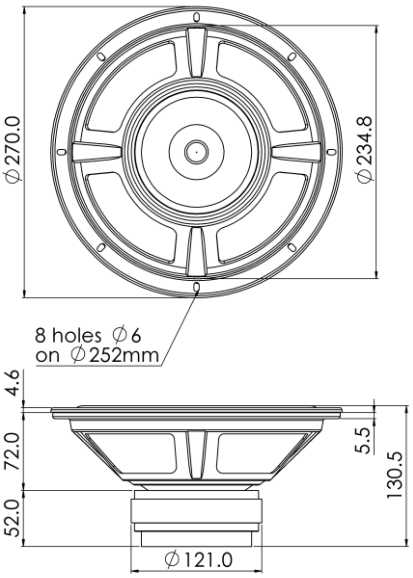
10 H 2 CS 4Ω

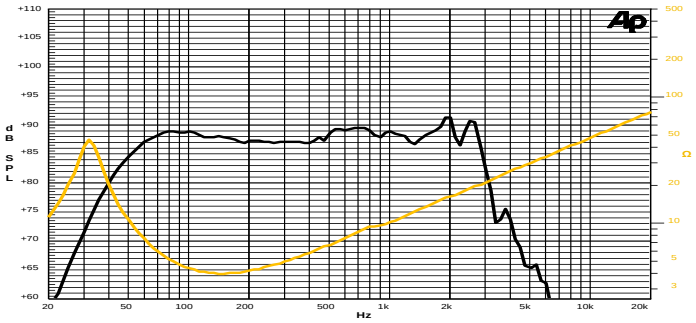
Studio Monitor

10" | 400 W

Code Z006721

- 2" voice coil Kapton former
- Rubber surround
- DT — Damping Cone Treatment
- Ferrite Magnet Circuit
- VM — Ventilated Magnet to reduce Power Compression
- 91.3 dB sensitivity
- Frequency Range 30-2500 Hz





Frequency Response on35 Lt @ 40 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications

Nominal Diameter	266 mm (10")
Nominal Impedance	4 Ω
Rated Power AES (1)	200 W
Continuous Program Power (2)	400 W
Sensitivity @ 1W/1m (3)	91.3 dB
Voice Coil Diameter	50 mm (2")
Voice Coil Winding Depth	19 mm
Magnetic Gap Depth	8 mm
Flux Density	0.87 T
Magnet Weight	1356 g
Net Weight	3.5 kg

Thiele & Small Parameters (4)

Re	3.2 Ω	*Fs*	31.7 Hz
Qms	4.84	*Qes*	0.34
Qts	0.32	*Mms*	57.1 g
Cms	440 µm/N	*Bxl*	10.31 Tm
Vas	71.9 l	*Sd*	339.8 cm^2
X max (5)	+/-6.0 mm	*X var* (6)	+/-8.0 mm
η_0	0.64 %	*Le (1kHz)*	0.92 mH

Constructive Characteristics

Magnet	Ferrite
Basket Material	Pressed Sheet Steel
Voice Coil Winding Material	Copper
Voice Coil Former Material	Kapton
Cone Material	Paper
Cone Treatment	Surface Damping Treatment
Surround Material	Rubber
Dust Dome Material	Solid Paper

Mounting Information

Overall Diameter	270 mm
Baffle Cutout Diameter	237 mm
Mounting Holes	8 holes ø6 on ø252 mm
Total Depth	130.5 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.

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

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