



**AERONS  
SPEAKER**  
PROFESSIONAL AUDIO SYSTEM



# PT185/19

2000W Continuous program power  
36-1.5KHz Frequency range  
127mm Voice coil  
97dB Sensitivity  
Optimized magnet and FEA analyse

## GENERAL SPECIFICATIONS

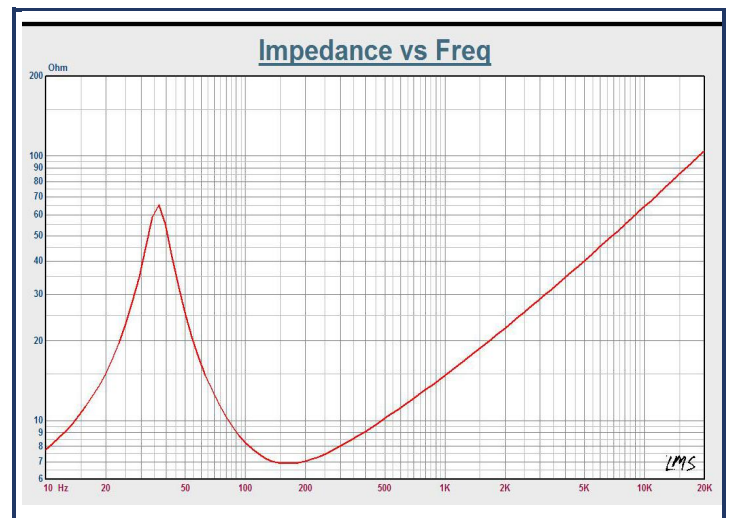
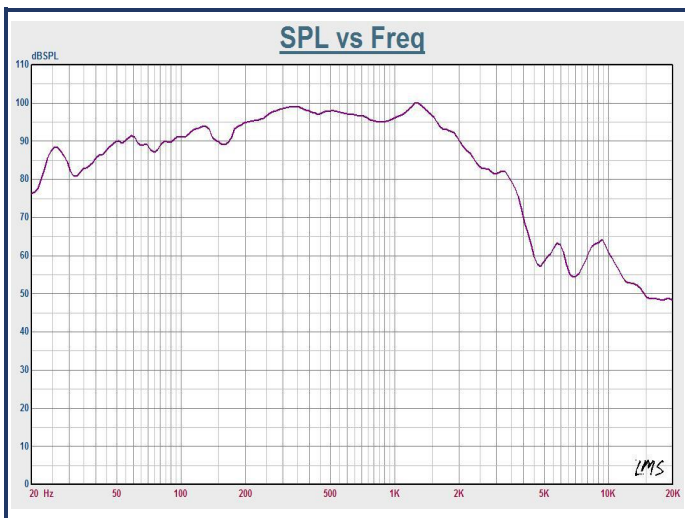
Nominal Diameter	18inch
Nominal Impedance	8ohm
Program Power	2000watts
Power Handling	1000watts
Sensitivity	97dB
Frequency Range	36-1.5KHz
Effective Diaphragm Diameter	395 mm
Minimum Impedance	5.2ohm
Voice-coil Diameter	127mm
Voice-coil Material	PISV
Voice-coil Winding Depth	28 mm
Kind of layer	IN/Out
Top Plate Thickness	13.5
Magnet Size	280*25mm

## THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	36 Hz
DC Resistance	Rte	5.2ohm
Mechanical Factor	Qms	3.682
Electrical Factor	Qes	0.32
Total Factor	Qts	0.294
BL Factor	BL	25.78 T-m
Effective Moving Mass	Mms	177 g
Equivalent Cas Air Load	Vas	226 liters
Effective Piston Area	Sd	1225 cm <sup>2</sup>
Max. Linear Excursion	Xmax	10.6mm
Half Space Efficiency	Eff	3.37%

## MOUNTING & SHIPPING INFORMATION

Overall Diameter	485/19.09	mm/inch
Bolt Circle Diameter	465/18.3	mm/inch
Bolt Hole Diameter	6/0.24	mm/inch
Mount Buffer Cut-out	415/16.33	mm/inch
Depth	170/6.69	mm/inch
Net Weight	22.4/49.38	kg/lbs
Shipping Weight	25.8/56.88	kg/lbs
Shipping Box	570*570*240	mm



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