

- LF 3" voice coil aluminium wire
- HF titanium dome 1.7" voice coil flat aluminium wire
- Cloth surround with DAR technology
- Waterproof cone treatment
- 60° x 40° coverage horn
- 97.9 dB sensitivity

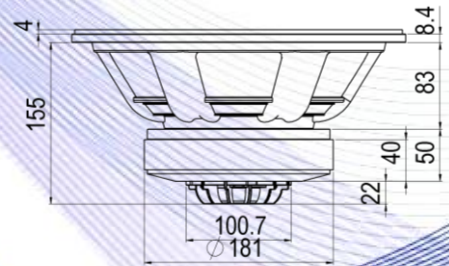
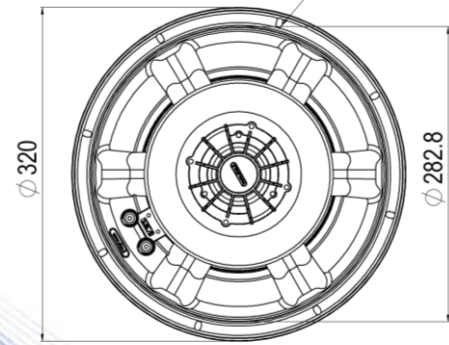


Specifications	LF unit	HF unit
Nominal Diameter	321mm (12")	
Nominal Impedance	8Ω	8Ω
Rated Power AES ⁽¹⁾	350W	60W
Continuous Program Power ⁽²⁾	700W	120W
Sensitivity @ 1W/1m ⁽³⁾	97.9dB	106.2dB
Voice Coil Diameter	75mm (3")	44mm (1,7")
Voice Coil Winding Depth	15mm	2.6mm
Magnetic Gap Depth	10mm	3mm
HF Recomm. Crossover Frequency		1.6kHz
Magnet Weight	2700g	
Net Weight	8.3kg	

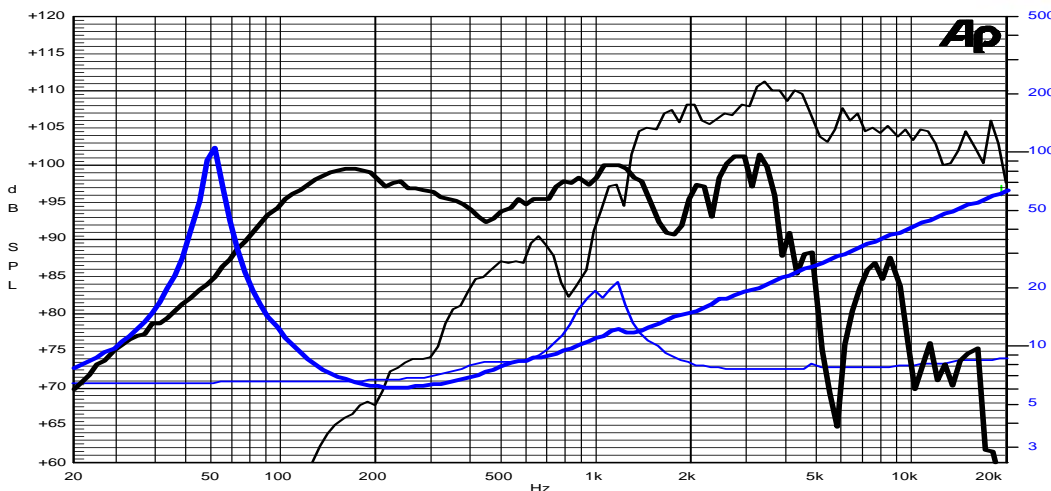
Thiele & Small Parameters ⁽⁴⁾			
Re (LF)	5.00Ω	Fs (LF)	52.3Hz
Re (HF)	6.00Ω	Fs (HF)	1100.0Hz
Qms	7.95	Qes	0.41
Qts	0.39	Mms	54.2g
Cms	171μm/N	Bxl	14.81Tm
Vas	69.4l	Sd	530.9cm ²
X max ⁽⁵⁾	+/-4.0mm	X var ⁽⁶⁾	+/-7.0mm
η ₀	2.32%	Le (1kHz)	1.02mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Aluminium Die-Cast
LF Voice Coil Winding/Former Material	: Aluminium / Kapton
HF Voice Coil Winding/Former Material	: Aluminium Flat Wire / Kapton
LF Cone Material	: Paper
HF Dome Material	: Titanium
Surround Material	: Treated Cloth
HF Spare Part Code	: Z009395

