

J672Ind



☀ 21 inch ☀ 2300 Watts
☀ 96.5 dB ☀ 35 ~ 700 Hz



KEY FEATURES:

- ① 4600 W continuous program power capacity
- ② 96.5dB Sensitivity 1w/1m
- ③ 36Hz ~700Hz frequency response range
- ④ 7" high temperature inside/outside copper voice coil
- ⑤ Ventilated voice coil for reduced power compression
- ⑥ FEA optimized neodymium magnet assembly allows a very high force factor and a light motor system
- ⑦ Ventilated top plate for improved heat dissipation
- ⑧ Double silicone Conex spider with optimized compliance
- ⑨ Long excursion suspension with linear behavior for large signal
- ⑩ BL/Re maximized for loaded applications

GENERAL SPECIFICATIONS

Nominal Diameter	530mm / 21inch
Rated Impedance	4 ohm
Nominal Power handling ¹	2300 Watts
Program Power ²	4600 Watts
Sensitivity(1w/1m) ³	96.5 dB
Frequency Range ⁴	35 ~ 700Hz
Minimum Impedance(Zmin)	5.0 ohm
Voice Coil Diameter	178mm / 7inch
Voice Coil Material	Copper
Former Material	Glass Fiber
Voice Coil Winding Depth	33 mm
Number of layers	2(inside/outside)
Magnet gap depth	15 mm
Basket	Cast Aluminum
Flux Density	1.25 T
Magnet Material	Neodymium

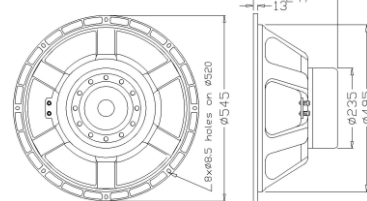
THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	35 Hz
DC resistance	Re	3.7 ohm
Mechanical factor	Qms	17.2
Electrical factor	Qes	0.27
Total factor	Qts	0.26
Mechanical compliance	Cms	0.037 mm/N
Mechanical resistance of total-driver losses	Rms	7.27 kg/s
Effective Moving Mass	Mms	569 g
Half-space efficiency	Eff	2.3 %
BL Factor	BL	41.6 T.m
Equivalent Cas air load	Vas	149 liters
Effective piston area	Sd	0.1698 m ²
Max. linear excursion ⁶	Xmax	±12.8 mm
Max. excursion before damage	Xdam	±35 mm
Voice coil inductance(1kHz)	Le	2.0 mH
Efficiency Bandwidth Product	EBP	130

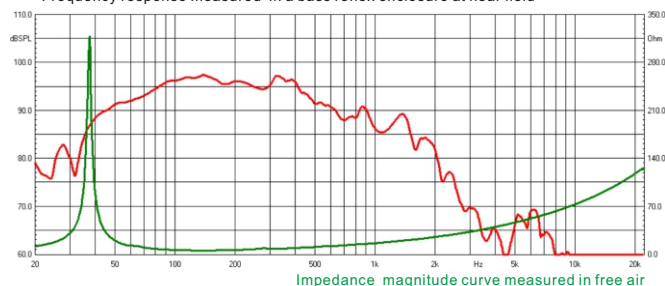
MOUNTING INFORMATION

Overall Diameter	545 mm
Bolt Circle Diameter	520 mm
Bolt Hole Diameter	8.5 mm
Baffle Cutout Diameter	495 mm
Overall Depth	247 mm
Air volume occupied by driver	18.5 liters
Net Weight	26.5 kg
Shipping Weight	31.4 kg
Shipping Box	670x670x365mm

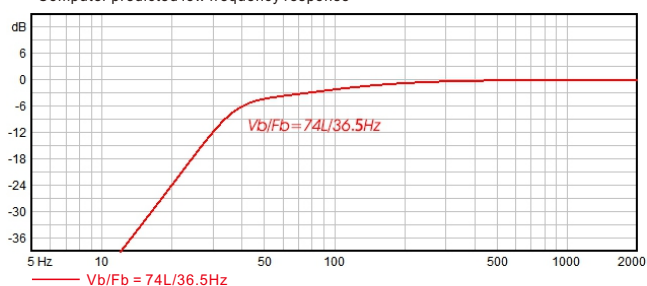
Also available in 8ohm, data upon request.



Frequency response measured in a bass reflex enclosure at near field



Computer predicted low frequency response⁽⁷⁾



NOTES:

- AES standard
- Program Power is defined as 3 dB greater than the nominal power handling.
- Sensitivity is measured at 1W input on rated impedance at 1m on axis.
- 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.

- Thiele-Small parameters are measured with Klippel DALPM module after preconditioning test.
- 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.
- Vb: Net internal volume of box after subtracting the volume of internal objects.