10" 500W

Code Z006900

10 L 2,5 SL 8 Ω

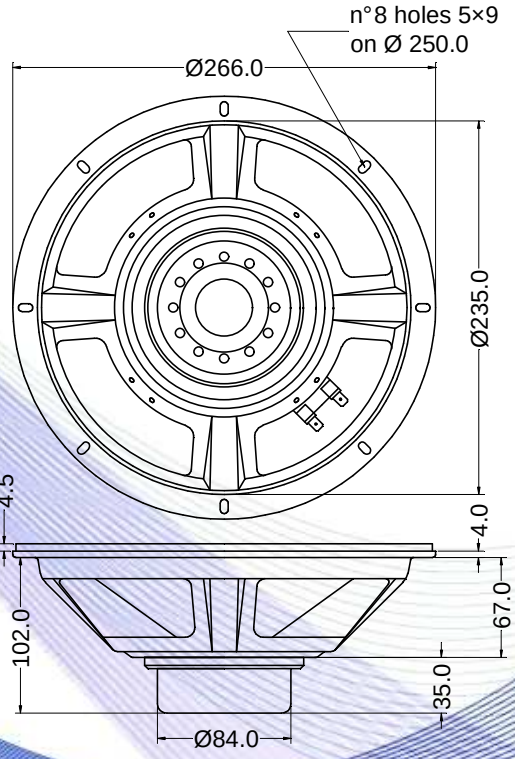
Professional Woofer

- 2,5” sandwich voice coil fiberglass former and aluminium winding
- Neodymium magnet
- Ventilated magnet and voice coil to reduce power compression
- 96.3 dB sensitivity

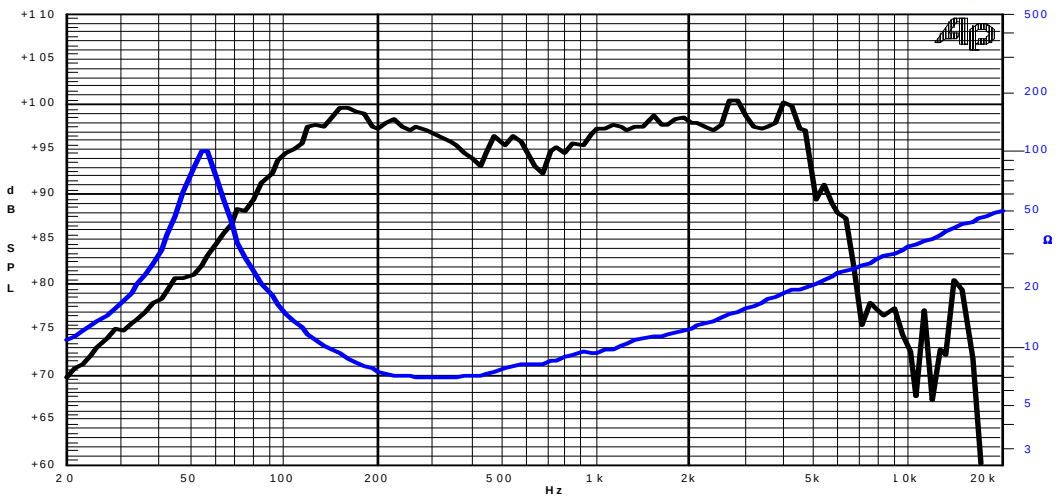
Specifications	
Nominal Diameter	266mm (10")
Nominal Impedance	8Ω
Rated Power AES [1]	250W
Continuous Program Power [2]	500W
Sensitivity @ 1W/1m [3]	96.3dB
Voice Coil Diameter	65mm (2,5")
Voice Coil Winding Depth	16mm
Magnetic Gap Depth	8mm
Flux Density	1.11T
Magnet Weight	220g
Net Weight	2.0kg

Thiele & Small Parameters [4]			
Re	6.00Ω	Fs	54.0Hz
Qms	4.84	Qes	0.35
Qts	0.33	Mms	30.1g
Cms	284µm/N	Bxl	13.35Tm
Vas	43.8l	Sd	330.1cm^2
X max[5]	+/-4.0mm	X var [6]	+/-5.0mm
η_0	1.94%	Le (1kHz)	0.87mH

Costructive Characteristics	
Magnet	: Neodymium
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Aluminium
Voice Coil Former Material	: Fiberglass
Cone Material	: Paper
Cone Treatment	: No
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. 19/03/12

SICA Altoparlanti s.r.l. - ITALY – website: www.sica.it - E-mail: lab@sica.it - Tel. +39-071-7958072 - Fax +39-071-7959006