

KEY FEATURES:

- ▶ 180 W continuous program power handling
- ▶ 90dB Sensitivity 1w/1m
- ▶ 44Hz ~ 4.0kHz frequency response range
- ▶ Additional anti magnet for improved efficiency
- ▶ 35mm(1.4 in) copper voice coil
- ▶ Ideal for KTV woofer application

主要特征:

- ▶ 额定功率：90W（IEC标准）
- ▶ 灵敏度为 90dB
- ▶ 非常宽的频率响应范围：44Hz~4k Hz
- ▶ 提高灵敏度的副磁应用
- ▶ 35mm 音圈
- ▶ 适用于KTV系统

SPECIFICATIONS

General Specifications

Nominal Diameter	200/8	mm/inch
Rated Impedance	8	ohm
Nominal Power handling ¹	90	Watts
Program Power ²	180	Watts
Sensitivity(1w/1m) ³	90	dB
Frequency Range ⁴	44 - 4.0k	Hz
Minimum Impedance(Zmin)	6.4	ohm
Voice Coil Diameter	35/1.4	mm/inch
Voice Coil Material	Copper	
Voice Coil Winding Depth	13	mm
Number of layers	4	
Magnet gap depth	6	mm
Cone Shape	Curved	
Surround Material	Foam	
Basket	Pressed Steel	
Main Magnet Material/Mass	Ceramic/0.49	kg

Thiele - Small Parameters

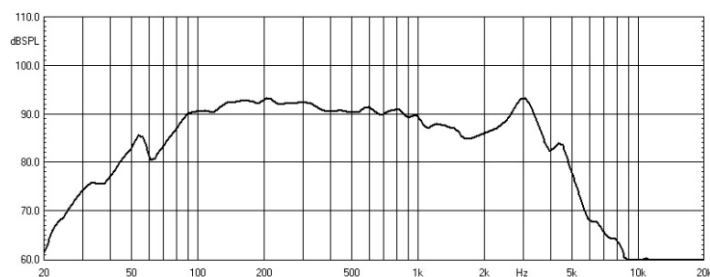
Resonance frequency	Fs	44.7	Hz
DC resistance	Re	5.6	ohm
Mechanical factor	Qms	4.7	
Electrical factor	Qes	0.37	
Total factor	Qts	0.34	
Mechanical compliance	Cms	0.54	mm/N
Mechanical resistance			
of suspension losses	Rms	1.4	mech-ohm
Effective Moving Mass	Mms	23.6	gr
Half-space efficiency	Eff	0.79	%
BL Factor	BL	10.0	T.m
Equivalent Cas air load	Vas	34.4	liters
Effective piston area	Sd	0.0214	m ²
Max. linear excursion ⁵	Xmax	5	mm
Voice - coil inductance	Le1K	1.61	mH

Mounting Information

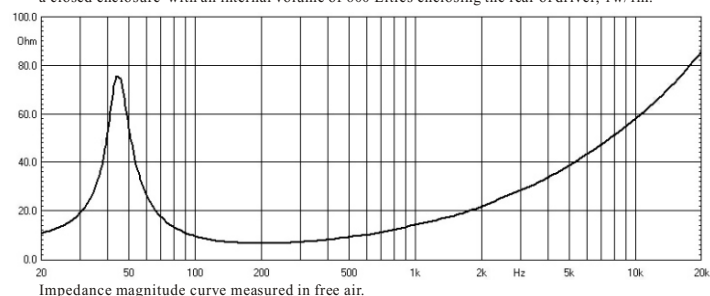
Overall Diameter	205	mm
Bolt Circle Diameter	194	mm
Bolt Hole Diameter	4.9*6.7	mm
Baffle Cutout Diameter	184	mm
Overall Depth	105.5	mm
Net Weight	1.9	kg

NOTES:

1. IEC60268-5 standard
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 100Hz 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.