2,5" 30W

Code Z000855

2,5 H 0,8 SL 8Ω

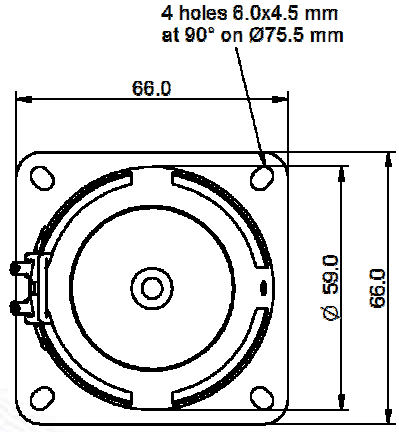
Studio Monitor Speaker

- 0.8” voice coil Kapton former.
- Waterproof cone treatment.
- Neodymium magnet circuit.
- Ventilated magnet to reduce power compression.
- 85.7 dB sensitivity.

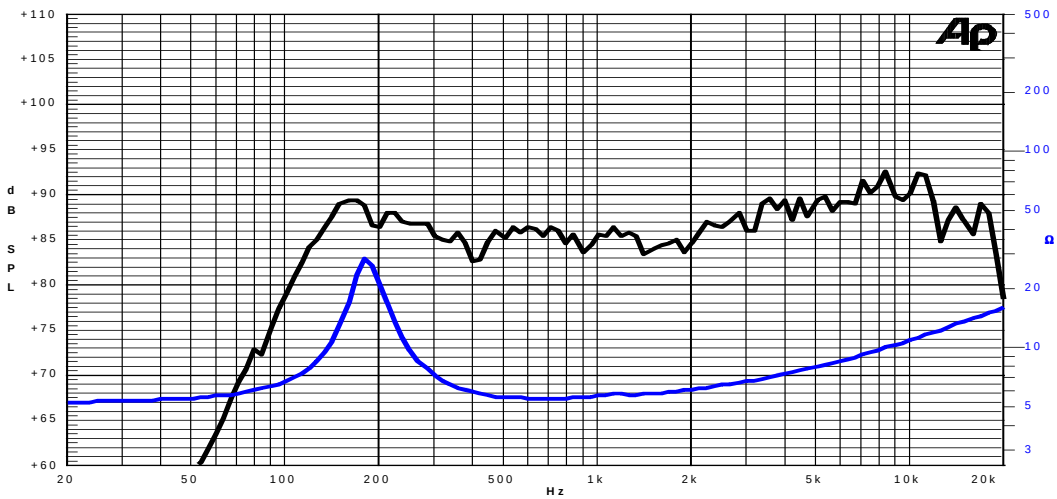
Specifications	
Nominal Diameter	66x66mm (2,5")
Nominal Impedance	8Ω
Rated Power AES (1)	15W
Continuous Program Power (2)	30W
Sensitivity @ 1W/1m (3)	85.7dB
Voice Coil Diameter	20mm (0,8")
Voice Coil Winding Depth	5mm
Magnetic Gap Depth	3mm
Flux Density	1.30T
Magnet Weight	16g
Net Weight	0.13kg

Thiele & Small Parameters (4)			
Re	4.80Ω	Fs	198.6Hz
Qms	6.31	Qes	1.18
Qts	1.00	Mms	1.5g
Cms	422µm/N	Bxl	2.76Tm
Vas	0.2l	Sd	18.9cm^2
X max(5)	+/-1.3mm	X var (6)	+/-2.6mm
η_0	0.13%	Le (1kHz)	0.12mH

Constructive Characteristics	
Magnet	: Neodymium
Basket Material	: Pressed Sheet Steel
Voice Coil Winding Material	: Copper
Voice Coil Former Material	: Kapton
Cone Material	: Paper
Cone Treatment	: Surface Waterproof Treatment
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

Due to continuing product improvement, the features and the design are subject to change without notice. 29/01/13

SICA Altoparlanti s.r.l. - ITALY – website: www.sica.it - E-mail: lab@sica.it - Tel. +39-071-7958072 - Fax +39-071-7959006