



**AERONS  
SPEAKER**  
PROFESSIONAL AUDIO SYSTEM

# MB15N800

1600W Continuous program power  
32-2KHz Frequency range  
100mm Voice coil  
96.2dB Sensitivity  
Optimized magnet and FEA analyze



## GENERAL SPECIFICATIONS

Nominal Diameter	15inch
Nominal Impedance	8ohm
Program Power	1600watts
Power Handling	800watts
Sensitivity	96.2dB
Frequency Range	32-2KHz
Effective Diaphragm Diameter	330mm
Voice-coil Diameter	100mm
Voice-coil Material	Copper
Voice-coil former design	24.3mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Magnet Gap Depth	12mm
Basket	Aluminium

## THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	36 Hz
DC Resistance	Rte	5.2 ohm
Mechanical Factor	Qms	4.16
Electrical Factor	Qes	0.23
Total Factor	Qts	0.22
BL Factor	BL	27 T-m
Effective Moving Mass	Mms	145.5 gr
Equivalent Cas Air Load	Vas	137.2liters
Effective Piston Area	Sd	856cm <sup>2</sup>
Max. Linear Excursion	Xmax	6.15mm
Mechanical Compliance	Cms	0.13 mm/N

## MOUNTING&SHIPPING INFORMATION

Overall Diameter	394/15.51	mm /inch
Bolt Circle Diameter	376/14.80	mm /inch
Bolt Hole Diameter	8 /0.314	mm/inch
Mount Buffer Cut-out	357/14.05	mm/inch
Depth	180/7.08	mm/inch
Net Weight	8.2 /18.07	kg /lbs

