

M 502

TWO-WAY PASSIVE SPEAKER

DESCRIPTION

M 502 is a multipurpose two-way twin-woofer full-range speaker system, suitable in a wide range of installations. The compactness, together with the elegant and neutral design with accurate finishing make M 502 suitable for almost any environment and architectural constraint. Available mounting accessories allow you to use the M 502 wall or ceiling mounted, with reference to the several possible applications.

The M 502 has a controlled coverage through its twin 5" and the precise constant directivity horn. The SPL and the level of undistorted sound the M 502 can reach is far above any expectation from such a compact solution. The M 502 features high sensitivity thanks to the use of oversized magnets and a comfortable sound quality with smooth and wide frequency response performed thanks to the Kapton diaphragm compression driver loaded with a constant directivity horn. The LICC crossover design includes an electronic protection on high frequency device.



FEATURES

- High Quality 2-way passive loudspeaker
- 2 x 5.5" woofer, vented
- 1 x 1" in driver, on 90°x90° CD horn
- High Power Handling 'Low Impedance Compensated Crossover', with electronic protection for the driver
- 100W AES power handling
- Steel Front Grille with robust double mesh polyester clothing
- Rotatable RCF front logo
- Installation points are available on the rear panel, top and bottom
- All models have a 4-pin EUROBLOCK connector (audio input and parallel link output)

TECHNICAL SPECIFICATIONS**Acoustical specifications**

Frequency Response (-10dB):	80 Hz ÷ 20000 Hz
Max SPL @ 1m:	116 dB
Horizontal coverage angle:	90°
Vertical coverage angle:	90°
Directivity index Q:	9
System Sensitivity:	92 dB

Power section

Nominal Impedance (ohm):	8 ohm
Power Handling:	100 W RMS
Peak Power Handling:	400 W PEAK
Recommended Amplifier:	200 W
Protections:	Dynamic active mosfet
Crossover Frequencies:	2300 Hz

Transducers

Compression Driver:	1.0", 1.5" v.c
Nominal Impedance (ohm):	8 ohm
Input Power Rating:	25 W AES, 50 W PEAK
Sensitivity:	106 dB, 1W @ 1m
Woofer:	2 x 5.5", 1.2" v.c
Nominal Impedance (ohm):	16 ohm
Input Power Rating:	80 W AES, 160 W PEAK
Sensitivity:	88 dB, 1W @ 1m

Input/Output section

Input connectors:	Euroblock
Output connectors:	Euroblock

Standard compliance

CE marking:	Yes
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Physical specifications

Cabinet/Case Material:	MDF
Hardware:	6 x M6, 2 x M10
Grille:	Steel with robust double mesh polyester clothing
Color:	Black

Size

Height:	470 mm / 18.5 inches
Width:	175 mm / 6.89 inches
Depth:	185 mm / 7.28 inches
Weight:	8 kg / 17.64 lbs

Shipping informations

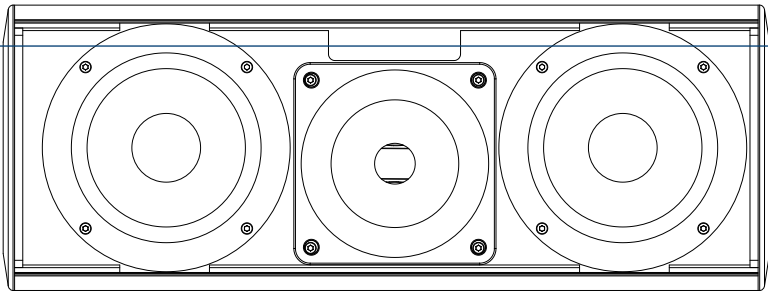
Package Height:	539 mm / 21.22 inches
Package Width:	257 mm / 10.12 inches
Package Depth:	247 mm / 9.72 inches
Package Weight:	8.8 kg / 19.4 lbs

