8" 300W Code Z005113 8 Fe 2 CP 4Ω

**Professional Woofer** 

- 2" voice coil Kapton former. •
- Cloth surround with DAR technology.
- Cone waterproof treatment.
- BMF ferrite magnet.

SICA

loudspeakers

94.2 dB sensitivity.

d

s

L

+75

+70

+65

+60

20

50

100

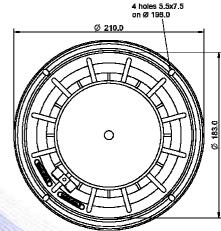
200

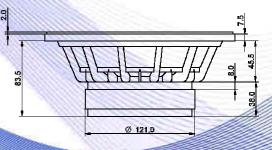
Specifications		
Nominal Diameter	210mm (8")	
Nominal Impedance	4Ω	
Rated Power AES <sup>(1)</sup>	150W	
Continuous Program Power <sup>(2)</sup>	300W	
Sensitivity @ 1W/1m <sup>(3)</sup>	94.2dB	
Voice Coil Diameter	50mm (2")	
Voice Coil Winding Depth	13mm	
Magnetic Gap Depth	8mm	
Flux Density	1.07T	
Magnet Weight	930g	
Net Weight	2.8kg	

Thiele & Small Parameters (4)			
Re	3.10Ω	Fs	64.6Hz
Qms	3.21	Qes	0.32
Qts	0.29	Mms	25.6g
Cms	238µm/N	Bxl	9.96Tm
Vas	15.41	Sd	213.8cm <sup>2</sup>
X max <sup>(5)</sup>	+/-3.2mm	X var (6)	+/-6.5mm
$\eta_0$	1.23%	Le (1kHz)	0.52mH

Constructive Characteristics		
Magnet	: Ferrite	
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	







## +110 Ao +105 +100 +95 +90 +85 +80

500

1 k

Нz

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

Note

200

201

101

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

Thiele & Small parameters 4: 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

2 k

07/02/13