



# AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

## MB12N351

1300W Continuous program power  
 50-2.5KHz Frequency range  
 87mm Voice coil  
 98dB Sensitivity  
 Optimized magnet and FEA analyse



### GENERAL SPECIFICATIONS

Nominal Diameter	12inch
Nominal Impedance	8ohm
Program Power	1300watts
Power Handling	650watts
Sensitivity	98.0dB
Frequency Range	50-2.5KHz
Effective Diaphragm Diameter	265mm
Minimum Impedance	5.6ohm
Voice-coil Diameter	87mm
Voice-coil Material	CCAW
Voice-coil Winding Depth	19mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	10
Magnet Size	85*8mm

### THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	50 Hz
DC Resistance	Rte	5.6 ohm
Mechanical Factor	Qms	4.78
Electrical Factor	Qes	0.246
Total Factor	Qts	0.234
BL Factor	BL	20.37 T-m
Effective Moving Mass	Mms	65.4gr
Equivalent Cas Air Load	Vas	88 liters
Effective Piston Area	Sd	551.6 cm <sup>2</sup>
Max. Linear Excursion	Xmax	7.0mm
Half Space Efficiency	Eff	2.84%

### MOUNTING&SHIPPING INFORMATION

Overall Diameter	320/12.6	mm /inch
Bolt Circle Diameter	303/11.9	mm /inch
Bolt Hole Diameter	7 /0.276	mm/inch
Mount Buffer Cut-out	282/11.1	mm/inch
Depth	143/5.63	mm/inch
Net Weight	4.8/10.56	kg /lbs
Shipping Weight	5.7/12.54	kg/lbs
Shipping Box	337*337*175	mm