PART NUMBER

- **13041011**

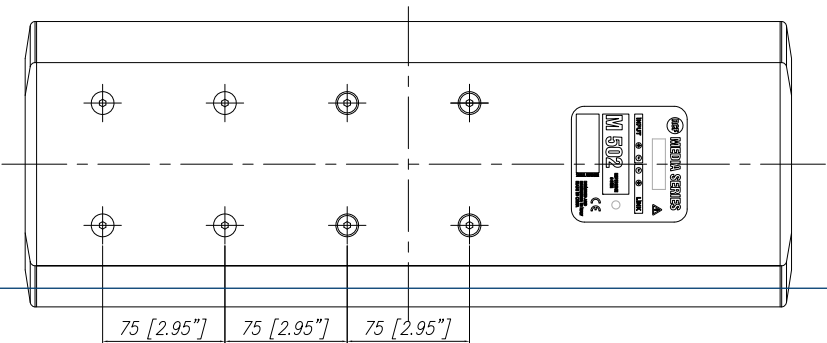
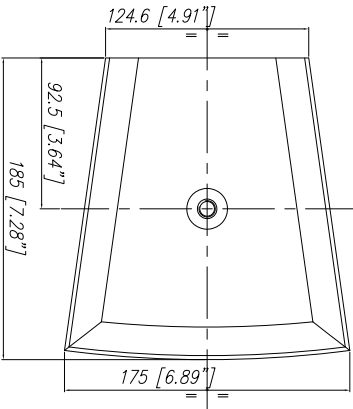
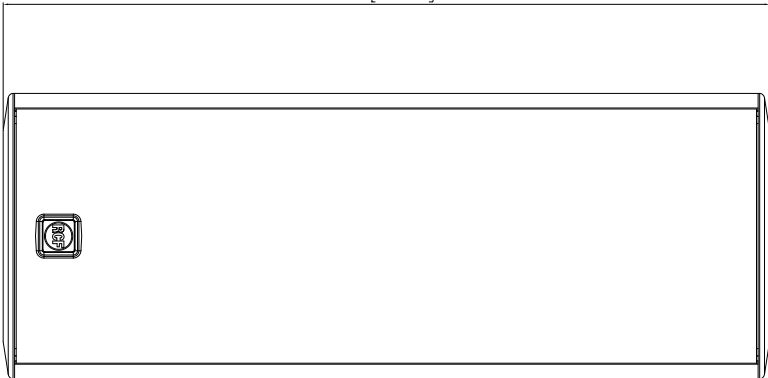
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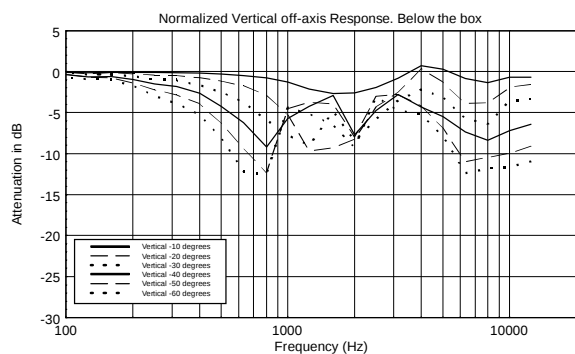
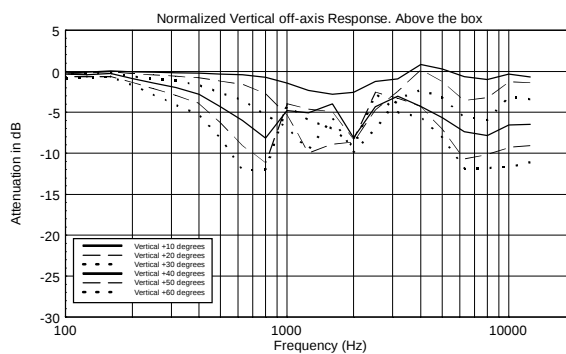
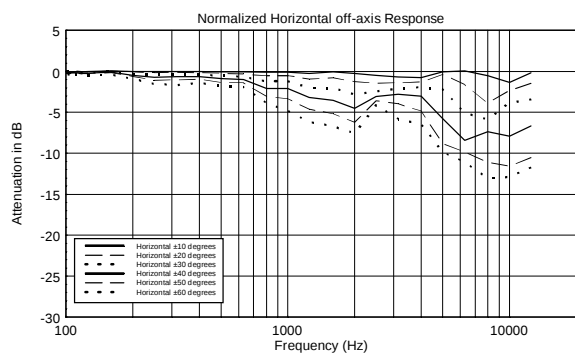
