



AERONS (INDIA)

# CARBON FIBER SERIES

**AERONS  
SPEAKER**  
PROFESSIONAL AUDIO SYSTEM



## 15CF800

**800W RMS Power**  
**50Hz - 2.5KHz Frequency Range**  
**4 inch Voice Coil**  
**97dB Sensitivity**  
**220\*30mm magnet**



### GENERAL SPECIFICATIONS

Nominal Diameter	15inch
Nominal Impedance	8ohm
Minimum Impedance	5.5ohm
Nominal Power Handling	800Watts
Continuous Power Handling	1600Watts
Sensitivity	97dB
Frequency Range	50-2500Hz
Voice-coil Diameter	100mm
Voice-coil Material	Copper clad aluminium
Voice-coil Winding Depth	22 mm
Effective Diaphragm Diameter	330Mm
Kind of layer	In/out
Number of layers	2
Top Plate Thickness	12mm
Spider	Polyester and cotton blended
Flux Density	1.1T
Magnet Diameter	220*30mm
Magnet Material	Ferrite
Magnet Grade	Y35
Magnet Gap Depth	12

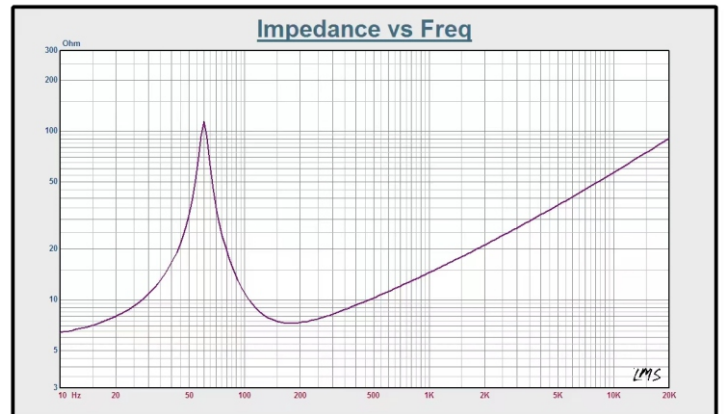
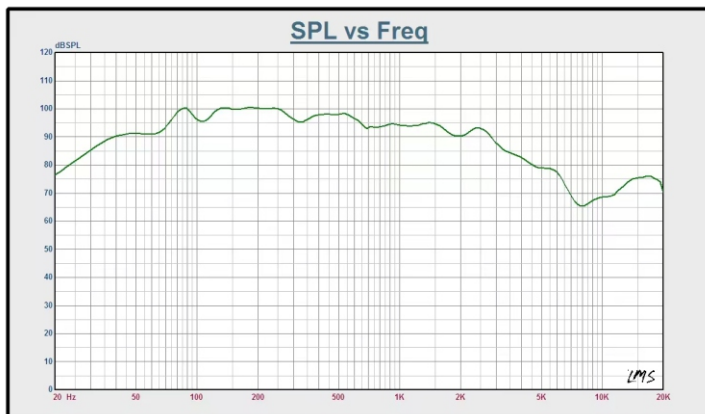


### THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	60Hz
DC Resistance	Rte	5.7ohm
Mechanical Factor	Qms	9.66
Electrical Factor	Qes	0.51
Total Factor	Qts	0.48
BL Factor	BL	24.64T-m
Effective Moving Mass	Mms	103.6gr
Equivalent Cas Air Load	Vas	50.5liter
Effective Piston Area	Sd	0.85 m <sup>2</sup>
Max. Linear Excursion	Xmax	5mm
Half Space Efficiency	Eff	2.3%
Efficiency Bandwidth Product	EBP	117
Compliance Value	Cms	0.049

### MOUNTING & SHIPPING INFORMATION

Overall Diameter	393mm
Buffer Cut-out Dia.	354mm
Bolt Circle Dia.	374mm
Bolt Hole Dia.	7.0mm
Gasket Thickness	9mm
Overall Depth	183mm
Magnet Dia.	220mm
Net Weight	12 kg



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