



**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM

PRO 123F01

1000W Continuous program power
45-3.5KHz Frequency range
75mm Voice coil
97.3dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

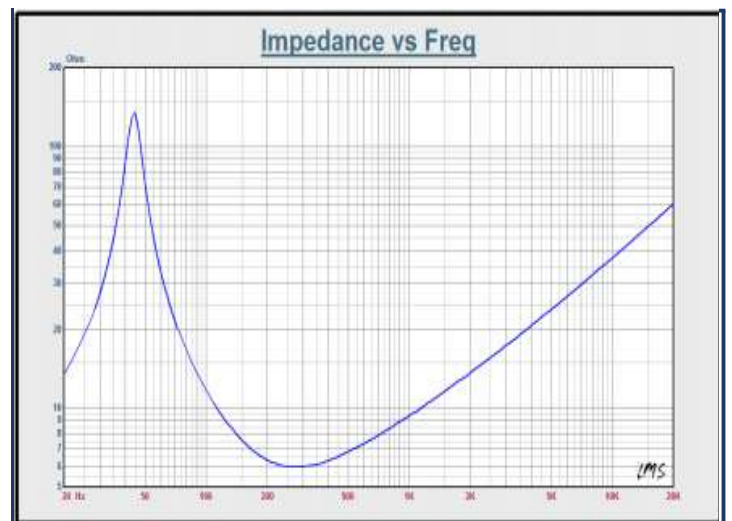
Nominal Diameter	12inch
Nominal Impedance	8ohm
Program Power	1000watts
Power Handling	500watts
Sensitivity	97.3dB
Frequency Range	45-3.5KHz
Effective Diaphragm Diameter	226mm
Minimum Impedance	4.7ohm
Voice-coil Diameter	75mm
Voice-coil Material	Copper
Voice-coil Winding Depth	13.8mm
Kind of layer	2 Layers
Top Plate Thickness	7.5
Magnet Size	190*25mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	45Hz
DC Resistance	Rte	4.7ohm
Mechanical Factor	Qms	6.314
Electrical Factor	Qes	0.226
Total Factor	Qts	0.218
BL Factor	BL	18.37T-m
Effective Moving Mass	Mms	59g
Equivalent Cas Air Load	Vas	93liters
Effective Piston Area	Sd	543cm ²
Max. Linear Excursion	Xmax	4.35mm
Half Space Efficiency	Eff	3.41%

MOUNTING & SHIPPING INFORMATION

Overall Diameter	312/12.28	mm/inch
Bolt Circle Diameter	296/11.65	mm/inch
Bolt Hole Diameter	6/0.24	mm/inch
Mount Buffer Cut-out	281/11	mm/inch
Depth	138/5.43	mm/inch
Net Weight	6.3/13.9	kg/lbs
Shipping Weight	7.7/16.98	kg/lbs
Shipping Box	330*330*175mm	



**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM