

Monitor

series



MONITOR SPEAKER

MQ 60H

Monitor speaker for installation at constant directivity

The MQ60H is a wall mount monitor speaker designed to guarantee uniform coverage of a large area in order to limit the number of speakers and therefore the installation points.

It is a two-way speaker with three transducers: the 5" woofer and the two horn-loaded dome tweeters with constant directivity are positioned in such a way as to ensure the maximum listening comfort within the area covered.

Installation is carried out in two phases: first, you mount the support on the wall and make the electrical connections; when all the works are completed, you insert the speaker and make a quick connection.

The speaker can be connected to constant voltage audio lines at 70 V or 100 V or to constant impedance lines (rotary switch positioned to 16 Ohm).

Applications

- Foreground/Background Music
- Distributed Speech Reinforcement
- AV Production/Playback
- Near-field Monitoring

Features

- 5" PP cone woofer
- 2 x 1" dome tweeter
- Built-in, multi-tap transformer
- 16Ω low impedance connection facility
- Built-in, LICC crossover with dynamic protection
- High density polystyrene HB grade UV stabilized
- Unobtrusive slide-in wall mounting accessory
- Fast plug-in electrical connector

SYSTEM

Freq. Range (-10 dB):	100– 19.000 Hz
Freq. Response (-3 dB):	120° ÷ 15.000 Hz
Horz. Coverage Angle (-6 dB):	120°
Vert. Coverage Angle (-6 dB):	180° asimmetrical
Directivity Factor: Q (DI):	4.7 (6.2)
System Sensitivity ¹ :	88 dB, 1W @ 1m
Rated Maximum SPL:	107 dB
System Nominal Impedance:	16 Ω (bypassed)
System Input Power Rating ² :	60 W ICE, 120 W PEAK
Recommended Amplifier ³ :	60 W
Constant Voltage:	70.7V, 100V and Bypass
Power Taps:	5W, 10W, 20W, 30W [100V] 2,5W, 5W, 10W, 15W [70.7V]

TRANSDUCERS

Low-Frequency:	5" (127mm)
High-Frequency:	2X 1" (25mm)

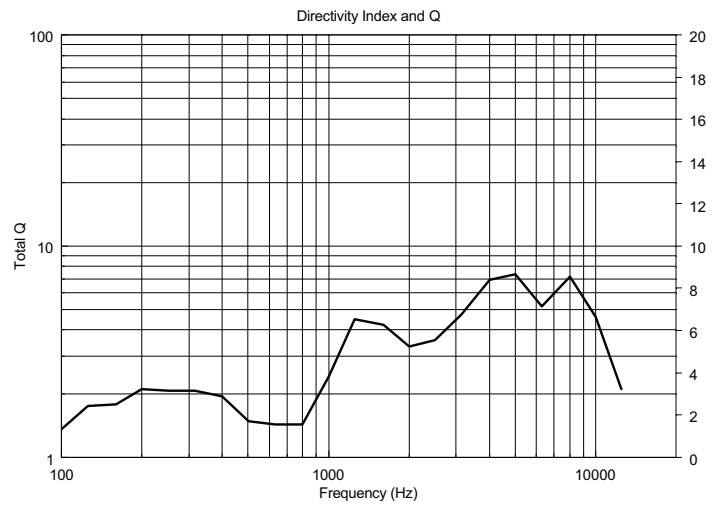
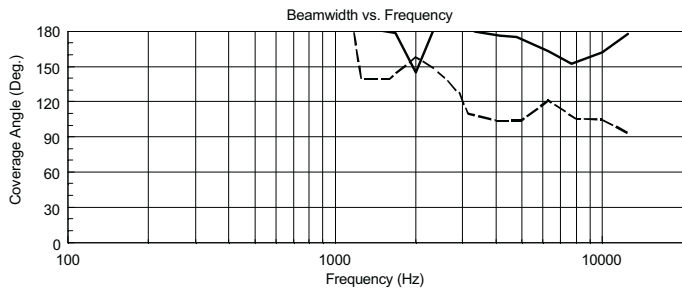
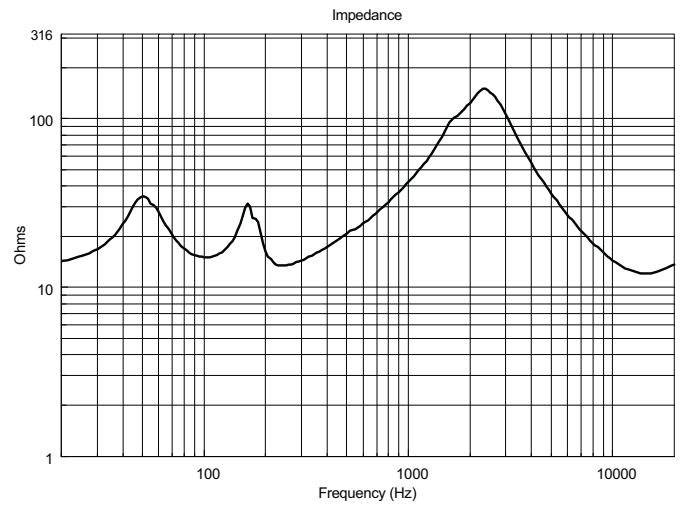
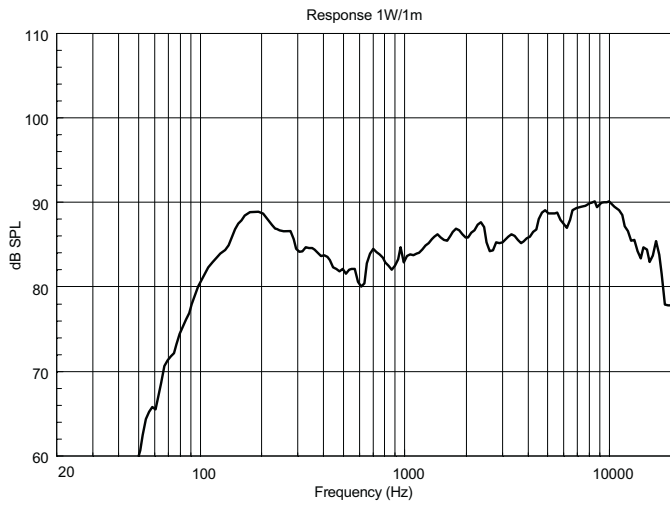
PHYSICAL

