

KEY FEATURES:

- ▶ 360 W continuous program power handling
- ▶ 93.5dB Sensitivity 1w/1m
- ▶ 48Hz ~ 3.2kHz frequency response range
- ▶ 50mm(2 in) copper voice coil with fiberglass former
- ▶ M-roll surround and exponential cone geometry
- ▶ Ideal for compact 2-way systems

主要特征:

- ▶ 额定功率: 180W (AES标准)
- ▶ 高输出—灵敏度为 93.5dB
- ▶ 频率响应范围: 48Hz~3.2k Hz
- ▶ 50mm Cu线音圈, 玻璃纤维骨架
- ▶ M形布边, 指数形纸盆
- ▶ 适用于紧凑式2音路系统

SPECIFICATIONS

General Specifications

Nominal Diameter	250/10	mm/inch
Rated Impedance	8	ohm
Nominal Power handling ¹	180	Watts
Program Power ²	360	Watts
Sensitivity(1w/1m) ³	93.5	dB
Frequency Range ⁴	48 - 3.2k	Hz
Minimum Impedance(Zmin)	7	ohm
Voice Coil Diameter	50/2	mm/inch
Voice Coil Material	Copper	
Voice Coil Winding Depth	16	mm
Number of layers	2	
Magnet gap depth	8	mm
Cone Shape	Curved	
Surround Shape	M-roll	
Basket	Pressed Steel	
Flux Density	1.0	T
Magnet Material/Mass	Ceramic/1.18	kg

Thiele - Small Parameters

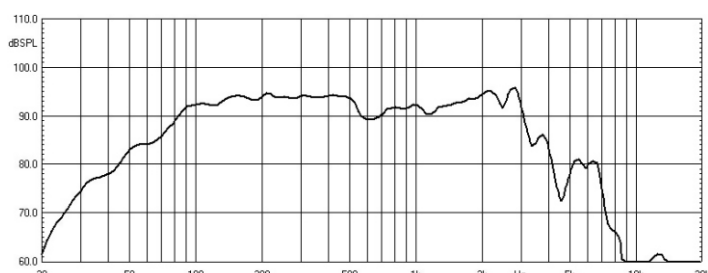
Resonance frequency	Fs	48.5	Hz
DC resistance	Re	6.4	ohm
Mechanical factor	Qms	3.14	
Electrical factor	Qes	0.41	
Total factor	Qts	0.36	
Mechanical compliance	Cms	0.35	mm/N
Mechanical resistance			
of suspension losses	Rms	2.99	mech-ohm
Effective Moving Mass	Mms	30.8	gr
Half-space efficiency	Eff	1.6	%
BL Factor	BL	12.2	T.m
Equivalent Cas air load	Vas	60	liters
Effective piston area	Sd	0.035	m ²
Max. linear excursion ⁵	Xmax	6	mm
Voice - coil inductance	Le1K	1.05	mH

Mounting Information

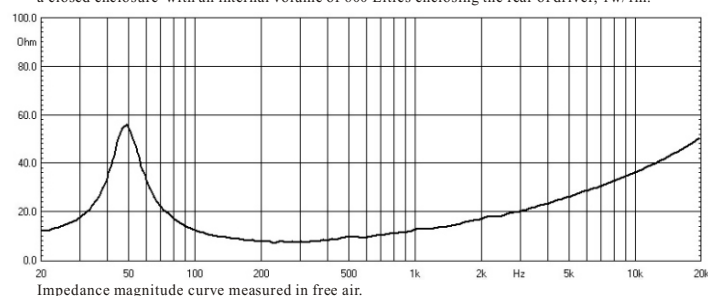
Overall Diameter	256.5	mm
Bolt Circle Diameter	235	mm
Bolt Hole Diameter	4.8*6.3	mm
Baffle Cutout Diameter	235	mm
Overall Depth	110.5	mm
Net Weight	3.5	kg

NOTES:

1. AES standard(50~500Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 200Hz and 1000Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maximum linear excursion is calculated as: $(Hvc-Hg)/2+Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.



Frequency response curve of the loudspeaker taken in free-field(4pi) environment and mounted in a closed enclosure with an internal volume of 600 Litres enclosing the rear of driver, 1w/1m.



Impedance magnitude curve measured in free air.