



# AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

## MB8F300

600W Continuous program power  
55-4.0KHz Frequency range  
65.5mm Voice coil  
95dB Sensitivity  
Optimized magnet and FEA analyse



### GENERAL SPECIFICATIONS

Nominal Diameter	8inch
Nominal Impedance	8ohm
Program Power	600watts
Power Handling	300watts
Sensitivity	95dB
Frequency Range	55-4.0KHz
Effective Diaphragm Diameter	170mm
Minimum Impedance	5.2ohm
Voice-coil Diameter	65.5mm
Voice-coil Material	Copper
Voice-coil Winding Depth	15.5 mm
Numbers of layer(s)	2
Kind of layer	Out
Top Plate Thickness	8
Magnet Size	156*20mm

### THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	55 Hz
DC Resistance	Rte	5.2ohm
Mechanical Factor	Qms	5.07
Electrical Factor	Qes	0.256
Total Factor	Qts	0.244
BL Factor	BL	16 T-m
Effective Moving Mass	Mms	34.9 g
Equivalent Cas Air Load	Vas	15.85 liters
Effective Piston Area	Sd	226.98cm <sup>2</sup>
Max. Linear Excursion	Xmax	5.75mm
Half Space Efficiency	Eff	1.15%

### MOUNTING&SHIPPING INFORMATION

Overall Diameter	210/8.27	mm/inch
Bolt Circle Diameter	196/7.72	mm/inch
Bolt Hole Diameter	6.5/0.256	mm/inch
Mount Buffer Cut-out	186/7.32	mm/inch
Depth	110/4.3	mm/inch
Net Weight	4.35/8.7	kg/lbs
Shipping Weight	4.65/340.23	kg/lbs
Shipping Box	227*227*128(1PC/CTN)	mm

