

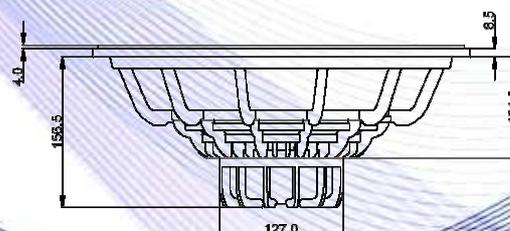
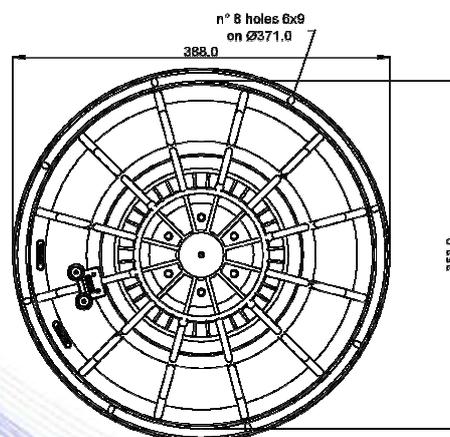
- 3" sandwich voice coil Kapton former.
- Progressive wave Konex spider.
- Cloth surround with DAR technology.
- Autoclave waterproof cone treatment.
- Balanced neodymium magnet circuit with copper ring.
- Ventilated magnet and voice coil to reduce power compression.
- 100.1 dB sensitivity.



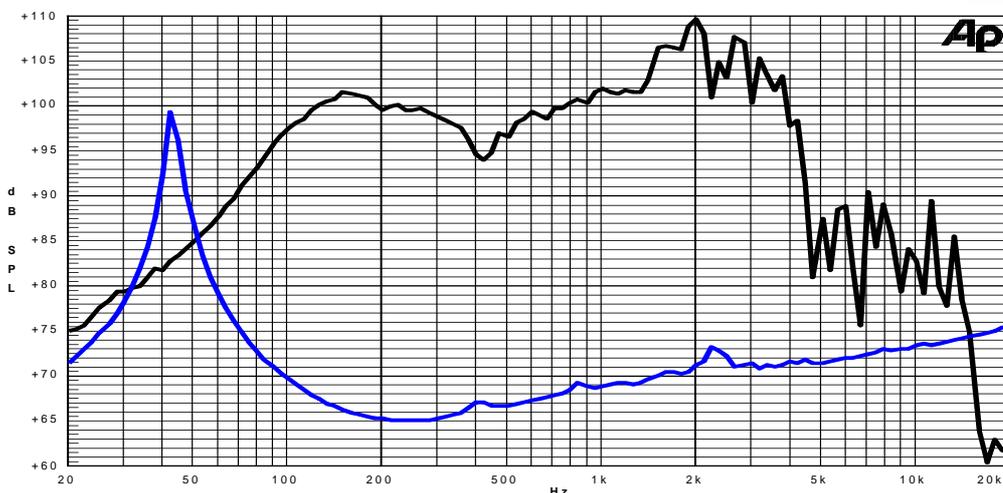
Specifications	
Nominal Diameter	388mm (15")
Nominal Impedance	4Ω
Rated Power AES ⁽¹⁾	350W
Continuous Program Power ⁽²⁾	700W
Sensitivity @ 1W/1m ⁽³⁾	100.1 dB
Voice Coil Diameter	75mm (3")
Voice Coil Winding Depth	18mm
Magnetic Gap Depth	10mm
Flux Density	1.42T
Magnet Weight	560g
Net Weight	4.0kg

Thiele & Small Parameters ⁽⁴⁾			
Re	3.15Ω	Fs	42.1Hz
Qms	10.90	Qes	0.27
Qts	0.26	Mms	81.0g
Cms	176μm/N	Bxl	15.88Tm
Vas	182.6l	Sd	855.3cm ²
X max ⁽⁵⁾	+/-5.2mm	X var ⁽⁶⁾	+/-9.2mm
η ₀	4.89%	Le (1kHz)	0.27mH

Costructive 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