

KEY FEATURES

- 1,75" (44,4 mm) edgewound aluminium ribbon voice coil
- Improved moving assembly mechanical coupling for excellent power handling capabilities
- PM-4 polymer diaphragm
- 70 W_{AES} power above 1,2 kHz
- 140 W program power above 1,2 kHz
- 104 dB, 1W @ 1 m sensitivity coupled to 90° x 5° horn
- Excellent for line array applications (weight 1,8 kg)
- Ferrite magnet

TECHNICAL SPECIFICATIONS

Throat diameter	20,5 mm	0,8 in
Rated impedance		8 Ω
Minimum impedance	4,71 Ω @ 3,4 kHz	
D.C. resistance		4,3 Ω
Power capacity*	70 W _{AES} above 1,2 kHz	
Program power	140 W above 1,2 kHz	
Sensitivity**	104 dB 1W @ 1m	
	coupled to a 90° x 5° horn	
Frequency range	0,7 - 20 kHz	
Recommended crossover	1,2 kHz or higher (12 dB/oct min.)	
Voice coil diameter	44,4 mm	1,75 in
Magnetic assembly weight	1,28 kg	2,82 lb
BI factor		6,6 N/A

MOUNTING INFORMATION

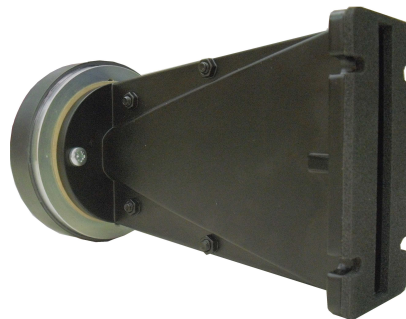
Overall diameter	100 mm	3,94 in
Depth	200 mm	7,87 in
Mounting	Four 6 mm diameter holes	
Net weight (1 unit)	1,81 kg	4,00 lb
Shipping weight (2 units)	3,78 kg	8,34 lb

Notes:

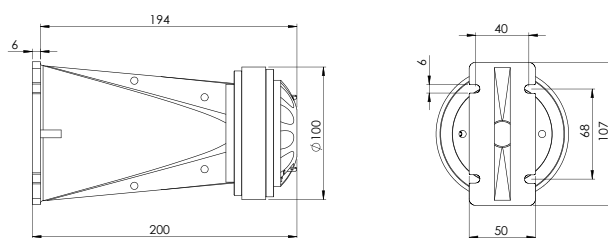
* The power capacity is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

** Sensitivity was measured at 1m distance, on axis, with 2,83 V input, averaged in the range 2 - 7 kHz.

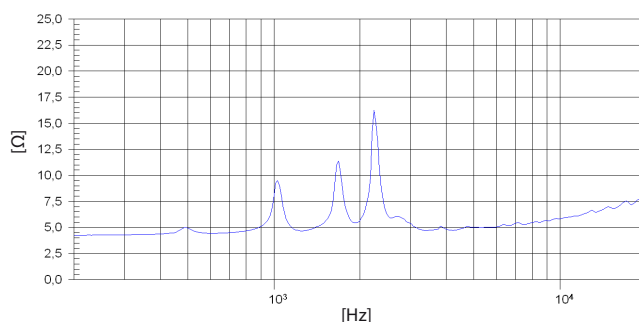
*** All angle measurements are from the axis, 45° means ± 45°.



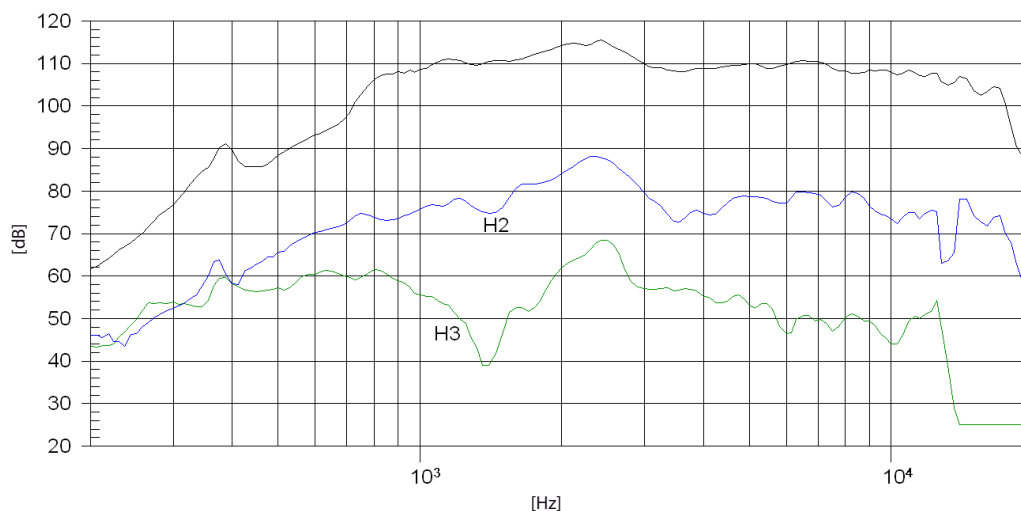
DIMENSION DRAWINGS



FREE AIR IMPEDANCE CURVE

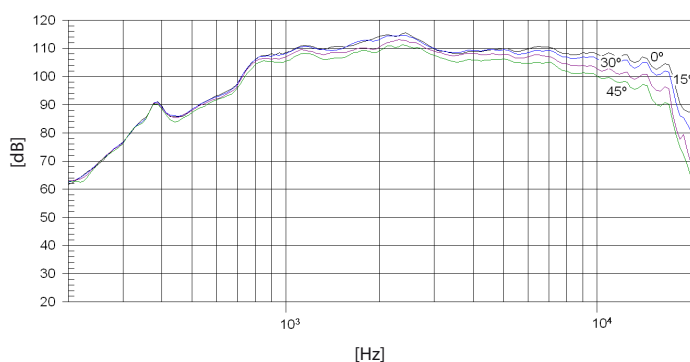


FREQUENCY RESPONSE AND DISTORTION



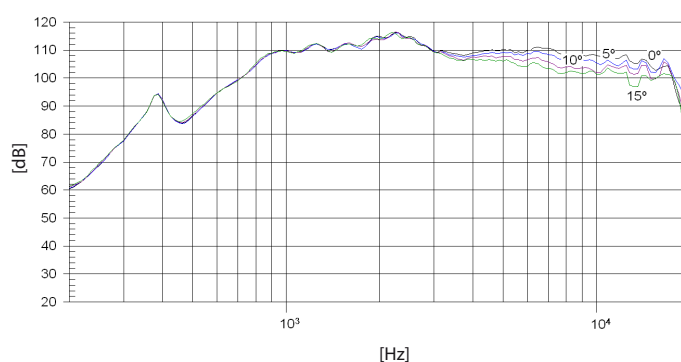
Note: On axis frequency response measured with two waveguides coupled to TD-WL4 horn in anechoic chamber, 1W @ 1m

HORIZONTAL DISPERSION***



Note: dispersion measured with two waveguides coupled to TD-WL4 horn in anechoic chamber, 1W @ 1m.

VERTICAL DISPERSION***



Note: dispersion measured with two waveguides coupled to TD-WL4 horn in anechoic chamber, 1W @ 1m.