

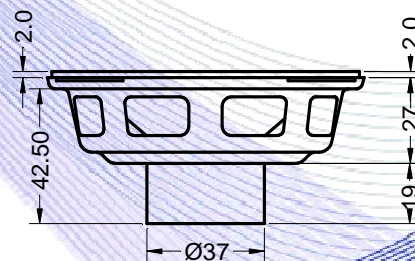
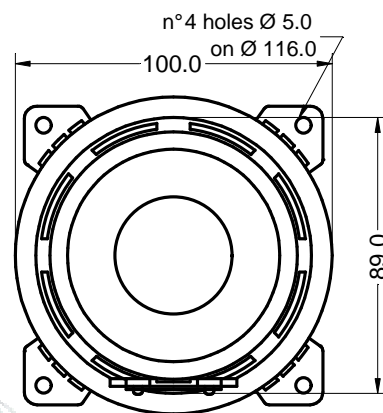
- 1" sandwich voice coil
- Balanced neodymium magnet circuit
- Cone waterproof treatment
- 86.4 dB sensitivity



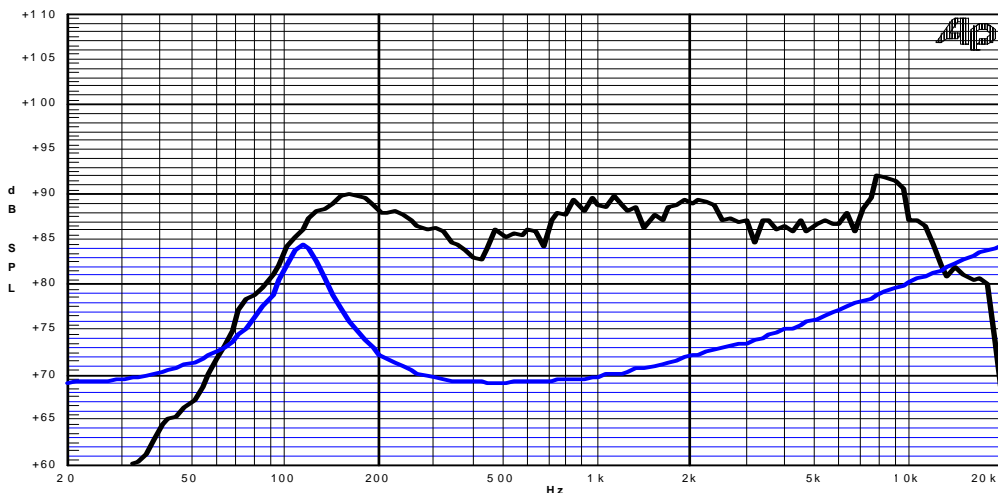
Specifications	
Nominal Diameter	102mm (4")
Nominal Impedance	8Ω
Rated Power AES ⁽¹⁾	50W
Continuous Program Power ⁽²⁾	100W
Sensitivity @ 1W/1m ⁽³⁾	86.4dB
Voice Coil Diameter	25mm (1")
Voice Coil Winding Depth	9mm
Magnetic Gap Depth	5mm
Flux Density	0.99T
Magnet Weight	15g
Net Weight	0.2kg

Thiele & Small Parameters ⁽⁴⁾			
Re	6.00Ω	Fs	111.0Hz
Qms	3.47	Qes	0.77
Qts	0.63	Mms	5.0g
Cms	407μm/N	Bxl	5.19Tm
Vas	1.1l	Sd	44.2cm ²
X max ⁽⁵⁾	+/-2.4mm	X var ⁽⁶⁾	+/-4.0mm
η ₀	0.19%	Le (1kHz)	0.37mH

Costructive Characteristics	
Magnet	: Neodymium
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Epotex
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
Surround Material	: Rubber
Dust Dome Material	: Polypropylene Ogive



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