

M5118/2

Code:19122

☀ 18 inch ☀ 750 Watts
☀ 97 dB ☀ 36 ~ 1000 Hz



KEY FEATURES:

- ① 1500 W continuous program power capacity
- ② 97dB Sensitivity 1w/1m
- ③ 36Hz ~1000Hz frequency response range
- ④ 100mm(4") inside/outside copper voice coil
- ⑤ Vented back plate increases airflow to provide enhanced cooling
- ⑥ Both side waterproof cone treatment
- ⑦ Ideal for compact bass-reflex subwoofer application

GENERAL SPECIFICATIONS

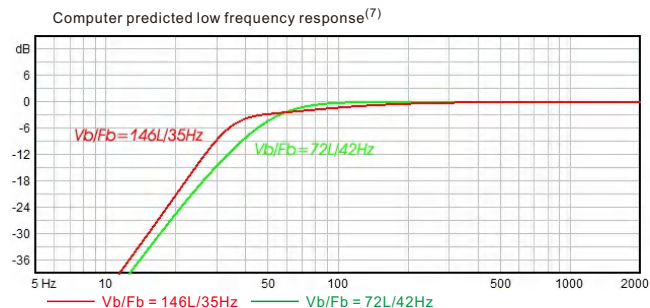
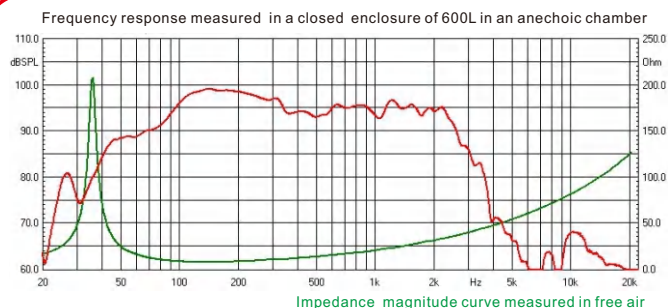
Nominal Diameter	460mm / 18inch
Rated Impedance	8 ohm
Nominal Power handling	750 Watts
Program Power	1500 Watts
Sensitivity(1w/1m)	97 dB
Frequency Range	36 ~ 1000Hz
Minimum Impedance(Zmin)	7.4 ohm
Voice Coil Diameter	100mm / 4inch
Voice Coil Material	Copper
Former Material	Glass Fiber
Voice Coil Winding Depth	25 mm
Number of layers	2(inside/outside)
Magnet gap depth	10.7 mm
Basket	Cast Aluminum
Flux Density	1.1 T
Magnet Out Diameter/Wgt	220mm / 125 oz

THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	36 Hz
DC resistance	Re	5.4 ohm
Mechanical factor	Qms	12.5
Electrical factor	Qes	0.33
Total factor	Qts	0.33
Mechanical compliance	Cms	0.09 mm/N
Mechanical resistance of total-driver losses	Rms	3.76 kg/s
Effective Moving Mass	Mms	208 g
Half-space efficiency	Eff	2.4%
BL Factor	BL	27.6 T.m
Equivalent Cas air load	Vas	180 liters
Effective piston area	Sd	0.1170 m ²
Max. linear excursion ⁶	Xmax	±9.6 mm
Max. excursion before damage	Xdam	±19.8mm
Voice coil inductance(1kHz)	Le	2.3 mH
Efficiency Bandwidth Product	EBP	109

MOUNTING INFORMATION

Overall Diameter	461 mm
Bolt Circle Diameter	439 mm
Bolt Hole Diameter	6.5x9.5 mm
Baffle Cutout Diameter	424 mm
Overall Depth	200 mm
Air volume occupied by driver	9.4 liters
Net Weight	12.8 kg
Shipping Weight	14.3 kg
Shipping Box	490x490x245mm



NOTES:

1. AES 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.
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 are measured with laser system BEFORE preconditioning test.
6. The maximum linear excursion is calculated as: $(H_{vc}-H_g)/2+H_g/4$ where H_{vc} is the voice coil depth and H_g is the gap depth.
7. Vb: Net internal volume of box after subtracting the volume of internal objects.