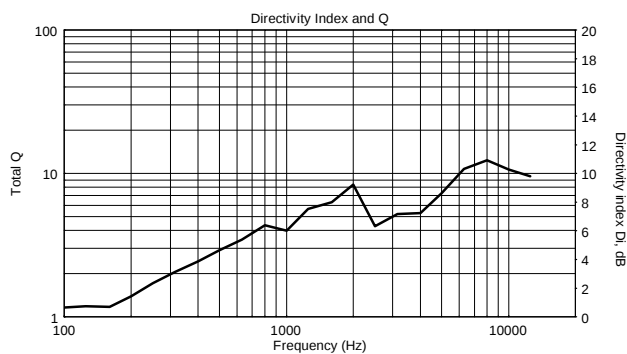
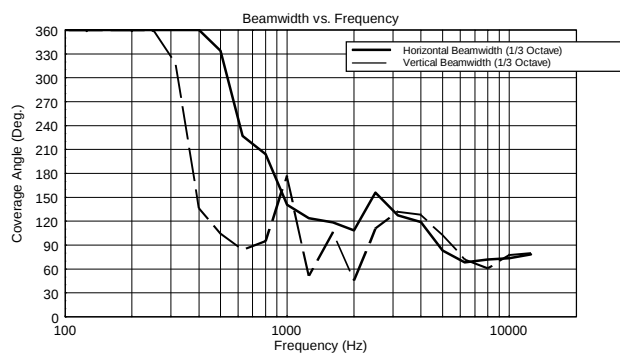
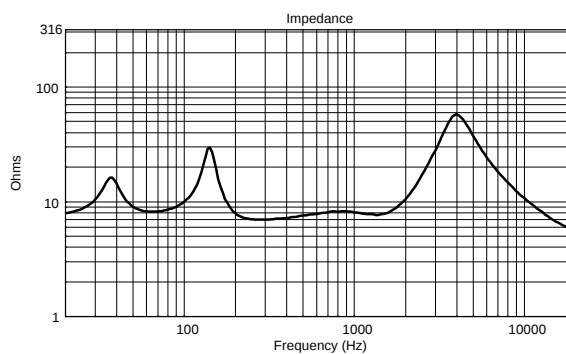
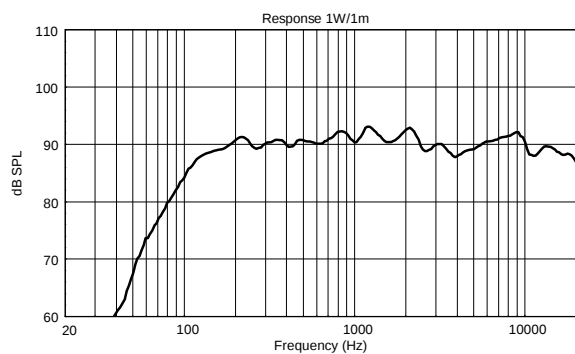
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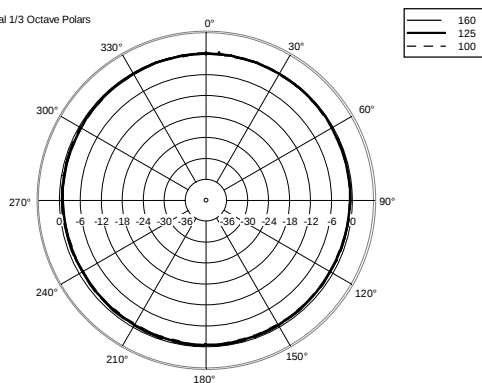
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470 [18.50"]