Enclosure:	high density polystyrene
Grille:	Matching perforated steel grille
Input Connectors:	Bipolar Euroblock
Dimensions (HxWxD):	11.69"x7.79"x4.92" (297x198x125 mm)
Net Weight:	6.1 lb. (2.8 kg)

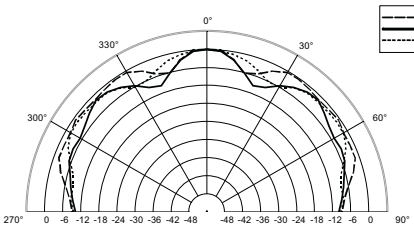
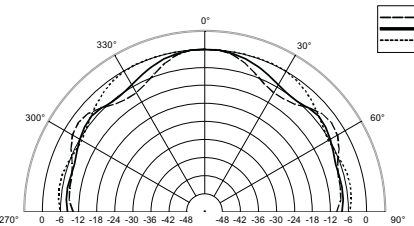
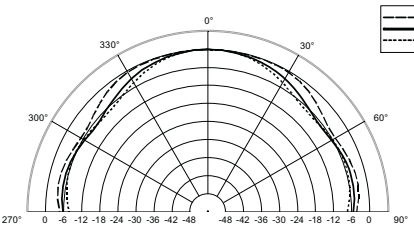
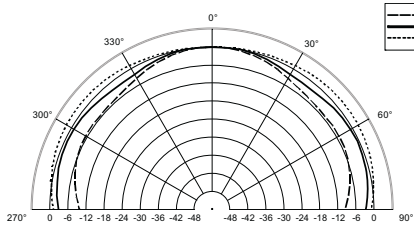
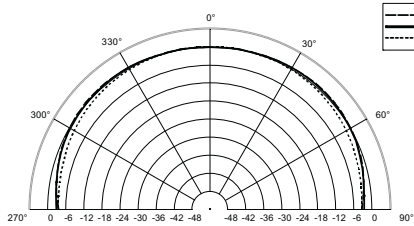
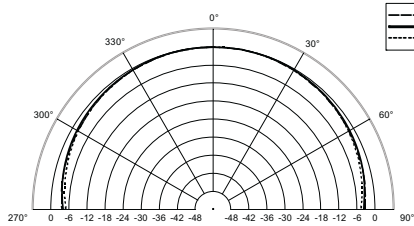
¹ Measured on axis in the far field with 1 watt (2.00 V RMS, 4) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 300Hz to 3kHz.

² IEC Spectrum, Peak for 2 hours with +4.5 dB crest factor.

