5" 120W

Code Z002400

5 D 1 CS 8Ω

Dual Cone Loudspeaker

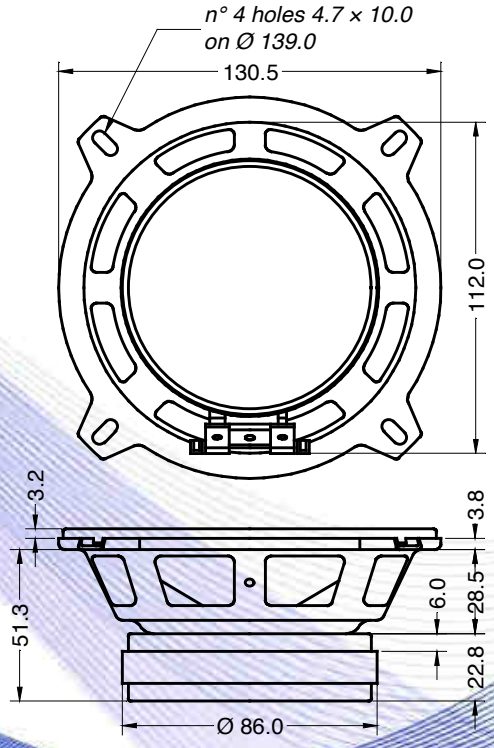
- 1” voice coil Epotex former
- Ferrite magnet circuit with copper ring
- Dual cone
- 89.8 dB sensitivity



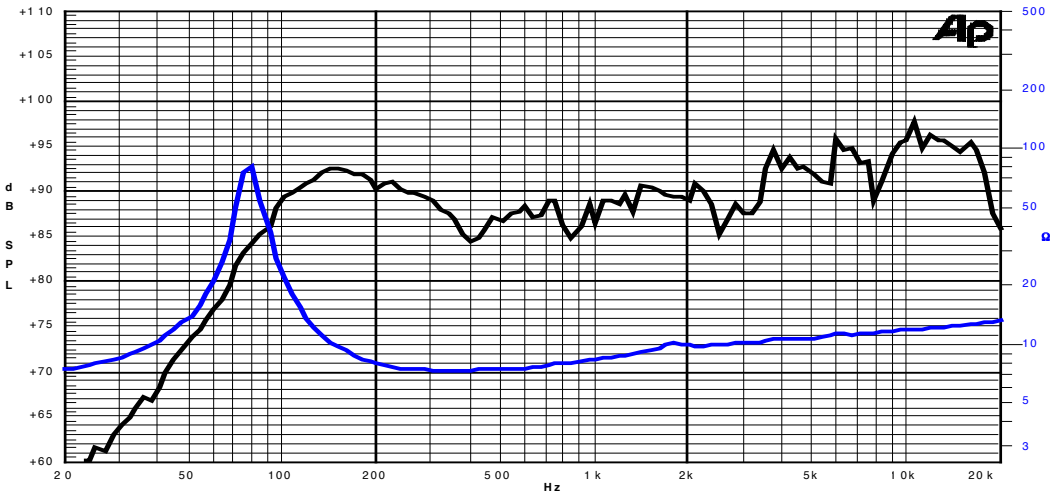
Specifications	
Nominal Diameter	129mm (5")
Nominal Impedance	8Ω
Rated Power AES (1)	60W
Continuous Program Power (2)	120W
Sensitivity @ 1W/1m (3)	89.8dB
Voice Coil Diameter	25mm (1")
Voice Coil Winding Depth	8mm
Magnetic Gap Depth	6mm
Flux Density	0.95T
Magnet Weight	280g
Net Weight	0.9kg

Thiele & Small Parameters (4)			
Re	6.00Ω	Fs	81.0Hz
Qms	7.58	Qes	0.62
Qts	0.57	Mms	6.3g
Cms	611μm/N	Bxl	5.60Tm
Vas	5.3l	Sd	78.5cm²
X max (5)	+/-2.5mm	X var (6)	+/-4.0mm
η_0	0.44%	Le (1kHz)	0.33mH

Constructive Characteristics	
Magnet	: Ferrite
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Epotex
Cone Material	: Paper
Cone Treatment	: No
Surround Material	: Foam
Dust Dome Material	: Non Treated Cloth



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

Due to continuing product improvement, the features and the design are subject to change without notice. 10/10/12

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