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PROFESSIONAL LOUDSPEAKERS

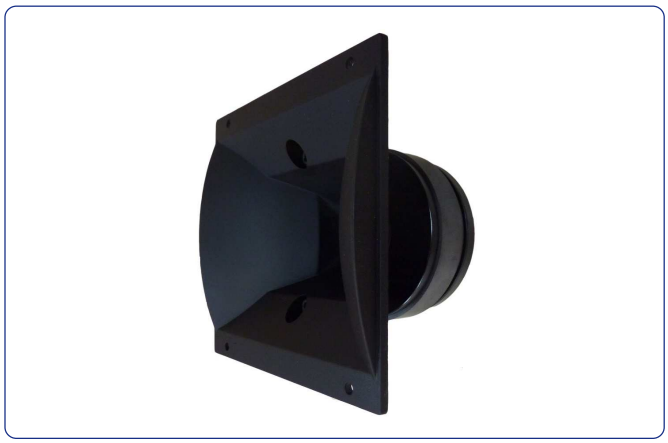
www.beyma.com

SMC-8060

COMPRESSION DRIVER

KEY FEATURES

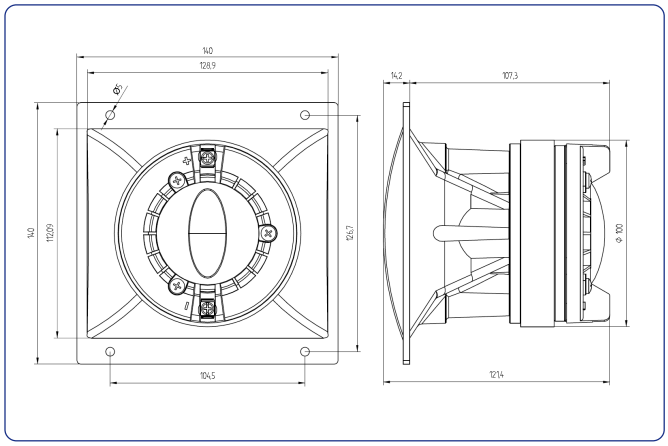
- Excelent power handling: 50 W_{AES} above 1,5 kHz
- High sensitivity: 107 dB @ 1 W @ 1 m
- Extended frequency range: 0,8 - 18 kHz
- Low harmonic distortion
- 1,75” edgewound aluminum voice coil with polymide former
- Lightweight mylar diaphragm
- 80º x 60º horn
- Designed for compact cabinets



TECHNICAL SPECIFICATIONS

Rated impedance	8 Ω	
Minimum impedance	5 Ω @ 4 kHz	
D.C. resistance	4,4 Ω	
Power capacity*	50 W_{AES} above 1,5 kHz	
Program power	100 W above 1,5 kHz	
Sensitivity**	107 dB 1W @ 1m	
Frequency range	0,8 - 18 kHz	
Recommended crossover	1,5 kHz or higher (12 dB/oct min.)	
Voice coil diameter	44,4 mm	1,75 in
Flux density	1,65 T	
BI factor	8,5 N/A	

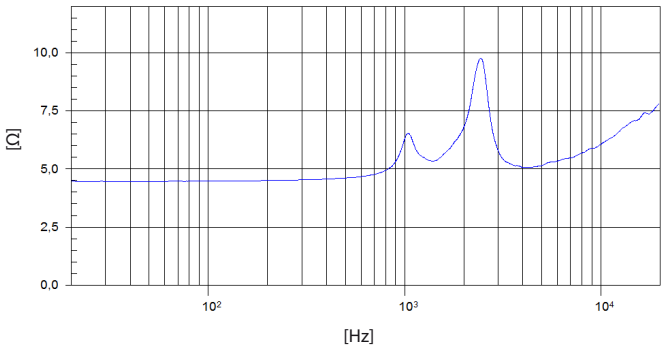
DIMENSION DRAWINGS



MOUNTING INFORMATION

Overall dimensions	140 x 136 mm	5,51 x 5,35 in
Depth	121 mm	4,76 in
Net weight	1,5 kg	3,3 lb
Shipping weight	1,7 kg	3,74 lb

FREE AIR IMPEDANCE CURVE



Notes:

* The power capaticty is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer’s ability to handle normal music program material.

** Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 - 7 kHz.

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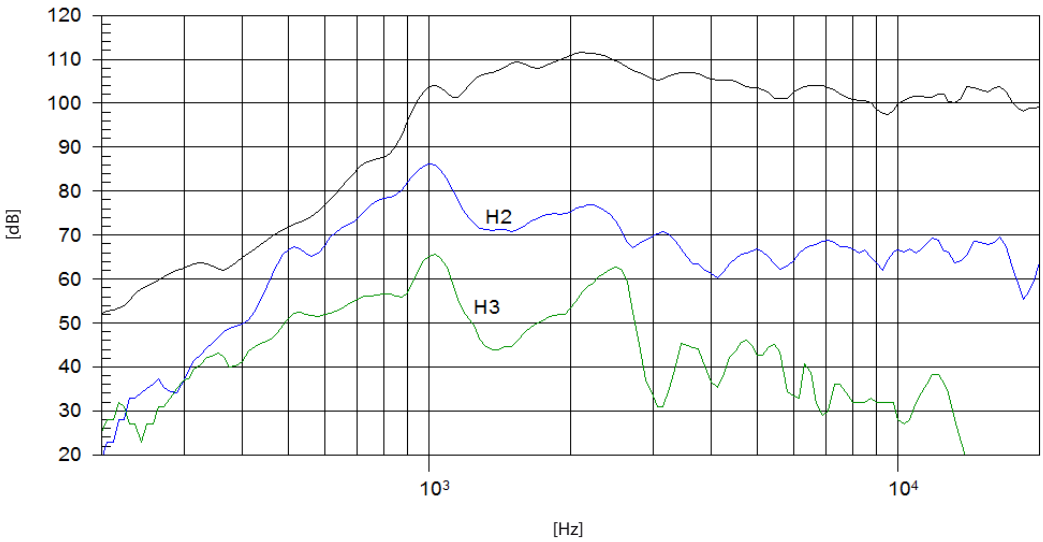
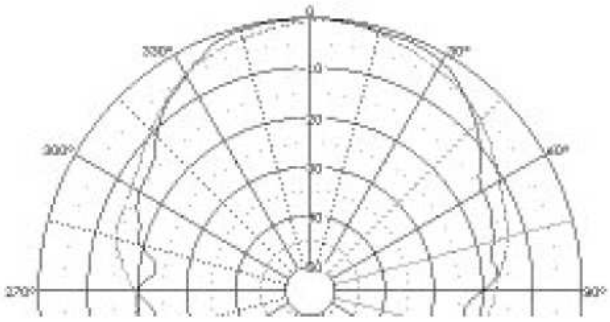
FREQUENCY RESPONSE AND DISTORTION



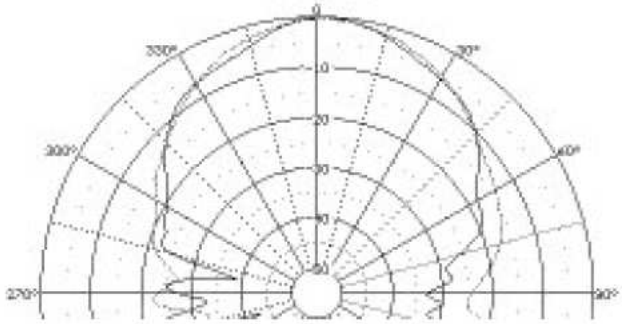
Note: On axis frequency response measured in anechoic chamber, 1W @ 1m

HORIZONTAL POLAR PATTERN



Note: Discontinuous line: 6 kHz, Continuous line: 12 kHz

VERTICAL POLAR PATTERN



Note: Discontinuous line: 6 kHz, Continuous line: 12 kHz

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