8" 500W

Code Z005346

LP 210.65/N220 T-OUT 8Ω

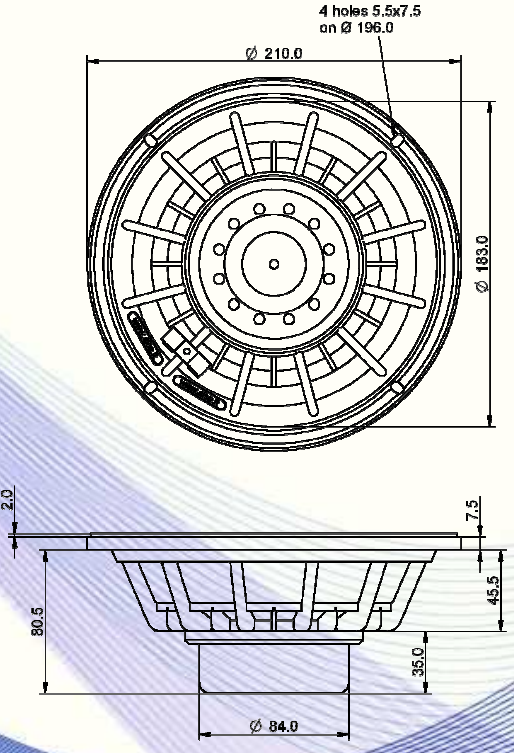
Professional Woofer

- 2,5” voice coil Kapton former.
- Progressive wave Konex spider.
- Cloth surround with DAR technology.
- Surface waterproof cone treatment.
- Neodymium magnet circuit with copper ring.
- Ventilated magnet and voice coil to reduce power compression.
- 93.9 dB sensitivity.

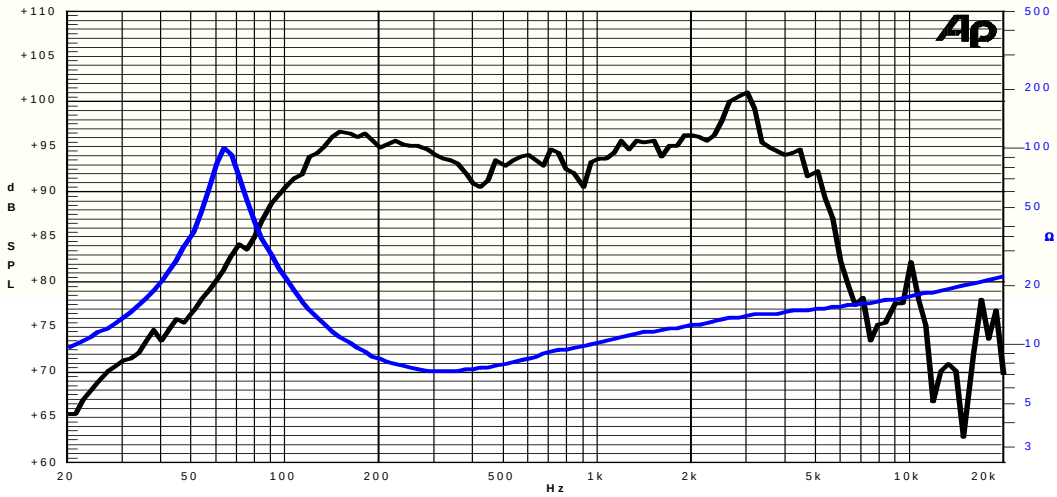
Specifications	
Nominal Diameter	210mm (8")
Nominal Impedance	8Ω
Rated Power AES (1)	250W
Continuous Program Power (2)	500W
Sensitivity @ 1W/1m (3)	93.9dB
Voice Coil Diameter	65mm (2,5")
Voice Coil Winding Depth	16mm
Magnetic Gap Depth	8mm
Flux Density	1.04T
Magnet Weight	220g
Net Weight	1.8kg

Thiele & Small Parameters (4)			
Re	6.15Ω	Fs	64.4Hz
Qms	5.49	Qes	0.33
Qts	0.31	Mms	26.6g
Cms	229µm/N	Bxl	14.18Tm
Vas	14.8l	Sd	213.8cm^2
X max(5)	+/-4.0mm	X var (6)	+/-7.0mm
η_0	1.15%	Le (1kHz)	0.58mH

Costructive Characteristics	
Magnet	: Neodymium
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
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. 15/06/12

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