18" 1400W

Code Z008391

18 F 4 CP 8Ω

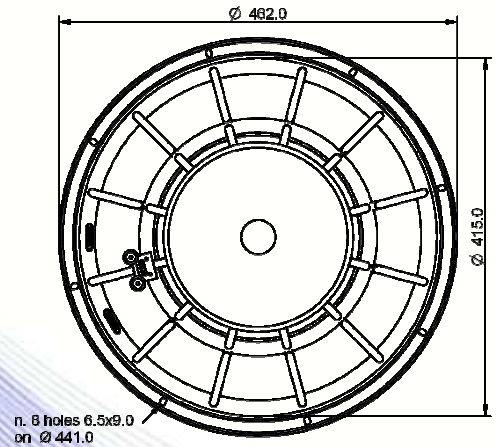
Professional Woofer

- 4” sandwich voice coil fiberglass former
- Ferrite magnet
- Double progressive wave Konex spider
- Cloth surround with DAR technology
- Autoclave waterproof cone treatment
- 98.3 dB sensitivity

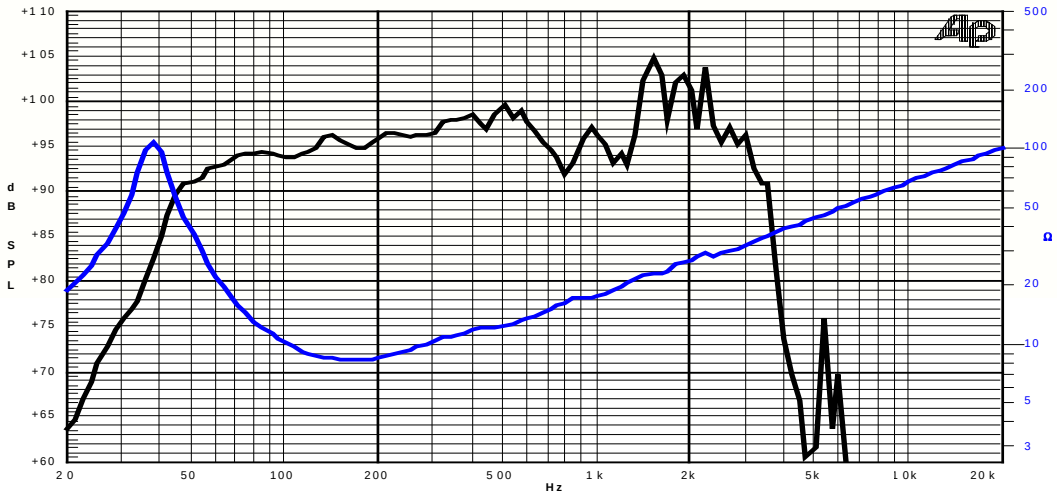
Specifications	
Nominal Diameter	462mm (18")
Nominal Impedance	8Ω
Rated Power AES (1)	700W
Continuous Program Power (2)	1400W
Sensitivity @ 1W/1m (3)	98.3dB
Voice Coil Diameter	100mm (4")
Voice Coil Winding Depth	22mm
Magnetic Gap Depth	10mm
Flux Density	1.31T
Magnet Weight	3300g
Net Weight	12.8kg

Thiele & Small Parameters (4)			
Re	6.40Ω	Fs	38.0Hz
Qms	5.52	Qes	0.31
Qts	0.29	Mms	179.1g
Cms	97µm/N	Bxl	29.77Tm
Vas	185.2l	Sd	1164.2cm^2
X max(5)	+/-6.2mm	X var (6)	+/-10.1mm
η_0	3.22%	Le (1kHz)	1.88mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Fiberglass
Cone Material	: Paper
Cone Treatment	: Humidity Resistant Pulp
Surround Material	: Treated Cloth
Dust Dome Material	: Solid Paper



Frequency Response on 150 Litres Vented Box @ 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

Due to continuing product improvement, the features and the design are subject to change without notice. 11/05/12

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