

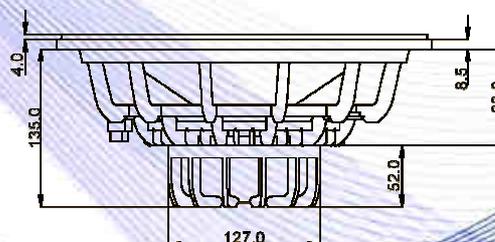
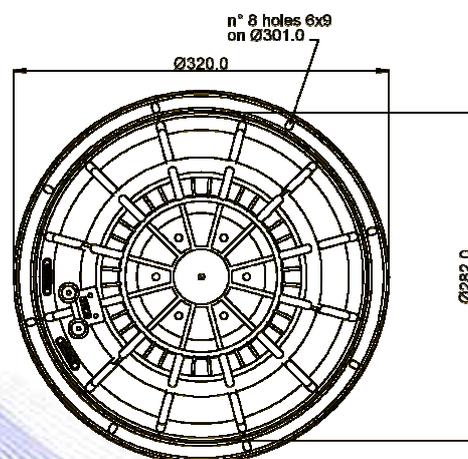
- 3" sandwich voice coil Kapton former and aluminium winding
- Progressive wave Konex spider DCS technology
- Cloth surround with DAR technology
- Autoclave waterproof cone treatment
- Neodymium magnet circuit with copper ring
- Ventilated magnet and voice coil to reduce power compression
- 96.6 dB sensitivity



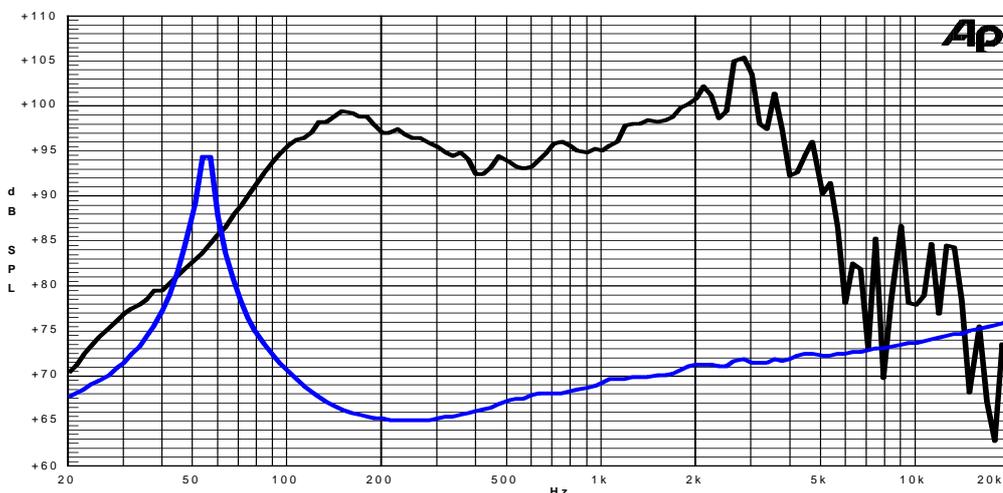
Specifications	
Nominal Diameter	320mm (12")
Nominal Impedance	4Ω
Rated Power AES ⁽¹⁾	350W
Continuous Program Power ⁽²⁾	700W
Sensitivity @ 1W/1m ⁽³⁾	96.6dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	19mm
Magnetic Gap Depth	10mm
Flux Density	1.21T
Magnet Weight	360g
Net Weight	3.1kg

Thiele & Small Parameters ⁽⁴⁾			
Re	3.19Ω	Fs	54.5Hz
Qms	11.71	Qes	0.39
Qts	0.37	Mms	62.4g
Cms	137μm/N	Bxl	13.27Tm
Vas	54.7l	Sd	530.9cm ²
X max ⁽⁵⁾	+/-5.0mm	X var ⁽⁶⁾	+/-8.5mm
η ₀	2.19%	Le (1kHz)	0.32mH

Constructive Characteristics	
Magnet	: Neodymium
Basket Material	: Aluminium Die-Cast
Voice Coil Winding Material	: Aluminium
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: Humidity Resistant Pulp
Surround Material	: Treated Cloth
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