

MQ 100L

THREE-WAY COLUMN LOUDSPEAKER

DESCRIPTION

MQ 100L (available in black and white) is a 3 way column loudspeaker providing natural hi-fi delity sound of both speech and music, suitable for sound system having fixed loudspeakers where the environment is acoustically critical or with architectural constraints.

The wide horizontal coverage angle (180°) and the vertical dispersion (60°) allow the correct sound reproduction in a wide space, in order to limit feedback and improve the sound directivity which is important, for instance, in halls having a long reverberation time. The mounting accessories are included. These have been engineered to keep the column as close as possible to the wall and simplify the installation. Its tilt angle can be chosen among 0° - 5° - 10°. The 60° vertical dispersion is asymmetric: it is the difference between 20° upwards and 40° downwards. The vertical dispersion axis is in fact already angled 10° downwards, making it unnecessary to tilt the sound column excessively.



FEATURES

- 2 x 3.5" woofer, 2 x 3.5 midrange and 2 x 0.75 dome tweeter
- Power selectable (100 V): 40 W - 20 W - 10 W - 5 W
- 93 dB sensitivity
- Colour white RAL 9016 and black RAL 9005
- Plastic body, steel grille

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	130 Hz ÷ 20000 Hz
	Max SPL @ 1m	112 dB
	Horizontal coverage angle	180°
	Vertical coverage angle	60°
	System Sensitivity	93 dB
Power section	Amplification	Full Range
	Nominal Impedance	16 ohm
	Power Handling	80 W
	Peak Power Handling	320 W PEAK
	Protections	PTC on tweeter
	Crossover Frequencies	2000 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	Dome Tweeter	2 x 0.75"
	Midrange	2 x 3.5"
	Woofer	2 x 3.5"
Input/Output section	Input connectors	Euroblock
	Output connectors	Euroblock
	Constant Voltage Transformer	100 V
	Power selection 1	40 W - 250 ohm
	Power selection 2	20 W - 500 ohm
	Power selection 3	10 W - 1000 ohm
	Power selection 4	5 W - 2000 ohm
Standard compliance	Safety agency	CE compliant
Physical specifications	Hardware	Wall mount bracket
	Color	White - RAL 9016, Black - RAL 9005
Size	Height	500 mm / 19.69 inches
	Width	120 mm / 4.72 inches
	Depth	167 mm / 6.57 inches
	Weight	2.73 kg / 6.02 lbs
Shipping information	Package Height	550 mm / 21.65 inches
	Package Width	180 mm / 7.09 inches
	Package Depth	180 mm / 7.09 inches
	Package Weight	4.8 kg / 10.58 lbs

