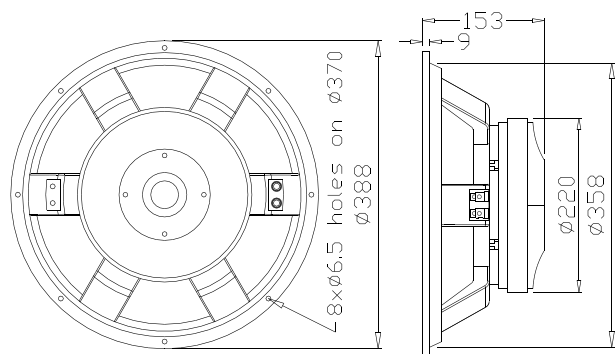


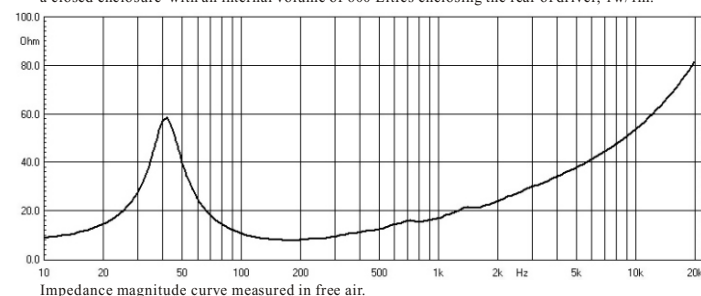
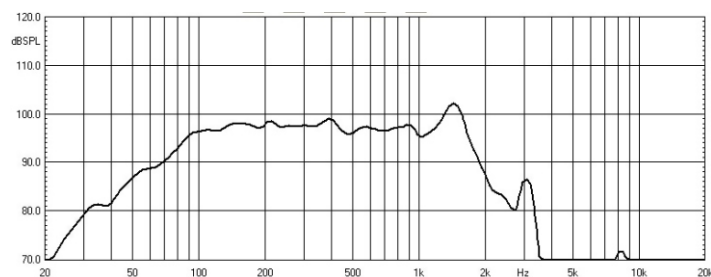


KEY FEATURES:

- ▶ 1100 W continuous program power handling
- ▶ 97dB Sensitivity 1w/1m
- ▶ 41Hz~1.5kHz frequency range
- ▶ 100mm(4 in) high temperature copper voice coil
- ▶ FEA optimized magnet system design for low distortion and minimum power compression
- ▶ Triple-roll polycotton edge with deep corrugations for extended Xmax
- ▶ Upgraded CONEX spider design for better mechanical properties at high power compared with L15/8512C
- ▶ Ideal for band pass, bass reflex subwoofer

主要特征:

- ▶ 额定功率：550W（AES标准）
- ▶ 灵敏度：97dB
- ▶ 频率响应范围 41Hz~1.5kHz
- ▶ 100mm 耐高温音圈
- ▶ 减小失真，降低功率压缩的FEA（有限元分析）磁路系统设计
- ▶ 针对长冲程设计的W形聚酯布悬边、环形纸盆
- ▶ 重新优化设计的弹波，大功率时比旧款L15/8512C提供更好的机械特性
- ▶ 适用于带通式及低音反射式超低音箱



SPECIFICATIONS

General Specifications

Nominal Diameter	380/15	mm/inch
Rated Impedance	8	ohm
Nominal Power handling ¹	550	Watts
Program Power ²	1100	Watts
Sensitivity(1w/1m) ³	97	dB
Frequency Range ⁴	41~1.5k	Hz
Minimum Impedance(Zmin)	7.9	ohm
Voice Coil Diameter	100/4	mm/inch
Voice Coil Material	Copper	
Voice Coil Winding Depth	21	mm
Number of layers	2	
Magnet gap depth	12	mm
Cone Shape	Straight	
Surround Shape	Triple-roll	
Basket	Cast Aluminum	
Flux Density	1.0	T
Magnet Material/Mass	Ceramic/3.55	kg

Thiele - Small Parameters

Resonance frequency	Fs	41	Hz
DC resistance	Re	6.4	ohm
Mechanical factor	Qms	2.95	
Electrical factor	Qes	0.36	
Total factor	Qts	0.32	
Mechanical compliance	Cms	0.10	mm/N
Mechanical resistance			
of suspension losses	Rms	12.8	mech-ohm
Effective Moving Mass	Mms	144	gr
Half-space efficiency	Eff	2.2	%
BL Factor	BL	26	T.m
Equivalent Cas air load	Vas	117	liters
Effective piston area	Sd	0.0908	m ²
Max. linear excursion ⁵	Xmax	8	mm
Voice - coil inductance	LelK	1.67	mH

Mounting Information

Overall Diameter	388	mm
Bolt Circle Diameter	370	mm
Bolt Hole Diameter	6.5	mm
Baffle Cutout Diameter	358	mm
Overall Depth	153	mm
Net Weight	11	kg

NOTES:

1. AES standard(40~400Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 100Hz and 500Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maximum linear excursion is calculated as: $(H_{vc}-H_g)/2+H_g/4$ where H_{vc} is the voice coil depth and H_g is the gap depth.