J6021

☀ 21 inch ☀ 1500 Watts
☀ 97 dB ☀ 29 ~ 1000 Hz

KEY FEATURES:

① 3000 W continuous program power capacity
② 97dB Sensitivity 1w/1m
③ 29Hz ~1000Hz frequency response range
④ 4.5" inside/outside voice coil for improved power-handling and durability
⑤ Forced air ventilation on back plate and 15mm top plate for minimum power compression
⑥ Dual silicone spiders for improved excursion control and linearity
⑦ Ideal for compact subwoofer application

GENERAL SPECIFICATIONS

Nominal Diameter	530mm / 21inch
Rated Impedance	8 ohm
Nominal Power handling[1]	1500 Watts
Program Power[2]	3000 Watts
Sensitivity(1w/1m)[3]	97 dB
Frequency Range[4]	29 ~ 1000Hz
Minimum Impedance(Zmin)	6.4 ohm
Voice Coil Diameter	115mm / 4.5inch
Voice Coil Material	Copper
Former Material	Glass Fiber
Voice Coil Winding Depth	34 mm
Number of layers	2(inside/outside)
Magnet gap depth	15 mm
Basket	Cast Aluminum
Flux Density	1.0 T
Magnet Out Diameter/Wgt	245mm/190 oz

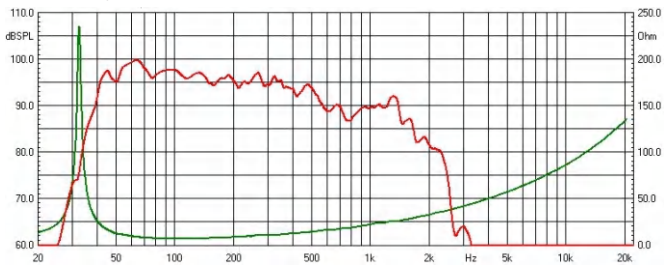
THIELE – SMALL PARAMETERS[5]

Resonance frequency	Fs	32 Hz
DC resistance	Re	4.8 ohm
Mechanical factor	Qms	15.3
Electrical factor	Qes	0.44
Total factor	Qts	0.43
Mechanical compliance	Cms	0.064mm/N
Mechanical resistance of total-driver losses	Rms	3.6 kg/s
Effective Moving Mass	Mms	373 g
Half-space efficiency	Eff	1.9%
BL Factor	BL	28.8 T.m
Equivalent Cas air load	Vas	260 liters
Effective piston area	Sd	0.1706 m^2
Max. linear excursion[6]	Xmax	±13 mm
Max. excursion before damage	Xdam	±24.5mm
Voice coil inductance(1kHz)	Le	2.7 mH
Efficiency Bandwidth Product	EBP	72

MOUNTING INFORMATION

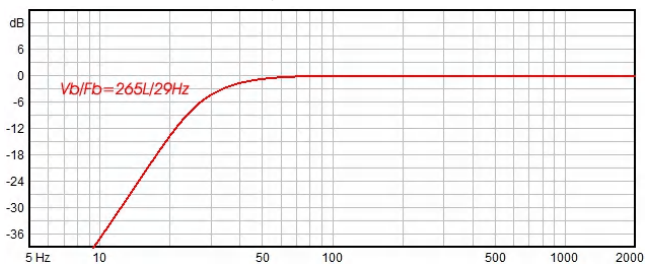
Overall Diameter	550 mm
Bolt Circle Diameter	530 mm
Bolt Hole Diameter	9 mm
Baffle Cutout Diameter	508 mm
Overall Depth	252 mm
Air volume occupied by driver	16.4 liters
Net Weight	16.5 kg
Shipping Weight	18.7 kg
Shipping Box	570x570x270mm

Frequency response measured in a bass reflex enclosure in an anechoic chamber



Impedance magnitude curve measured in free air

Computer predicted low frequency response[7]



Vb/Fb = 265L/29Hz

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 BEFORE 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.