

J6010

☀ 10 inch ☀ 400 Watts
☀ 97 dB ☀ 55 ~ 3500 Hz



KEY FEATURES:

- ① 800 W continuous program power capacity
- ② 97 dB Sensitivity 1w/1m
- ③ 55Hz ~3500Hz frequency response range
- ④ 3" inside/outside copper clad aluminum voice coil
- ⑤ Heavy duty magnet structure
- ⑥ Ideal for high quality 2-way systems

GENERAL SPECIFICATIONS

Nominal Diameter	250mm /10inch
Rated Impedance	8 ohm
Nominal Power handling ¹	400 Watts
Program Power ²	800 Watts
Sensitivity(1w/1m) ³	97 dB
Frequency Range ⁴	55 ~ 3500 Hz
Minimum Impedance(Zmin)	6.4 ohm
Voice Coil Diameter	76mm /3inch
Voice Coil Material	CCAW
Former Material	Fiberglass
Voice Coil Winding Depth	15 mm
Number of layers	2(inside/outside)
Magnet gap depth	10 mm
Basket	Cast Aluminum
Flux Density	1.2 T
Magnet Outer Diameter / Wgt	180mm / 80 oz

THIELE - SMALL PARAMETERS⁵

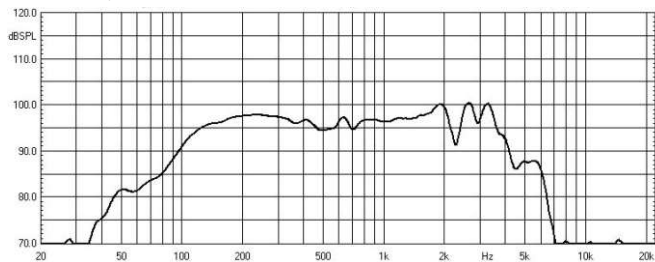
Resonance frequency	Fs	58 Hz
DC resistance	Re	5.6 ohm
Mechanical factor	Qms	10
Electrical factor	Qes	0.31
Total factor	Qts	0.30
Mechanical compliance	Cms	0.18 mm/N
of suspension losses	Rms	1.4mech-ohm
Effective Moving Mass	Mms	41 g
Half-space efficiency	Eff	1.98%
BL Factor	BL	16.5 T.m
Equivalent Cas air load	Vas	32 liters
Effective piston area	Sd	0.0356 m ²
Max. linear excursion ⁶	Xmax	5 mm
Voice coil inductance	Le1K	0.7 mH
Efficiency Bandwidth Product	EBP	187

MOUNTING INFORMATION

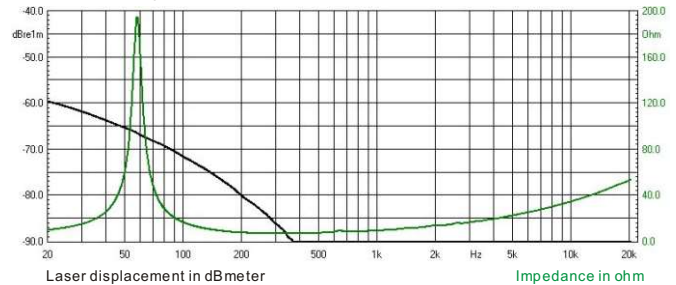
Overall Diameter	261 mm
Bolt Circle Diameter	246 mm
Bolt Hole Diameter	5.5 mm
Baffle Cutout Diameter	228 mm
Overall Depth	128 mm
Net Weight	6.5 kg
Shipping Weight	7.1 kg
Shipping Box	295x295x155mm



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



Impedance magnitude curve measured in free air



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 at 23 Celsius degree environment.
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.