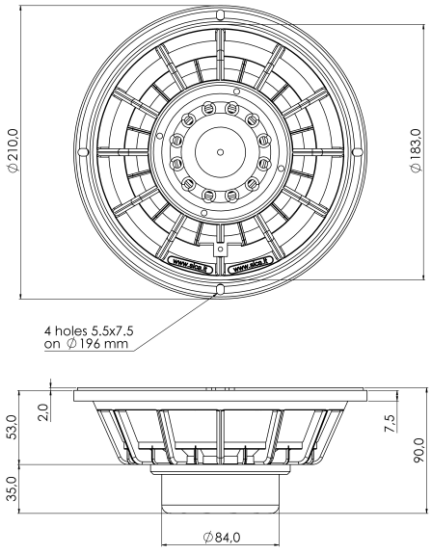
8 N 2,5 PL 8Ω

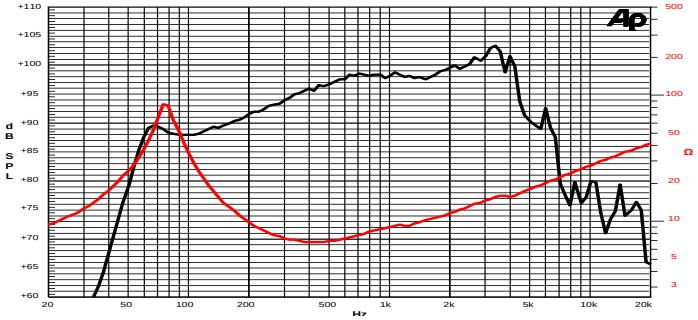
Professional

8" | 600 W

Code Z005200

- 2,5" voice coil Kapton former and Aluminium Winding
- PS — Konex Spider with Progressive Waves
- DAR — Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT — Waterproof Cone Treatment
- Neodymium Magnet Circuit
- VMVc — Ventilated Magnet and Voice Coil to reduce Power Compression
- 96.4 dB sensitivity
- Frequency Range 75-4000 Hz





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

General Specifications

Nominal Diameter	210 mm (8")
Nominal Impedance	8 Ω
Rated Power AES (1)	300 W
Continuous Program Power (2)	600 W
Sensitivity @ 1W/1m (3)	96.4 dB
Voice Coil Diameter	65 mm (2,5")
Voice Coil Winding Depth	13 mm
Magnetic Gap Depth	8 mm
Flux Density	1.22 T
Magnet Weight	220 g
Net Weight	1.8 kg

Thiele & Small Parameters (4)

Re	5.6 Ω	*Fs*	77.0 Hz
Qms	4.21	*Qes*	0.33
Qts	0.30	*Mms*	20.3 g
Cms	210 µm/N	*Bxl*	12.95 Tm
Vas	13.7 l	*Sd*	213.8 cm^2
X max (5)	+/-3.5 mm	*X var* (6)	+/-6.2 mm
η_0	1.83 %	*Le (1kHz)*	0.37 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Aluminium Die-Cast
Voice Coil Winding Material	Aluminium
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	90 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.