

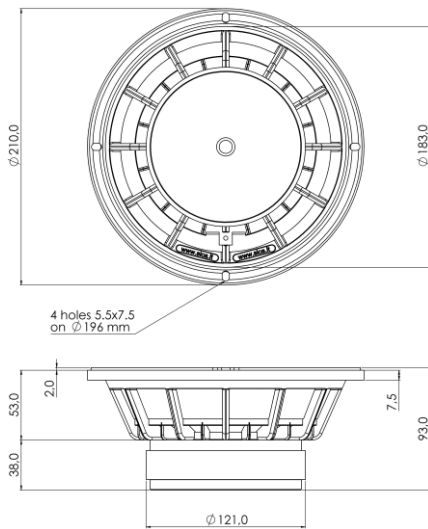
## 8 Fe 2 CP 8Ω

Professional

8" | 400 W

Code Z005112

- 2" 2" voice coil Kapton former
- DAR Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT Waterproof Cone Treatment
- BMF Balanced Ferrite Magnet Circuit with Aluminium Demodulating Ring
- VM Ventilated Magnet to reduce Power Compression
- 94.6 dB sensitivity
- Frequency Range 65-3000 Hz

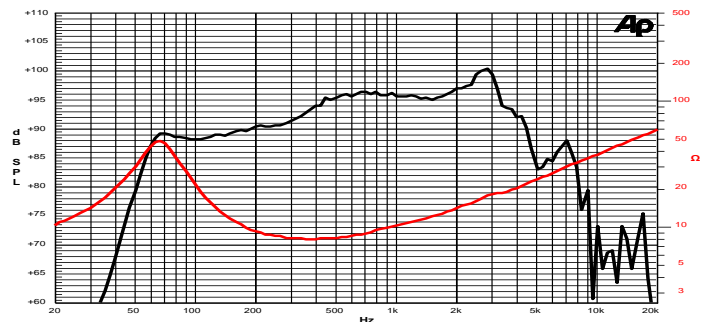


### General Specifications

Nominal Diameter	210 mm (8")	
Nominal Impedance	8 Ω	
Rated Power AES <sup>(1)</sup>	200 W	
Continuous Program Power <sup>(2)</sup>	400 W	
Sensitivity @ 1W/1m <sup>(3)</sup>	94.6 dB	
Voice Coil Diameter	50 mm (2")	
Voice Coil Winding Depth	14 mm	
Magnetic Gap Depth	8 mm	
Flux Density	1.20 T	
Magnet Weight	930 g	
Net Weight	2.8 kg	

### Thiele & Small Parameters<sup>(4)</sup>

$R_e$	6.1 Ω	$F_s$	67.0 Hz
$Q_{ms}$	2.27	$Q_{es}$	0.37
$Q_{ts}$	0.32	$M_{ms}$	21.7 g
$C_{ms}$	260 μm/N	$B_{xl}$	12.27 Tm
$V_{as}$	16.9 l	$S_d$	213.8 cm <sup>2</sup>
$X_{max}^{(5)}$	+/-4.5 mm	$X_{var}^{(6)}$	+/-7.0 mm
$\eta_0$	1.32 %	$L_e$ (1kHz)	0.78 mH



Frequency Response on 25 Lt @ 65 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### 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

### Mounting Information

Overall Diameter	210 mm
Baffle Cutout Diameter	184 mm
Mounting Holes	4 holes 5,5x7,5 on ø196 mm
Total Depth	93 mm

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. (2) Power on Continuous Program is defined as 3dB greater than the Rated Power. (3) Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. (4) Thiele & Small parameters measured with laser system after preconditioning test. (5) Measured with respect to a THD of 10%. (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.