



# AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

## LF12G301

900W Continuous program power  
40-2.0KHz Frequency range  
76.2mm Voice coil  
95dB Sensitivity  
Optimized magnet and FEA analyse



### GENERAL SPECIFICATIONS

Nominal Diameter	12inch
Nominal Impedance	8ohm
Program Power	900watts
Power Handling	450watts
Sensitivity	95dB
Frequency Range	40-2.0KHz
Effective Diaphragm Diameter	258mm
Minimum Impedance	5.4ohm
Voice-coil Diameter	76.2mm
Voice-coil Material	Copper
Voice-coil Winding Depth	18.8 mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	10
Magnet Size	180*20mm

### THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	40 Hz
DC Resistance	Rte	5.4ohm
Mechanical Factor	Qms	6.587
Electrical Factor	Qes	0.299
Total Factor	Qts	0.286
BL Factor	BL	21.75 T-m
Effective Moving Mass	Mms	93.9 g
Equivalent Cas Air Load	Vas	59.8 liters
Effective Piston Area	Sd	522.8cm <sup>2</sup>
Max. Linear Excursion	Xmax	6.9mm
Half Space Efficiency	Eff	1.4%

### MOUNTING&SHIPPING INFORMATION

Overall Diameter	320/12.6	mm/inch
Bolt Circle Diameter	300/11.8	mm/inch
Bolt Hole Diameter	6.5*11/0.26*0.43	mm/inch
Mount Buffer Cut-out	284/11.2	mm/inch
Depth	138/5.4	mm/inch
Net Weight	6.75/14.85	kg/lbs
Shipping Weight	7.65/16.83	kg/lbs
Shipping Box	337*337*175(1PC/CTN)	mm

