10" 500W

Code Z005711

10 Fe 2,5 CP 4Ω

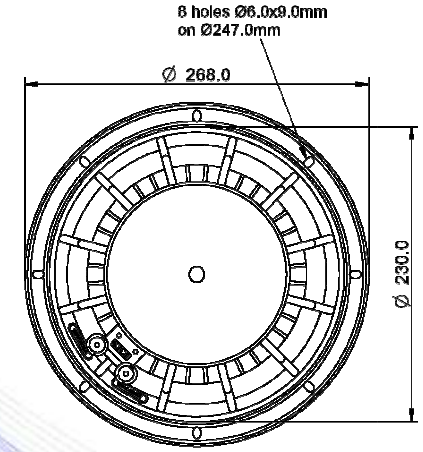
Professional Woofer

- 2,5” voice coil fiberglass former.
- Progressive wave Konex spider.
- Cloth surround with DAR technology.
- Waterproof cone treatment.
- BMF ferrite magnet circuit.
- Ventilated magnet and voice coil to reduce power compression.
- 94.9 dB sensitivity.

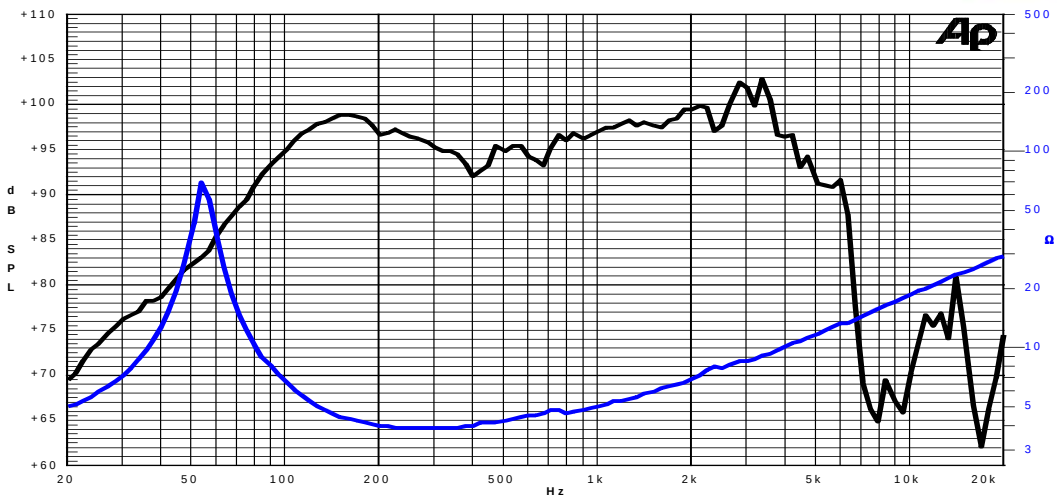
Specifications	
Nominal Diameter	268mm (10")
Nominal Impedance	4Ω
Rated Power AES (1)	250W
Continuous Program Power (2)	500W
Sensitivity @ 1W/1m (3)	94.9dB
Voice Coil Diameter	65mm (2,5")
Voice Coil Winding Depth	12mm
Magnetic Gap Depth	8mm
Flux Density	1.05T
Magnet Weight	1430g
Net Weight	4.9kg

Thiele & Small Parameters (4)			
Re	3.16Ω	Fs	55.0Hz
Qms	10.34	Qes	0.43
Qts	0.41	Mms	35.8g
Cms	234µm/N	Bxl	9.51Tm
Vas	39.8l	Sd	346.4cm^2
X max(5)	+/-3.3mm	X var (6)	+/-6.5mm
η_0	1.47%	Le (1kHz)	0.34mH

Costructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Aluminium
Voice Coil Former Material	: Fiberglass
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
Surround Material	: Treated Cloth
Dust Dome Material	: Solid Paper



Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure
2: Power on Continuous Program is defined as 3 dB greater than the Rated Power
3: Calculated by Thiele & Small parameters
4: Thiele & Small parameters measured with laser system without preconditioning test
5: Measured with respect to a THD of 10% using a parameter-based method
6: Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value.
7: Drawing dimensions: mm
8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle

Due to continuing product improvement, the features and the design are subject to change without notice. 31/07/12

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