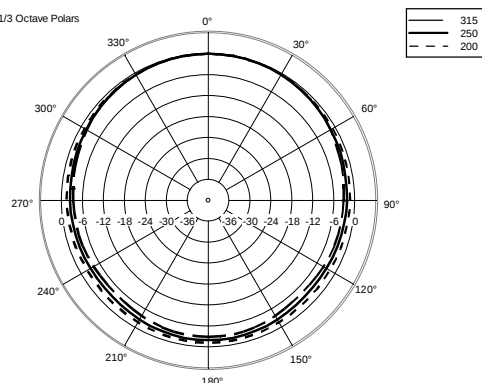




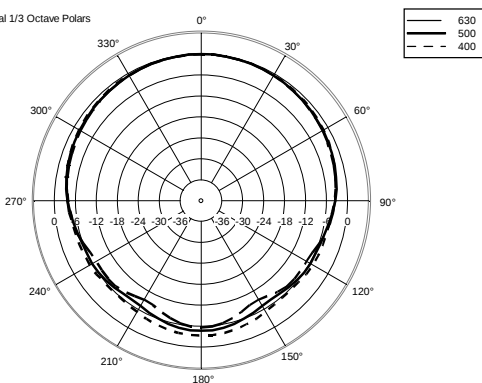
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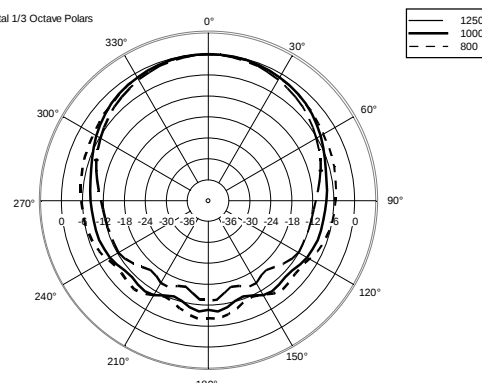
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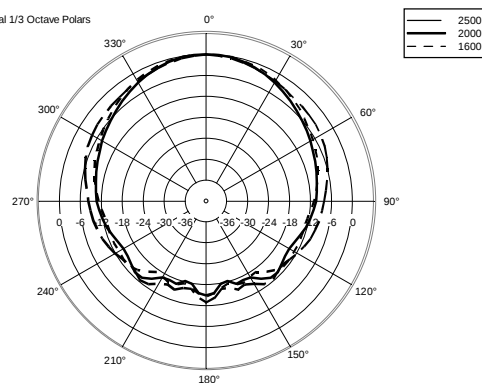
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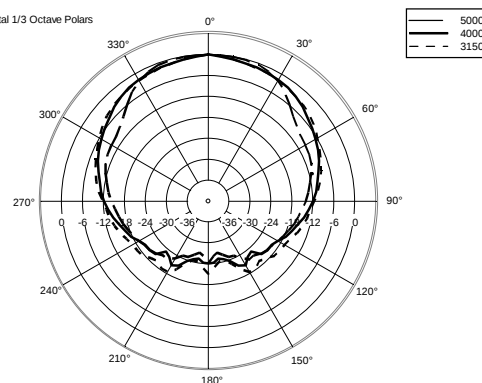
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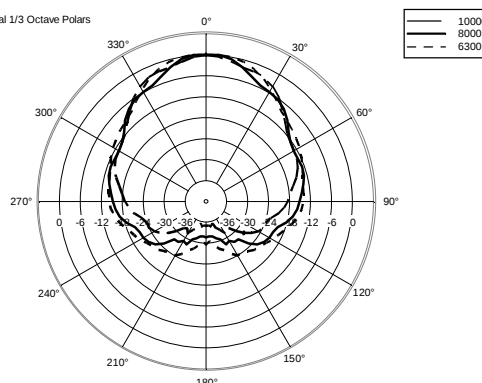
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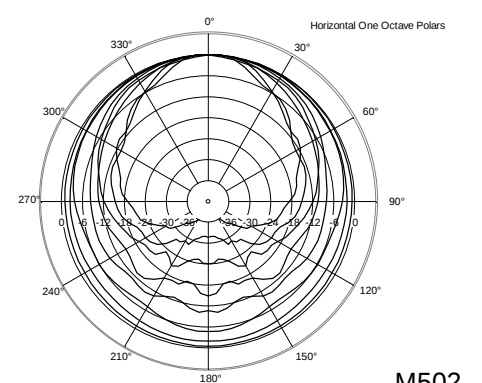
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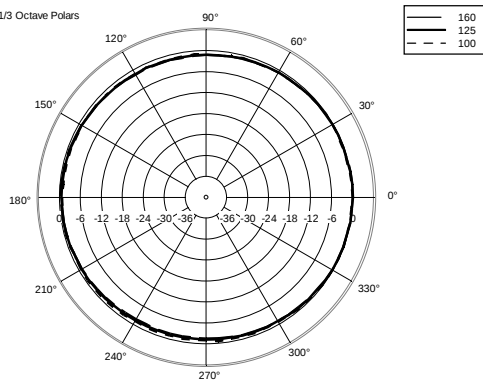
