

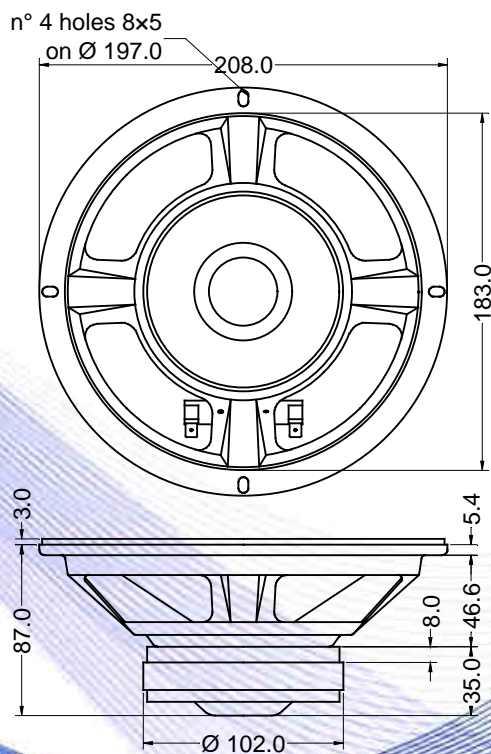
- 1.5" voice coil Kapton former
- Ferrite magnet circuit
- 90.2 dB sensitivity



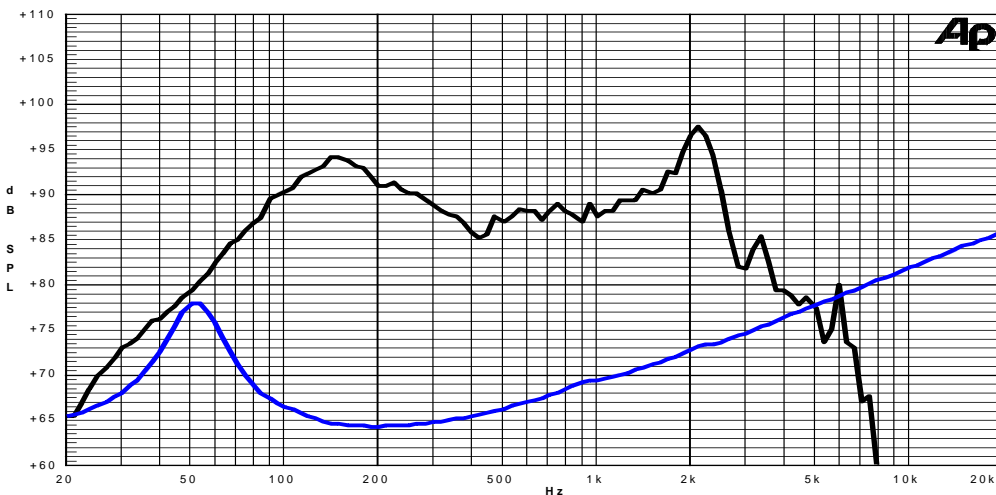
Specifications	
Nominal Diameter	208mm (8")
Nominal Impedance	4Ω
Rated Power AES ⁽¹⁾	80W
Continuous Program Power ⁽²⁾	160W
Sensitivity @ 1W/1m ⁽³⁾	90.2dB
Voice Coil Diameter	38mm (1.5")
Voice Coil Winding Depth	14mm
Magnetic Gap Depth	8mm
Flux Density	0.78T
Magnet Weight	426g
Net Weight	1.45kg

Thiele & Small Parameters ⁽⁴⁾			
Re	3.09Ω	Fs	50.9Hz
Qms	3.08	Qes	0.69
Qts	0.57	Mms	23.0g
Cms	424μm/N	Bxl	5.73Tm
Vas	27.5l	Sd	213.8cm ²
X max ⁽⁵⁾	+/-3.0mm	X var ⁽⁶⁾	+/-5.1mm
η ₀	0.50%	Le (1kHz)	0.60mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: No
Surround Material	: Rubber
Dust Dome Material	: Solid Paper



Frequency Response on IEC Baffle (DIN 45575) @ 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
 - 8: The notch around 400Hz on the frequency response is typical of the measurement on IEC baffle