



# You can hear the difference!

<a href="#">Speaker Systems</a>	<a href="#">Drivers</a>	<a href="#">Kits</a>	<a href="#">Multimedia</a>	<a href="#">Company</a>	<a href="#">Support</a>	<a href="#">Purchase</a>
---------------------------------	-------------------------	----------------------	----------------------------	-------------------------	-------------------------	--------------------------

## D8.8 Hi-end Woofer

Swans D8.8 broke the traditional electroacoustical design principle.

Award the gold medal of Beijing ASPAT 1994 the Fifth Asia Pacific International Exposition.

US-Euro countries are of the leading position in world speaker field, Swans engineers hoped that Chinese can work out high-quality loudspeakers. We original thought that work out a small caliber loudspeaker contains in a small box body can produce grand midbass field, its sound should be neutral and noble, and it should be a art work. This D series loudspeaker basic satisfied our past expectation right now.

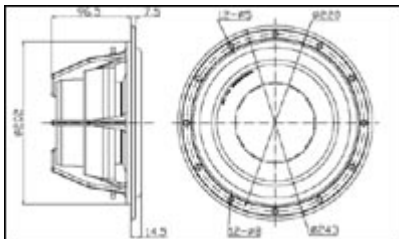
D series loudspeaker applied a series of latest design principles. Leading field Small/Thiele parameter optimize design technology! Denmark P.M.K double layer mica high strength integrated film membrane! Germany manufactured anti-fatigue high loss natural rubber fold ring! Britain manufactured high penetrated high stable bracket! Swans patent double magnetic circuit full coupling high power compound anti-magnet magnetic circuit system and high magnetic energy neodymium iron boron magnet!

High power 100mm heat-resistant copper covered aluminum circuit voice coil match with non-eddy loss Kapton voice coil framework! Finite element precision computer simulation design integration high density aluminum trough frame! Swans special long stroke linear displacement symmetry low distortion actuation magnet field design! !

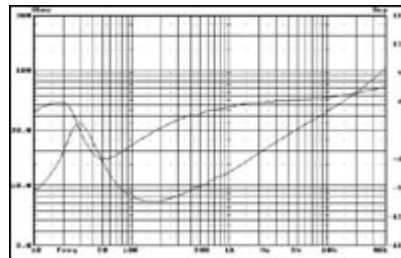
### Sound Features:

Tremendous power handling, well response of low frequency, wide trends, low distortion of low frequency, abundant and forceful bass; This unit suit for top class speaker system, top class home theater system and top class ultra-bass unit

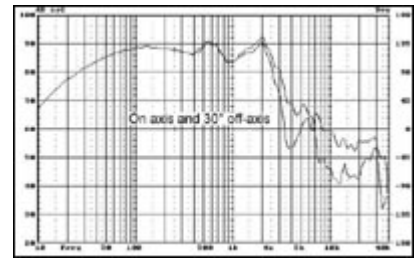
### Products Graph:



Mechanical Drawing  
(Magnify)



Impedance  
(Magnify)



Frequency Response  
(Magnify)

[More picture](#)

Woofer D series:

### D8.8 Hi-end Woofer

Nominal Impedance (Z)(O) :	8
Resonance Frequency (Fs)(Hz) :	30
Nominal Power Handling (Pnom)(W) :	150
Max Power Handling(Pmax)(W) :	300
Sensitivity (2.83v/1m)(dB) :	87
Weight (M)(Kg) :	3.5



VC Diameter (mm) :	100
DC (Re)(O) :	6.5
VC Length (H)(mm) :	23.5
VC Former :	CCAW
VC Frame :	Kapton
Magnet System :	Shielded
Magnet Former :	Neodymium
Force Factor (BL)(TM) :	11.7
Gap Height (He)(mm) :	7.0
Linear Excursion (Xmax)(mm) :	8.3
Suspension Compliance (Cms)(uM/N) :	545
Mechanical Q (Qms) :	1.97
Electrical Q (Qes) :	0.46
Total Q (Qts) :	0.38
Moving Mass (Mms)(g) :	50.9
Effective Piston Area (Sd)(m2) :	0.0241
Equivalent Air Volume (Vas)(L) :	46.8
Cabinet Type :	Vented
Recommended Box Volume(Vb)(L) :	30
Tuning Frequency(Fb)(Hz) :	36
-3dB Cut-Off Frequency(F3)(Hz) :	35