8 holes 6.0 x 9.0 mm
on Ø301.0 mm

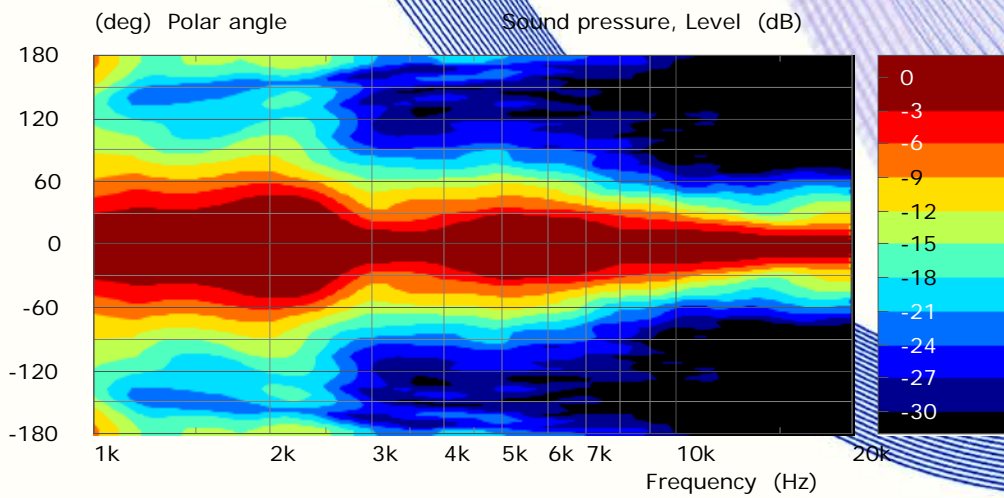
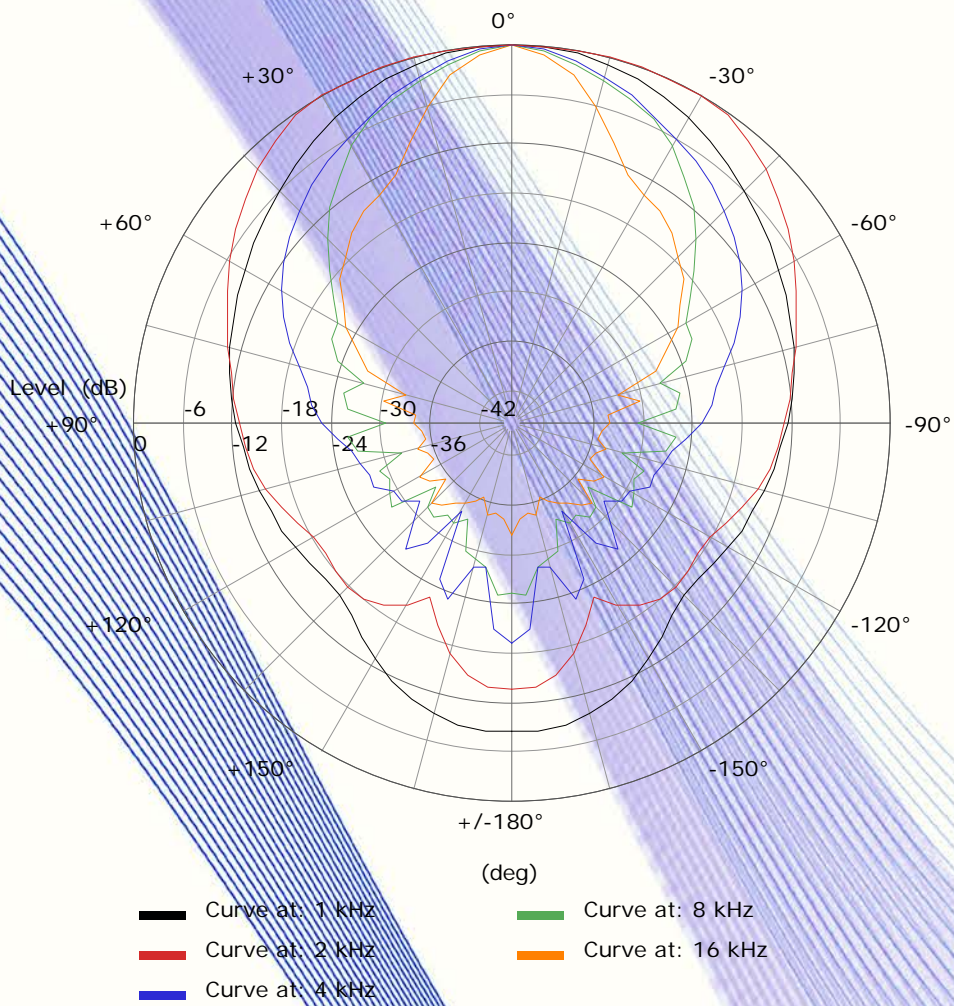


Frequency Response on IEC Baffle (DIN 45575) @ 1W,1m – Free Air Impedance



Note:
 1 : Rated Power measured with 2 hours test with pink noise signal, 6dB crest factor, loudspeaker mounted on enclosure (HF range 1500 - 20000Hz)
 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

Z007996 - Vertical Directivity



Z007996 - Horizontal Directivity

