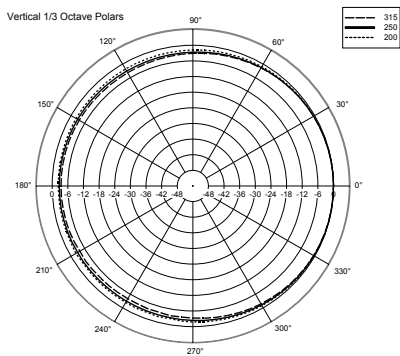


MQ 80P

HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT

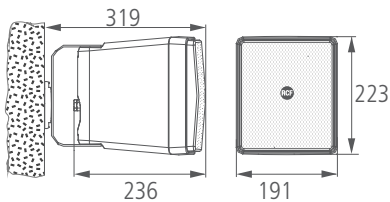


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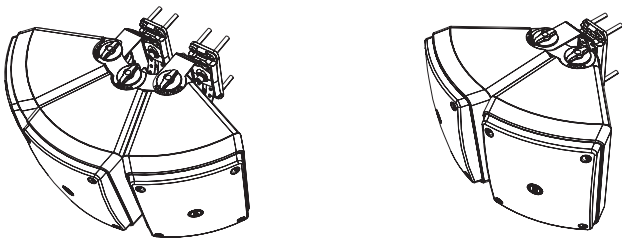
PART NUMBERS

13000096 - MQ 80P-W White
13000094 - MQ 80P-B Black
13000095 - MQ 80P-S Silver

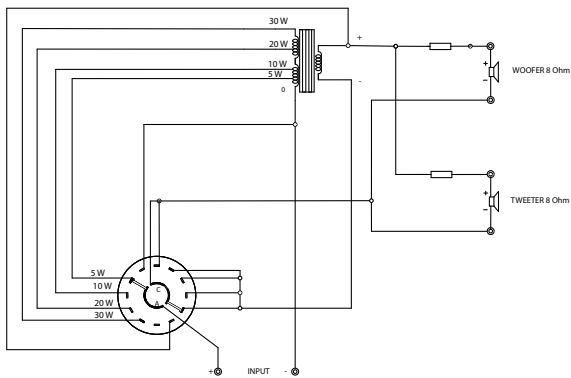
DIMENSIONS (All data are in mm)



INSTALLATION



SCHEMATICS



INSTALLATION NOTES

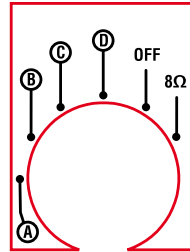
Installation of the MQ 80P is quick thanks to the unique bracket with several fixing points and aiming facilities. Connections are made by a multi-pole cable.

The power can be easily selected by using the Rotary switch present on the back side of the speaker; the knob is accessible using fingers.

The enclosure is constructed of high density UV resistant self-extinguishing polystyrene with robust steel grill. The MQ 80P is intended for both indoor and outdoor installations.

POWER SELECTION

Define the colour cable to selected the chosen power value referring to the 100 V line (among 5 W – 10 W – 20 W – 30 W) so the correspondence impedance (among 2000 Ω – 1000 Ω – 500 Ω – 333 Ω)



Note: if the rotary switch is set to the OFF position, the loudspeaker will be muted.

CERTIFICATIONS AND APPROVALS

- CE comply with European Community Directive 73/23/EEC and 93/768/EEC
- Environmental protection IP 55 homologation
- Self-Extinguishing plastic according to UL 94V0
- Speaker data according to IEC 268-5
- Safety according to IEC EN 60065:2002

ACCESSORIES (included)

- Steel safety cable
- U bracket and accessories
- Linking support to assemble a cluster
- Reflex plug protection
- Steel Grill