

V3010m/8

☀ 10 inch ☀ 300 Watts
☀ 97 dB ☀ 60 ~ 4800 Hz



KEY FEATURES:

- ① 600 W continuous program power capacity
- ② High sensitivity 97dB/1w/1m
- ③ Very smooth response up to 4.8k Hz
- ④ 2.5" inside/outside copper clad aluminum voice coil
- ⑤ Aluminum demodulating ring for very low distortion
- ⑥ Ideal for mid and mid-bass high loading systems

GENERAL SPECIFICATIONS

Nominal Diameter	250mm /10inch
Rated Impedance	8 ohm
Nominal Power handling ¹	300 Watts
Program Power ²	600 Watts
Sensitivity(1w/1m) ³	97 dB
Frequency Range ⁴	60 ~ 4800Hz
Minimum Impedance(Zmin)	6.2 ohm
Voice Coil Diameter	65mm /2.5inch
Voice Coil Material	CCAW
Former Material	Fiberglass
Voice Coil Winding Depth	11 mm
Number of layers	2(inside/outside)
Magnet gap depth	8 mm
Basket	Cast Aluminum
Flux Density	1.3T
Magnet Out Diameter/Wgt	170mm / 62 oz

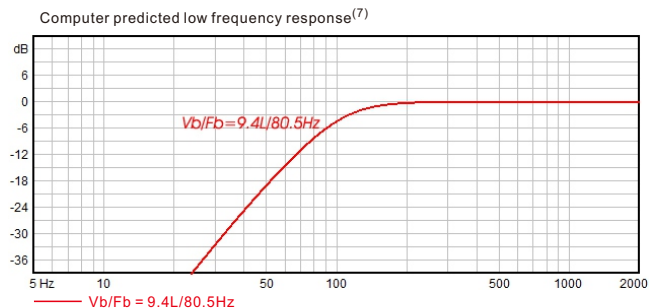
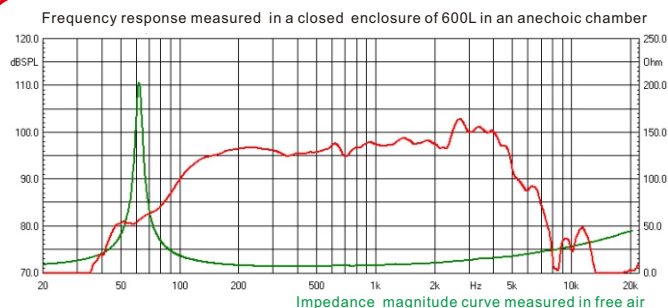
THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	61.7 Hz
DC resistance	Re	5.0 ohm
Mechanical factor	Qms	11.5
Electrical factor	Qes	0.29
Total factor	Qts	0.29
Mechanical compliance	Cms	0.20 mm/N
Mechanical resistance of total-driver losses	Rms	1.13 kg/s
Effective Moving Mass	Mms	33.5 g
Half-space efficiency	Eff	2.7%
BL Factor	BL	14.9 T.m
Equivalent Cas air load	Vas	34.5 liters
Effective piston area	Sd	0.0353 m ²
Max. linear excursion ⁶	Xmax	±4 mm
Max. excursion before damage	Xdam	±12mm
Voice coil inductance(1kHz)	Le	0.42 mH
Efficiency Bandwidth Product	EBP	212

MOUNTING INFORMATION

Overall Diameter	261 mm
Bolt Circle Diameter	246 mm
Bolt Hole Diameter	5.5 mm
Baffle Cutout Diameter	228 mm
Overall Depth	115 mm
Air volume occupied by driver	1.9 liters
Net Weight	5.0 kg
Shipping Weight	5.4 kg
Shipping Box	275x275x130mm

Also available in 16ohm, data upon request.



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.
- T/S parameters measured with laser system BEFORE 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.