PART NUMBER

- **13000187**

MQ 100L W

White - RAL 9016

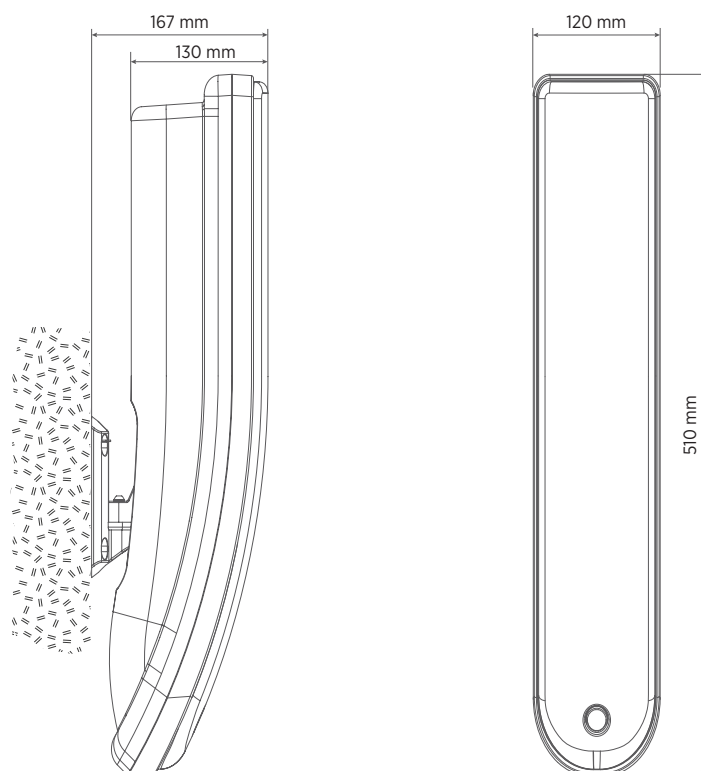
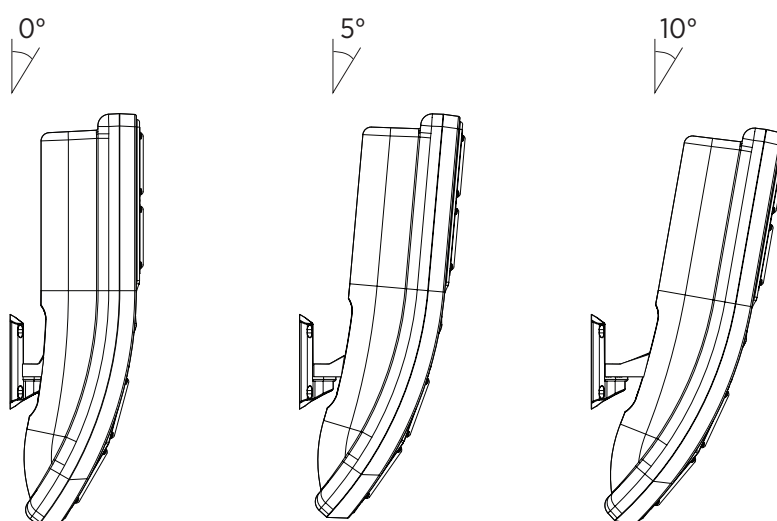
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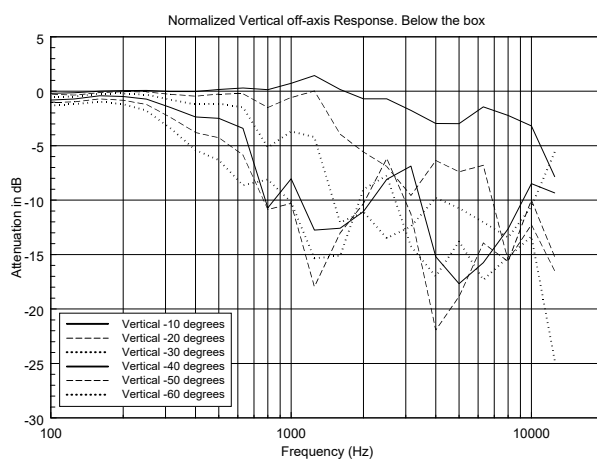
