

# J652Ind

☀ 21 inch ☀ 1800 Watts  
☀ 98 dB ☀ 31 ~ 1000 Hz



### KEY FEATURES:

- ① 3600 W continuous program power capacity
- ② 98dB Sensitivity 1w/1m
- ③ 31Hz ~1000Hz frequency response range
- ④ 6" inside/outside voice coil for improved power-handling and durability
- ⑤ Forced air ventilation on U-yoke for minimum power compression
- ⑥ Optimized winding length for extended Xmax
- ⑦ Double spider for improved excursion control and linearity
- ⑧ Ideal for compact horn-loaded subwoofer application

### GENERAL SPECIFICATIONS

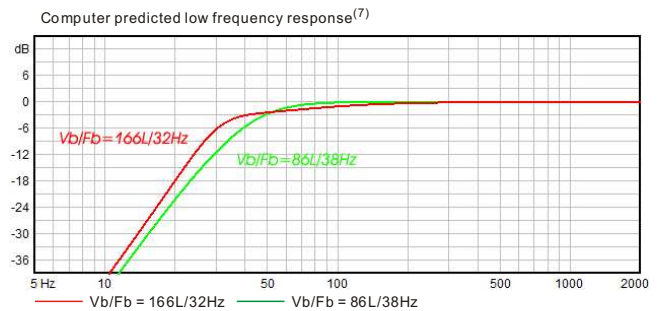
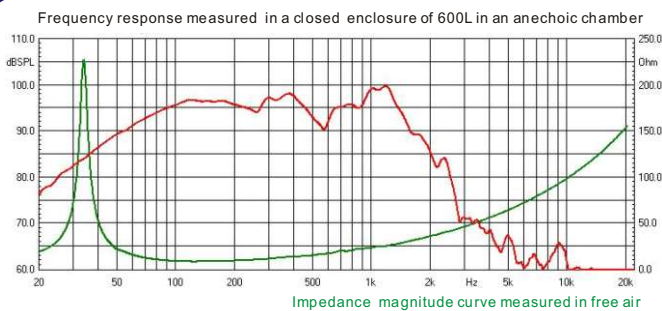
Nominal Diameter	530mm / 21inch
Rated Impedance	8 ohm
Nominal Power handling <sup>1</sup>	1800 Watts
Program Power <sup>2</sup>	3600 Watts
Sensitivity(1w/1m) <sup>3</sup>	98 dB
Frequency Range <sup>4</sup>	31 ~ 1000Hz
Minimum Impedance(Zmin)	7.9 ohm
Voice Coil Diameter	150mm / 6inch
Voice Coil Material	Copper
Former Material	Glass Fiber
Voice Coil Winding Depth	35 mm
Number of layers	2(inside/outside)
Magnet gap depth	14 mm
Basket	Cast Aluminum
Flux Density	1.2 T
Magnet material	Neodymium

### THIELE - SMALL PARAMETERS<sup>5</sup>

Resonance frequency	Fs	34 Hz
DC resistance	Re	6.2 ohm
Mechanical factor	Qms	12.6
Electrical factor	Qes	0.35
Total factor	Qts	0.34
Mechanical compliance of suspension losses	Cms	0.047 m/N
Effective Moving Mass	Rms	7.8mech-ohm
Half-space efficiency	Mms	461 g
BL Factor	Eff	1.99%
Equivalent Cas air load	BL	41.6 T.m
Effective piston area	Vas	186 liters
Max. linear excursion <sup>6</sup>	Sd	0.1676 m <sup>2</sup>
Voice coil inductance	Xmax	13 mm
Efficiency Bandwidth Product	Le1K	2.7 mH
	EBP	97

### MOUNTING INFORMATION

Overall Diameter	556 mm
Bolt Circle Diameter	528 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	493 mm
Overall Depth	250 mm
Net Weight	20.8 kg
Shipping Weight	23 kg
Shipping Box	585x585x2 70mm



- 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 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.