8" 300W Code Z005112 8 Fe 2 CP 8Ω

Professional Woofer

• 2" voice coil Kapton former

SICA))

loudspeakers

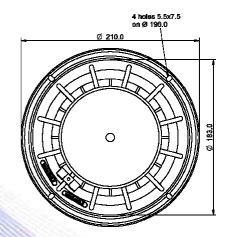
- Cloth surround with DAR technology
- Cone waterproof treatment
- BMF ferrite magnet
- 94.7 dB sensitivity

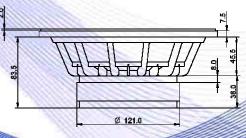
Specifi	cations
Nominal Diameter	210mm (8")
Nominal Impedance	8Ω
Rated Power AES ⁽¹⁾	150W
Continuous Program Power ⁽²⁾	300W
Sensitivity @ 1W/1m ⁽³⁾	94.7dB
Voice Coil Diameter	50mm (2")
Voice Coil Winding Depth	14mm
Magnetic Gap Depth	8mm
Flux Density	1.20T
Magnet Weight	930g
Net Weight	2.8kg

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Thiele & Small Parameters (4)				
Re	6.00Ω	Fs	71.0Hz	
Qms	1.99	Qes	0.38	
Qts	0.32	Mms	21.7g	
Cms	234 µm/N	Bxl	12.27Tm	
Vas	15.11	Sd	213.8cm ²	
X max ⁽⁵⁾	+/-5.0mm	X var ⁽⁶⁾	+/-8.5mm	
η_0	1.34%	Le (1kHz)	0.78mH	

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







Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m - Free Air Impedance +110 Ao +105 +100 +95 d B +90 +85 S P +80 L +75 +70 +65 +60 50 500 100 200 2 k 201 20 1 k 101 Нz

Note:

200

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.

15/02/13