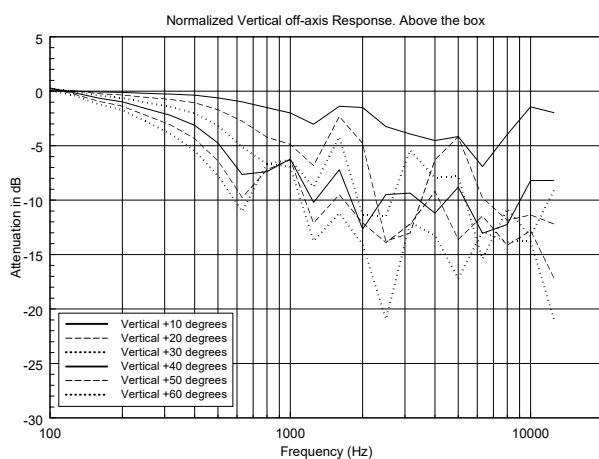
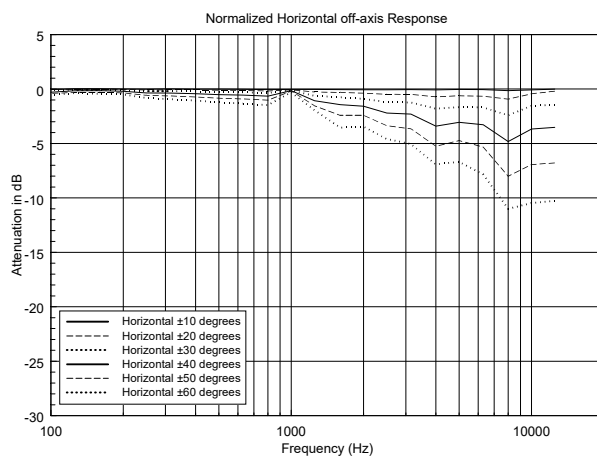
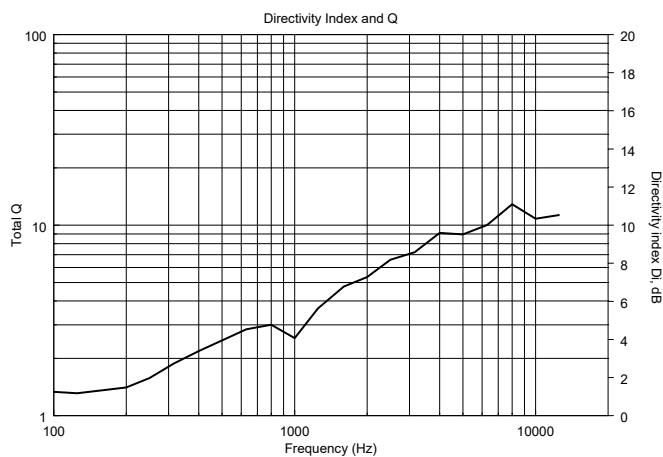
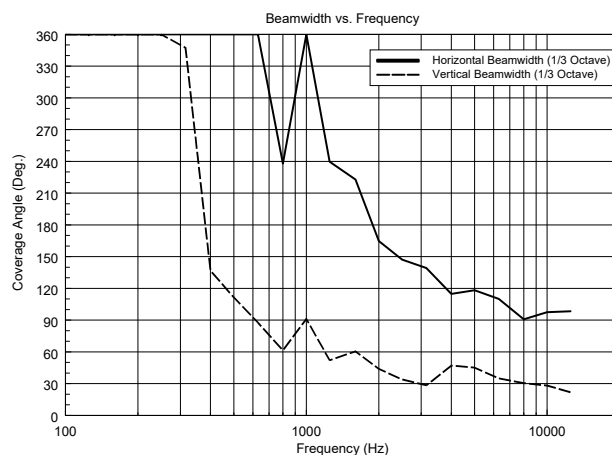
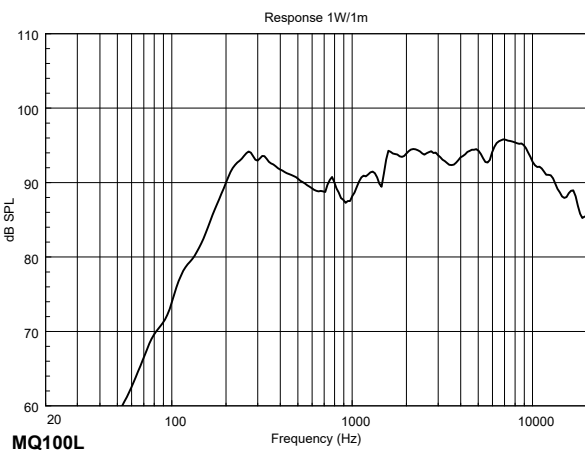
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MQ 100L B

