



**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM

PRO 153F02

1000W Continuous program power
49 -3.5KHz Frequency range
75mm Voice coil
98dB Sensitivity
Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

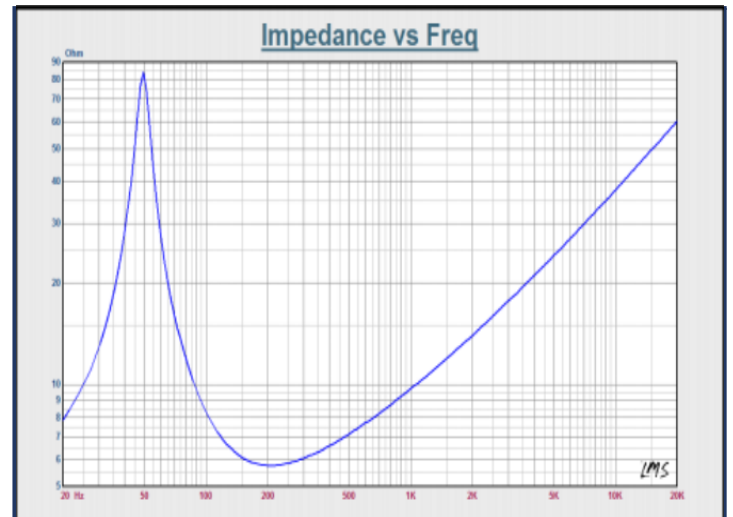
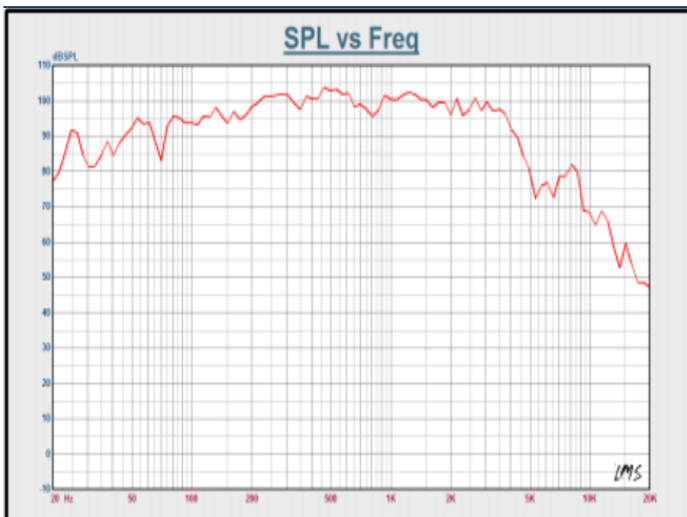
Nominal Diameter	15inch
Nominal Impedance	8ohm
Program Power	1000watts
Power Handling	500watts
Sensitivity	98dB
Frequency Range	49-3.5KHz
Effective Diaphragm Diameter	336mm
Minimum Impedance	4.7ohm
Voice-coil Diameter	75mm
Voice-coil Material	Copper
Voice-coil Winding Depth	13.8mm
Kind of layer	2 Layers
Top Plate Thickness	7.5
Magnet Size	190*25mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	49Hz
DC Resistance	Rte	4.7ohm
Mechanical Factor	Qms	7.032
Electrical Factor	Qes	0.418
Total Factor	Qts	0.394
BL Factor	BL	17.90T-m
Effective Moving Mass	Mms	92g
Equivalent Cas Air Load	Vas	129liters
Effective Piston Area	Sd	897cm ²
Max. Linear Excursion	Xmax	4.35mm
Half Space Efficiency	Eff	3.58%

MOUNTING & SHIPPING INFORMATION

Overall Diameter	394/15.51	mm/inch
Bolt Circle Diameter	374/14.72	mm/inch
Bolt Hole Diameter	7/0.27	mm/inch
Mount Buffer Cut-out	356/14	mm/inch
Depth	159/6.26	mm/inch
Net Weight	7.8/17.2	kg/lbs
Shipping Weight	9.6/21.16	kg/lbs
Shipping Box	410*410*205mm	



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