

2 H 0,8 SL 8Ω

2" | 40 W

Code Z000795

Studio Monitor

0,8" voice coil Kapton former and Aluminium Winding

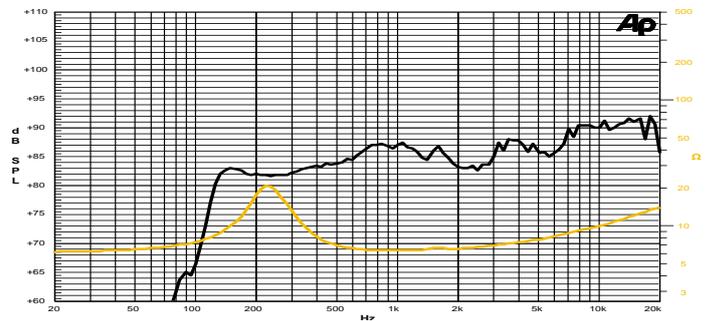
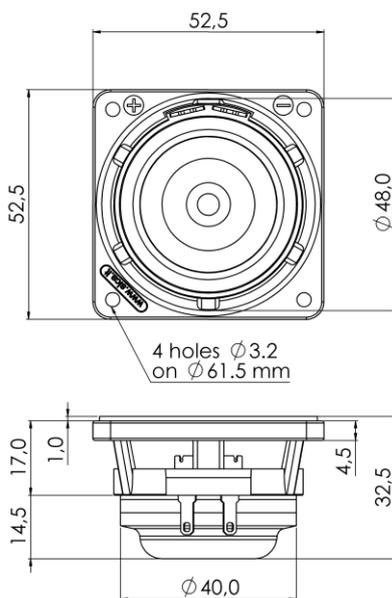
DT Damping Cone Treatment

Neodymium Magnet Circuit

VM Ventilated Magnet to reduce Power Compression

84.1 dB sensitivity

Frequency Range 200-20000 Hz



General Specifications

Nominal Diameter	53x53 mm (2")
Nominal Impedance	8 Ω
Rated Power AES ⁽¹⁾	20 W
Continuous Program Power ⁽²⁾	40 W
Sensitivity @ 1W/1m ⁽³⁾	84.1 dB
Voice Coil Diameter	20 mm (0,8")
Voice Coil Winding Depth	4 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	5.5 Ω	Fs	216.0 Hz
Qms	2.75	Qes	1.00
Qts	0.81	Mms	0.9 g
Cms	603 μm/N	Bxl	2.60 Tm
Vas	0.11	Sd	11.3 cm ²
X max ⁽⁵⁾	+/-1.4 mm	X var ⁽⁶⁾	+/-2.7 mm
η _o	0.11 %	Le (1kHz)	0.20 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Nylon Fiberglass Doped
Voice Coil Winding Material	Aluminium
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	52.5x52.5 mm
Baffle Cutout Diameter	48 mm
Mounting Holes	4 holes ø3,2 on ø61,5 mm
Total Depth	32.5 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.