



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

8MB250

500W Continuous program power
 80-7.0KHz Frequency range
 49.5mm Voice coil
 96dB Sensitivity
 Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	8inch
Nominal Impedance	8ohm
Program Power	500watts
Power Handling	250watts
Sensitivity	96dB
Frequency Range	80-7.0KHz
Effective Diaphragm Diameter	170mm
Minimum Impedance	5.4ohm
Voice-coil Diameter	49.5mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	16.4 mm
Numbers of layer(s)	2
Kind of layer	Out
Top Plate Thickness	8
Magnet Size	140*20mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	80 Hz
DC Resistance	Rte	5.4ohm
Mechanical Factor	Qms	4.764
Electrical Factor	Qes	0.393
Total Factor	Qts	0.363
BL Factor	BL	12.05 T-m
Effective Moving Mass	Mms	21.426 gr
Equivalent Cas Air Load	Vas	13.98liters
Effective Piston Area	Sd	226.98cm ²
Max. Linear Excursion	Xmax	6.2mm
Half Space Efficiency	Eff	1.656%

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	105/4.13	mm/inch
Net Weight	3.5/7.7	kg/lbs
Shipping Weight	3.8/8.36	kg/lbs
Shipping Box	235*235*140	mm

