

2" - Midrange Dome

Studio Range

Applications: Midrange in Studio Monitors

- Short Horn Design
- Smooth Frequency Response
- FEA Designed Magnet System
- 52mm Soft Fabric Dome
- Wide Dispersion
- Net Weight: 2.2 Kgs



The VM527 is a 2" (52mm) soft midrange dome unit which has been designed for a smooth extended response with minimal colouration and low distortion over the critical midband frequencies. The coated one piece fabric dome/surround is coupled with a lightweight Kapton, single layer, round wire copper voice coil for accurate transient response. An a FEA designed magnet system ensures linear coil movement even at high power levels. The magnet system develops high magnetic flux density due to its precise gap clearance enabling excellent heat dissipation for high power handling and efficiency. Wide dispersion is controlled by the short, optimally angled front mounted horn flare which also incorporates the threaded fixing points for rear mounting. The connection is by 4.8mm spade terminals allowing soldering or push on receptacles.

Specifications

Nominal Diameter	140 mm
Power Rating	75 Watt (AES)
Frequency Range	500 - 5000Hz
Nominal Impedance	8 ohms
Voice Coil Diameter	52 mm
Voice Coil Height	6 mm
Voice Coil Layers	1
Magnet Gap Height	8 mm
Linear Excursion (XMax)	±1 mm
Maximum Excursion	2 mm
Volume Displacement	0.5 Litres
Connection	4.8 Solder Terminals
Chassis	Machined Aluminium

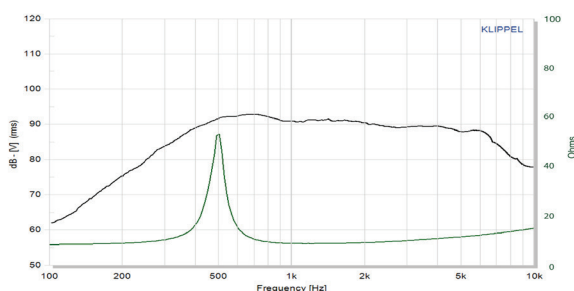
Thiele-Small Parameters

Fs	500 Hz
Re	5.5 Ω
Sd	28.27 cm ²
Qms	0.00
Qes	0.00
Qts	0.00
Cms	0.00 mm/N
Mms	00.00 g
Rms	0.00 Ωm
Bl	00.0 N/A
Sensitivity (1w / 1m)	91 dB
VAS	00.0 L
Le	0.00 mH

Mounting Information

Overall Diameter	140mm
Fixing Bolt Diameter	124.5 mm
Fixing Holes	4 x M5
Rear Mount Cut-out Diameter	110 mm
Suggested Rebate Depth	18 mm
Total Depth	58 mm
Weight	2.2 Kgs

Response Curve



Dimensions