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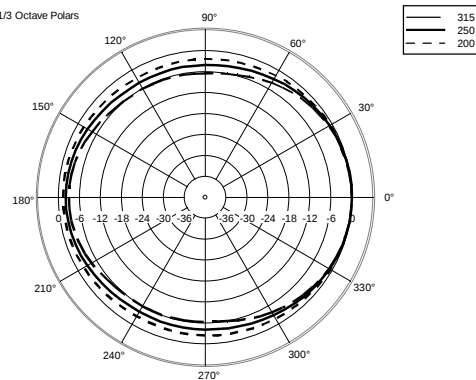
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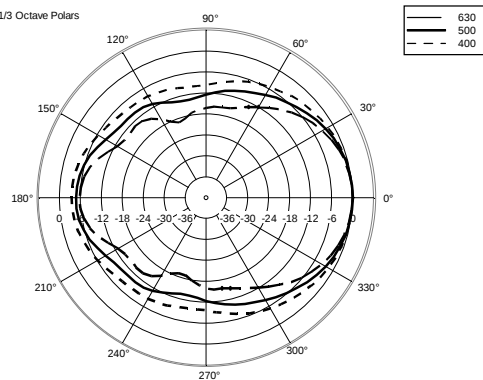
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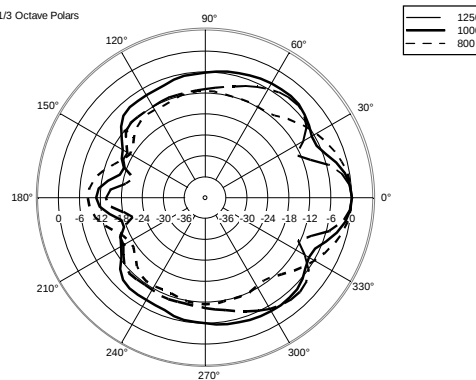
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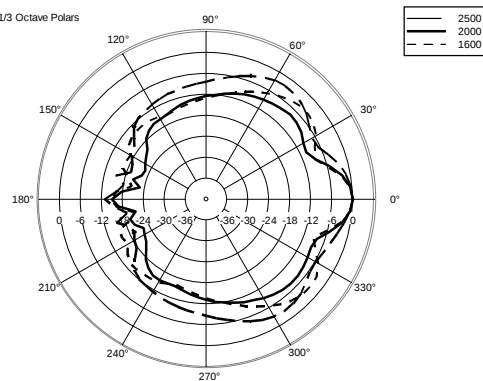
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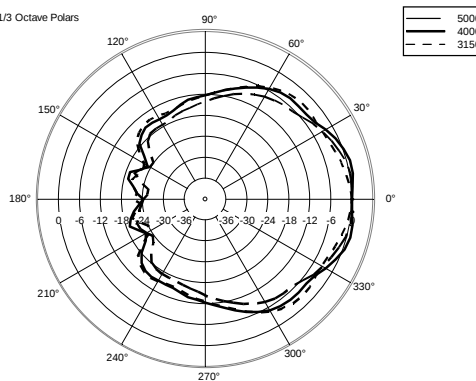
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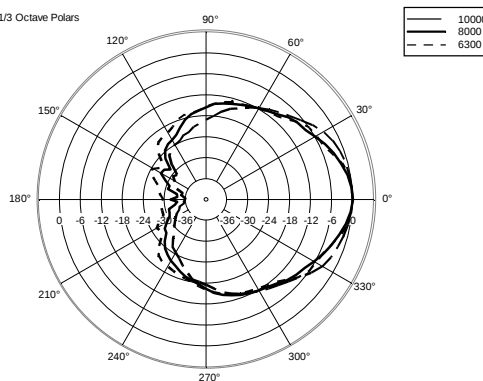
Vertical 1/3 Octave Polars



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Vertical One Octave Polars

