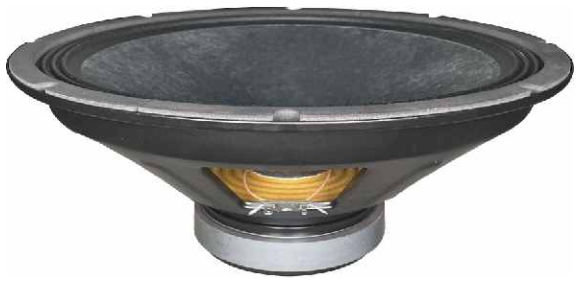
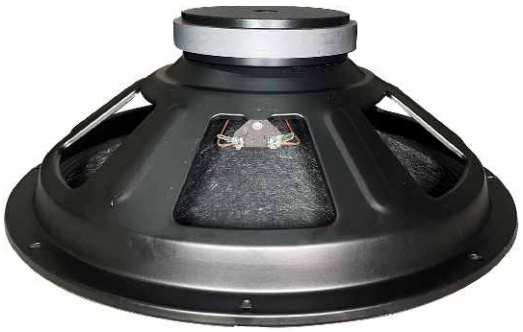
PAI5-50/4ohm

☀ 15 inch ☀ 250 Watts
☀ 96.5 dB ☀ 44 ~ 2900 Hz





KEY FEATURES:

① 500 W continuous program power capacity
② 96.5dB Sensitivity 1w/1m
③ 44 ~ 2900Hz frequency response range
④ High temperature copper wire wounded on polyimide former
⑤ Long glassfiber impregnated cone to provide outstanding reliability and performance
⑥ Ideal for compact 2-way systems

GENERAL SPECIFICATIONS

Nominal Diameter	380mm /15inch
Rated Impedance	4 ohm
Nominal Power handling[1]	250 Watts
Program Power[2]	500 Watts
Sensitivity(1w/1m)[3]	96.5 dB
Frequency Range[4]	44 ~ 2900Hz
Minimum Impedance(Zmin)	4.3 ohm
Voice Coil Diameter	50mm /2inch
Voice Coil Material	Copper
Former Material	Polyimide
Voice Coil Winding Depth	15 mm
Number of layers	2
Magnet gap depth	8 mm
Basket	Pressed Steel
Flux Density	1.1T
Magnet Outer Diameter / Wgt	145mm / 42 oz

THIELE – SMALL PARAMETERS[5]

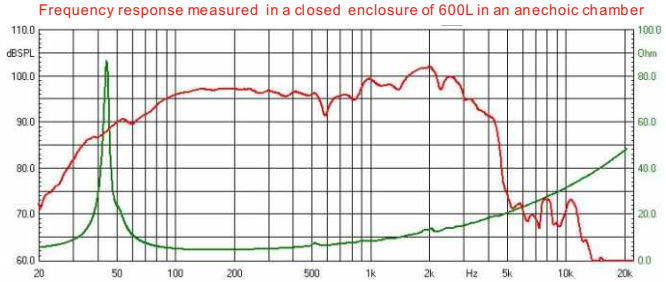
Resonance frequency	Fs	44.5 Hz
DC resistance	Re	3.6 ohm
Mechanical factor	Qms	12
Electrical factor	Qes	0.52
Total factor	Qts	0.50
Mechanical compliance	Cms	0.17 mm/N
Mechanical resistance of suspension losses	Rms	1.72 mech-ohm
Effective Moving Mass	Mms	75 g
Half-space efficiency	Eff	2.8%
BL Factor	BL	11.9 T.m
Equivalent Cas air load	Vas	177 liters
Effective piston area	Sd	0.0860 m^2
Max. linear excursion[6]	Xmax	5 mm
Voice coil inductance	Le1K	0.8 mH
Efficiency Bandwidth Product	EBP	85

MOUNTING INFORMATION

Overall Diameter	387 mm
Bolt Circle Diameter	373 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	355 mm
Overall Depth	152 mm
Net Weight	3.8 kg
Shipping Weight	4.8 kg
Shipping Box	420x420x2 05mm

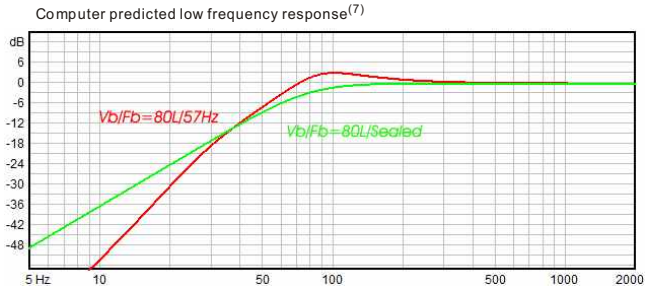
Also available in 8ohm,data upon request.

Frequency response measured in a closed enclosure of 600L in an anechoic chamber



Impedance magnitude curve measured in free air

Computer predicted low frequency response[7]



Vb/Fb = 80L/57Hz Vb/Fb = 80L/Sealed

NOTES:

1. AES standard
2. Program Power is defined as 3dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis.
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. T/S parameters measured with laser system without preconditioning test.
6. 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.
7. Vb: Net internal volume of box after subtracting the volume of internal objects.