

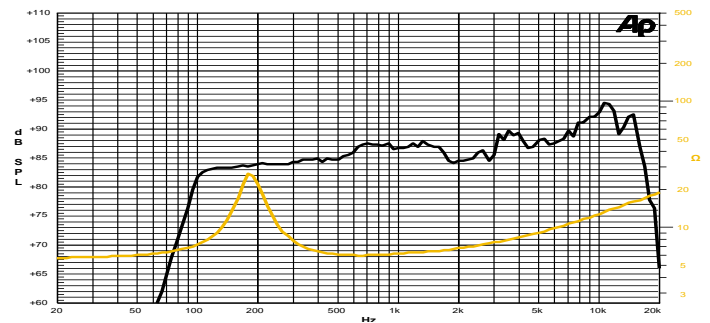
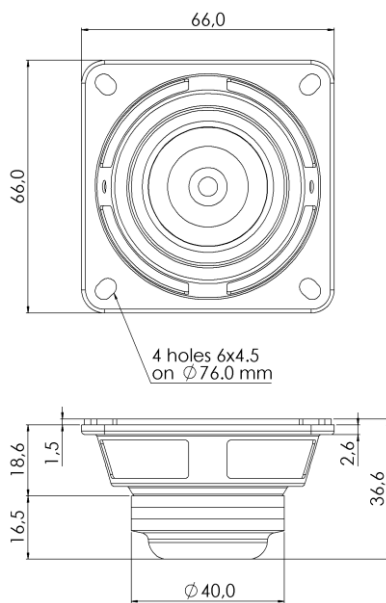
2,5 H 0,8 SL 8Ω

2,5" | 40 W

Code Z000855

Studio Monitor

- 0,8" voice coil Kapton former
- DT Damping Cone Treatment
- Neodymium Magnet Circuit
- VM Ventilated Magnet to reduce Power Compression
- 85.6 dB sensitivity
- Frequency Range 180-20000 Hz



Frequency Response on 5.5 Lt @ 110 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications

Nominal Diameter	66x66 mm (2.5")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	20 W
Continuous Program Power ⁽²⁾	40 W
Sensitivity @ 1W/1m ⁽³⁾	85.6 dB
Voice Coil Diameter	20 mm (0.8")
Voice Coil Winding Depth	5 mm
Magnetic Gap Depth	3 mm
Flux Density	1.30 T
Magnet Weight	16 g
Net Weight	0.1 kg

Thiele & Small Parameters ⁽⁴⁾

Re	5.0 Ω	Fs	185.0 Hz
Qms	5.23	Qes	1.11
Qts	0.92	Mms	1.5 g
Cms	493 μm/N	Bxl	2.80 Tm
Vas	0.2 l	Sd	18.9 cm ²
X max ⁽⁵⁾	+/-1.3 mm	X var ⁽⁶⁾	+/-2.6 mm
ηo	1.14 %	Le (1kHz)	0.12 mH

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 Damping Treatment
Surround Material	Treated Cloth
Dust Dome Material	Solid Paper

Mounting Information

Overall Dimensions	66x66 mm
Baffle Cutout Diameter	61 mm
Mounting Holes	4 holes 4,5x6 on ø75,5 mm
Total Depth	36.6 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.