

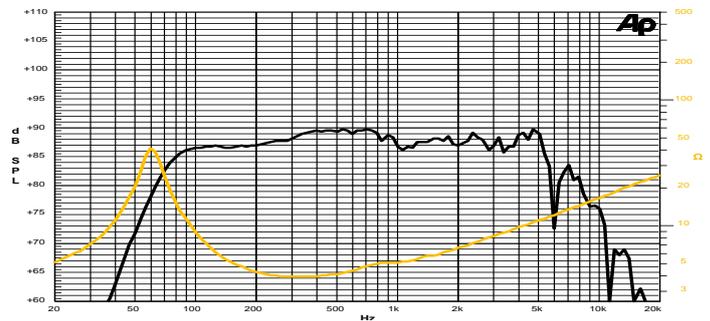
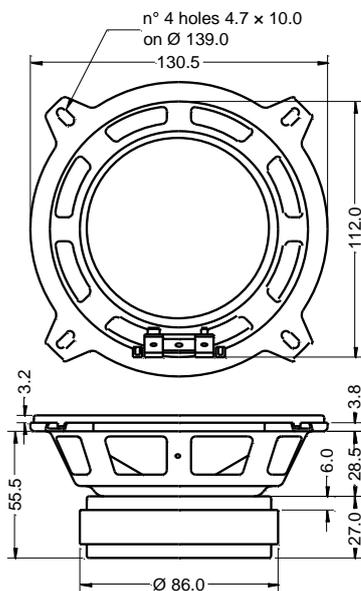
## 5 H 1 CS 4Ω

5" | 140 W

Code Z002417C

Studio Monitor

- 1" voice coil Kapton former
- Rubber surround
- Ferrite Magnet Circuit
- Ventilated Voice Coil to reduce Power Compression
- 89.6 dB sensitivity
- Frequency Range 60-5000 Hz



Frequency Response on 10 Lt @ 75 Hz Vented Box @ 1W, 1m  
Free Air Impedance

### General Specifications

Nominal Diameter	129 mm (5")
Nominal Impedance	4 Ω
Rated Power AES <sup>(1)</sup>	70 W
Continuous Program Power <sup>(2)</sup>	140 W
Sensitivity @ 1W/1m <sup>(3)</sup>	89.6 dB
Voice Coil Diameter	25 mm (1")
Voice Coil Winding Depth	13 mm
Magnetic Gap Depth	6 mm
Flux Density	1.10 T
Magnet Weight	380 g
Net Weight	1.0 kg

### Thiele & Small Parameters <sup>(4)</sup>

Re	3.0 Ω	Fs	63.3 Hz
Qms	4.70	Qes	0.38
Qts	0.35	Mms	8.7 g
Cms	723 μm/N	Bxl	5.26 Tm
Vas	6.3 l	Sd	78.5 cm <sup>2</sup>
X max <sup>(5)</sup>	+/-2.5 mm	X var <sup>(6)</sup>	+/-3.5 mm
η <sub>0</sub>	0.41 %	Le (1kHz)	0.27 mH

### Constructive Characteristics

Magnet	Ferrite
Basket Material	Pressed Sheet Steel
Voice Coil Winding Material	Copper
Voice Coil Former Material	Kapton
Cone Material	PolyPropylene
Cone Treatment	No
Surround Material	Rubber
Dust Dome Material	Treated Cloth

### Mounting Information

Overall Diameter	130,5 mm
Baffle Cutout Diameter	113 mm
Mounting Holes	4 holes 4,7x10 on ø139 mm
Total Depth	62.5 mm

(1) Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. (2) Power on Continuous Program is defined as 3dB greater than the Rated Power. (3) Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. (4) Thiele & Small parameters measured with laser system after preconditioning test. (5) Measured with respect to a THD of 10%. (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.