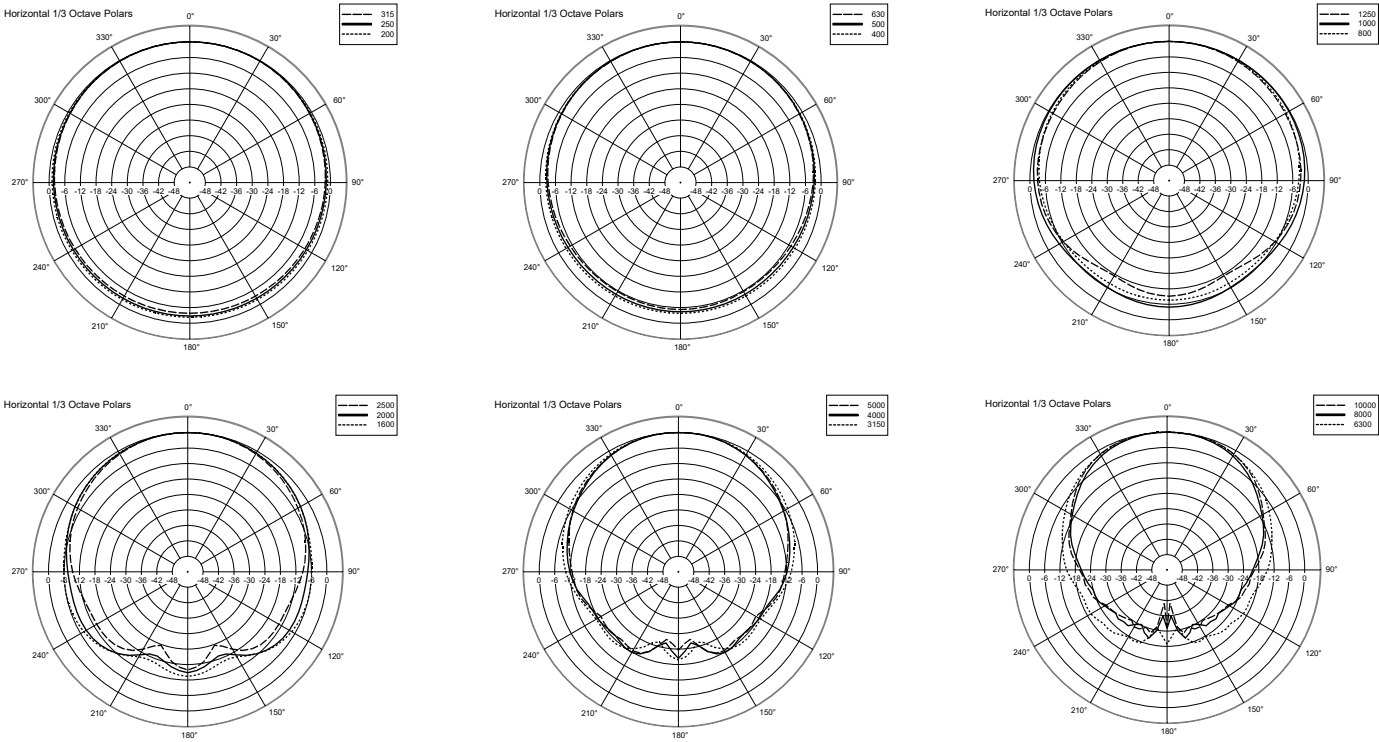
Black - RAL 9005

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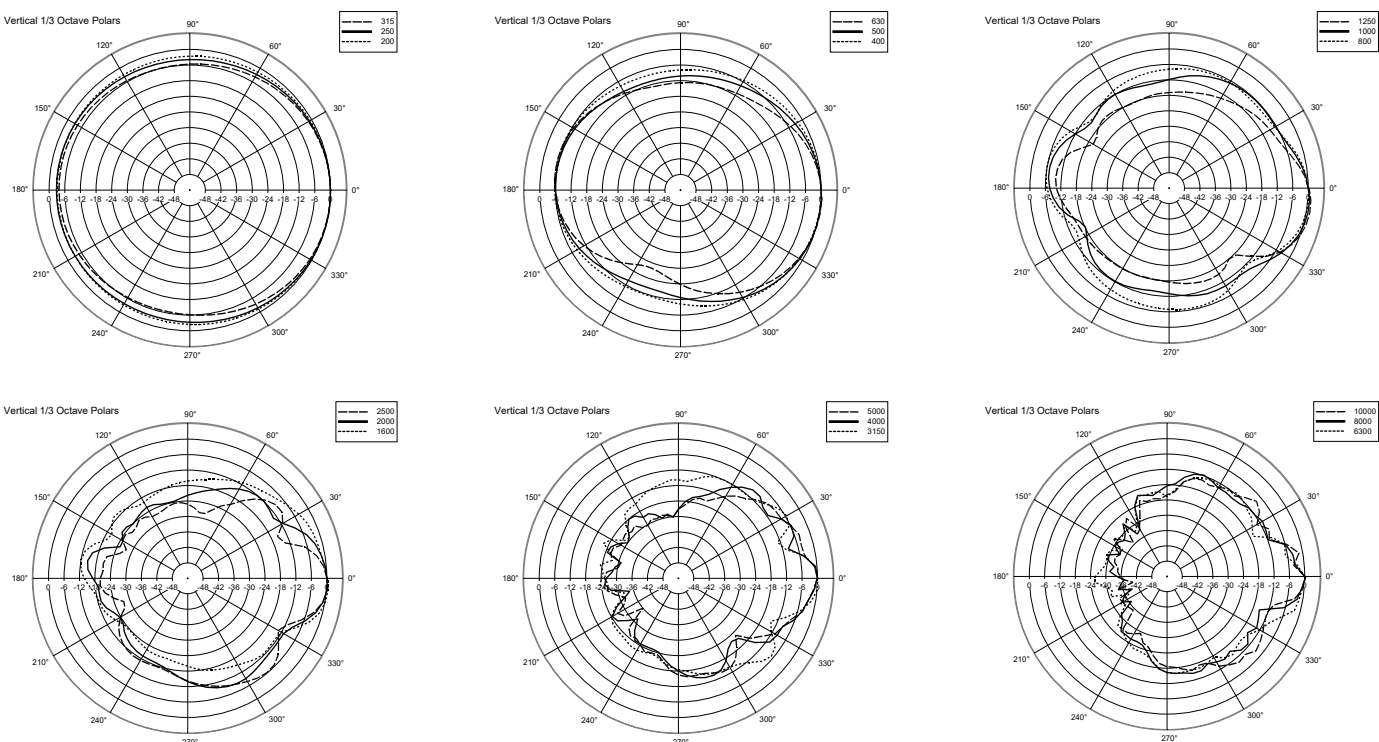
DRAWINGS**INSTALLATION**



HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



A&E SPECIFICATIONS

The product shall be a 3-way column speaker providing natural high fidelity sound of both speech and music, suitable for sound system having fixed speakers where the environment is acoustically critical or with architectural constraints.

Its design shall be elegant and compact with accurate finishing, suitable for almost any environment, even with architectural constraints.

Its wide horizontal coverage angle (180°) and its vertical dispersion (60°) will allow the correct sound reproduction in a wide space, in order to limit feedback and improve the sound directivity which is important, for instance, in halls having a long reverberation time.

Its mounting accessories shall be included. These shall be engineered to keep the column as close as possible to the wall and simplify its installation. It shall be possible to choose an angle among 0° – 5° – 10°. Its 60° vertical dispersion shall be asymmetric (difference between 20° upwards and 40° downwards), the axis shall be angled 10° downwards, making it unnecessary to tilt the sound column excessively.

It shall include an internal transformer that allows the connection to 100 V constant voltage lines.
