



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM

LF18X451

3600W Continuous program power
 32-1.0KHz Frequency range
 114.55mm Voice coil
 98.0dB Sensitivity
 Optimized magnet and FEA analyse



GENERAL SPECIFICATIONS

Nominal Diameter	18inch
Nominal Impedance	8ohm
Program Power	3600watts
Power Handling	1800watts
Sensitivity	98.0dB
Frequency Range	32-1.0KHz
Effective Diaphragm Diameter	398mm
Minimum Impedance	4.8 ohm
Voice-coil Diameter	114.55mm
Voice-coil Material	COPPER
Voice-coil Winding Depth	30.2mm
Numbers of layer(s)	2
Kind of layer	IN/Out
Top Plate Thickness	15
Magnet Size	253*30mm

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	32.0Hz
DC Resistance	Rte	4.8 ohm
Mechanical Factor	Qms	10.757
Electrical Factor	Qes	0.316
Total Factor	Qts	0.307
BL Factor	BL	29.37 T-m
Effective Moving Mass	Mms	273.1 gr
Equivalent Cas Air Load	Vas	185liters
Effective Piston Area	Sd	1244cm ²
Max. Linear Excursion	Xmax	11.25mm
Half Space Efficiency	Eff	2.1%

MOUNTING&SHIPPING INFORMATION

Overall Diameter	465/18.3	mm/inch
Bolt Circle Diameter	446/17.56	mm/inch
Bolt Hole Diameter	7 /0.276	mm/inch
Mount Buffer Cut-out	422/16.6	mm/inch
Depth	215/4.06	mm/inch
Net Weight	16.15/35.53	kg/lbs
Shipping Weight	18.4/40.48	kg /lbs
Shipping Box	497*497*255	mm