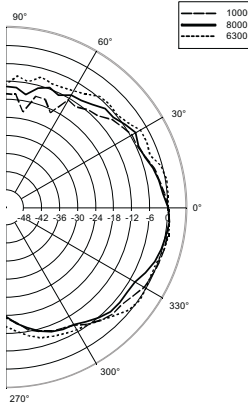
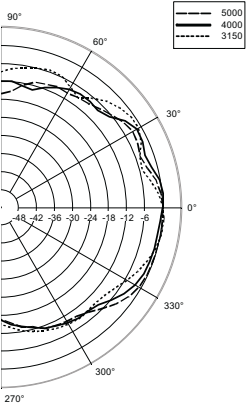
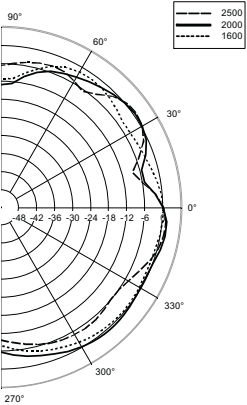
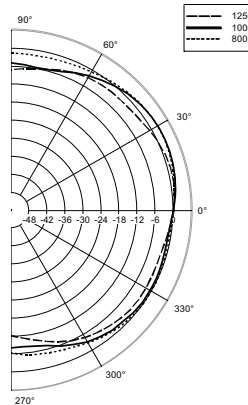
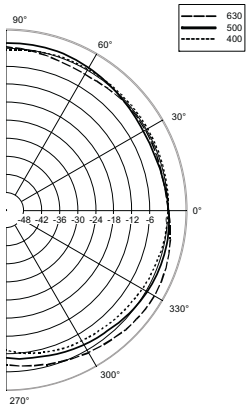
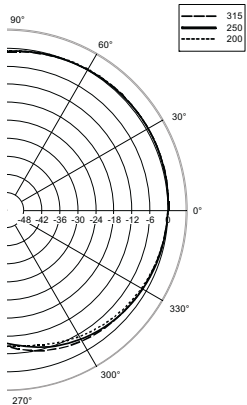
³ Recommended Amplifier is a power capability value that should be taken as a guide.



Horizontal 1/3 Polar Plot



Vertical 1/3 Polar Plot



CSI PRODUCT SPECIFICATIONS FOR DESIGNERS, SPECIFIERS, AND CONSULTANTS (ALSO KNOWN AS "A&E SPECIFICATIONS")
 The following are "Part 2 Products" CSI-type specifications. It is assumed that "Part 1 General – Administrative and Procedures" and "Part 3 Execution – Installation and Maintenance" are part of an overall audio system or project specification.
 PART 2 PRODUCTS

2.01 Approved Manufacturer/Product

- A. RCF, Via Raffaello 13, 42010 Mancasale, Reggio Emilia, Italy.
- B. Model number: MQ 60H

2.02 Design

Configuration	Two-way speaker with three transducers
LF Sub-section/HF Sub-section	LF 5" - HF 2X 1"

2.03 Acoustical Proprieties

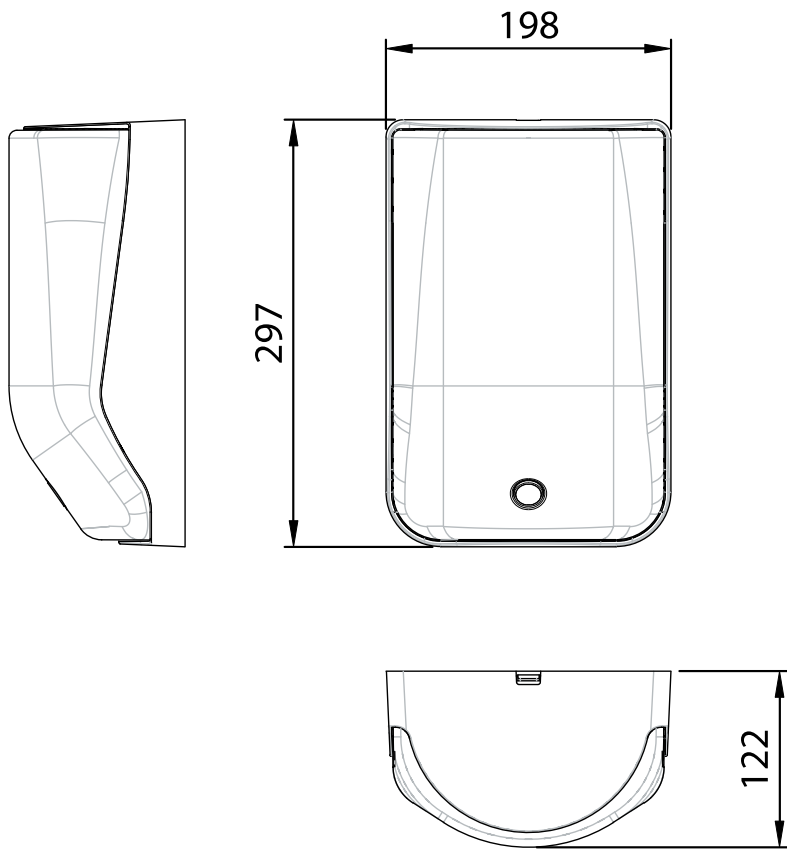
Nominal dispersion angle:	Horizontal: 120° - Vertical: 180°
Axial frequency range:	100 – 19.000 Hz

2.04 Physical Properties

Cabinet:	Composite PP
Color:	white / anthracite grey / silver
Grille:	Custom perforated steel grille with open-cell poly fiber backing
Input Connectors:	Bipolar Euroblock
Dimensions (H x W x D):	11.69"x7.79"x4.92" (297x198x125 mm)
Weight:	6.1 lb. (2.8 kg)

2.05 Accessories

Wall Mount



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