



**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM

LF18X550

4400W Peak program power
30-2KHz Frequency range
5.3 inch Voice coil
99.0dB Sensitivity
Optimized magnet and FEA analyse

GENERAL SPECIFICATIONS

Nominal Diameter	18inch
Nominal Impedance	8ohm
Program Power	2200watts
Max Handling	4400watts
Sensitivity	99dB
Frequency Range	30-2KHz
Minimum Impedance	6ohm
Voice-coil Diameter	5.3 inch
Voice-coil Material	PISV
Voice-coil Winding Depth	27 mm
Kind of layer	IN/Out
Top Plate Thickness	20mm
Magnet Size	280*25mm

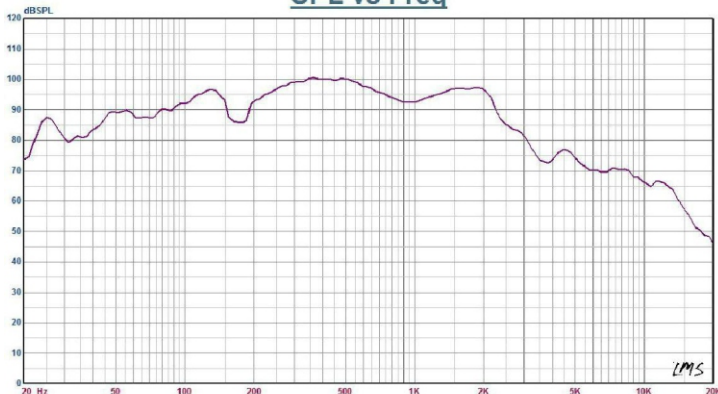
THIELE- SMALL PARAMETERS

Resonance FrequencyFs	38 Hz
DC ResistanceRte	6ohm
Mechanical FactorQms	15.9
Electrical FactorQes	0.42
Total FactorQts	0.41
BL FactorBL	31.5T-m
Equivalent Cas Air LoadVas	132.4liters
Effective Piston AreaSd	125Kcm ²
Max. Linear ExcursionXmax	11 mm
Half Space EfficiencyEff	1.75%

MOUNTING & SHIPPING INFORMATION

Overall Diameter	465/18.6	mm/inch
Bolt Circle Diameter	445/17.8	mm/inch
Bolt Hole Diameter	6.8/0.27	mm/inch
Mount Buffer Cut-out	422/16.88	mm/inch
Depth	193/7.72	mm/inch
Net Weight	22	kg
Shipping Weight	24.2	kg
Shipping Box	500*500*240	mm

SPL vs Freq



Impedance vs Freq

