



You can hear the difference!

Speaker Systems	Drivers	Kits	Multimedia	Company	Support	Purchase
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### F8 Bass-Midrange

light and extremely rigid cone made from Kevlar/paper composite;  
 specially made high loss rubber surround;  
 shielded double magnet motor structure;  
 high power handling aluminum former voice coil;  
 flat linear spider;  
 high-density aluminum die-cast basket.

An accurate and uncompressed sound performance at realistic loudness levels represents the ideology implemented in this driver. The design of F8 has been optimized for balanced and dynamic low bass reproduction in compact or medium vented systems. Midrange clarity and tonal balance is remarkable.

F8 utilizes a newly developed matrix of Kevlar and paper fibers. As a result, the cone weighs less, is more rigid and has an improved dampening factor over conventional Kevlar materials. The back of the cone is hand coated with a special dampening compound to further maximize performance stability and control of structural resonances. The driver utilizes a vented aluminum voice coil former and flat air transparent spider to avoid air compression and ensure maximum power handling.

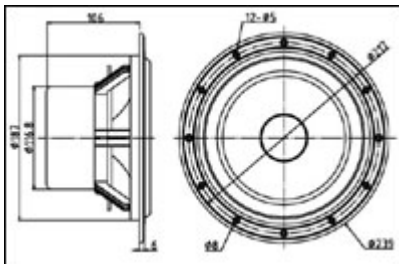
The massive aluminum die-cast basket has been developed to minimize parasitic structural resonances.

A shielded magnet structure allows the F8 to be easily incorporated into audio/video applications.

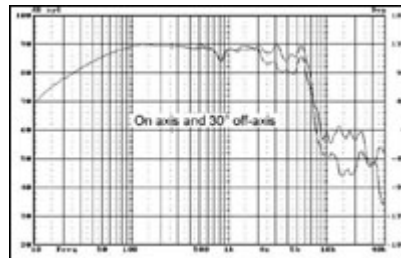
F8 has a remarkably smooth frequency response (within +/- 1.7 dB tolerance in 70 - 3000 Hz range, measured in IEC baffle).

Recommended crossover frequency for two-way system design is 1.8-2.2 kHz.

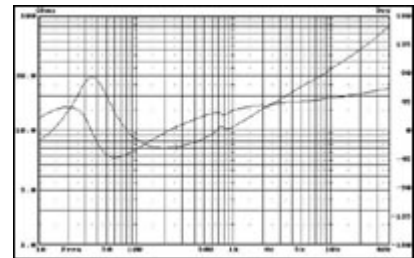
Products Graph:



Mechanical Drawing (Magnify)



Frequency Response (Magnify)



Impedance (Magnify)

[More picture](#)

Woofer F series:

#### F8 Bass-Midrange

Nominal Impedance (Z)(O) :	8
Resonance Frequency (Fs)(Hz) :	36
Nominal Power Handling (Pnom)(W) :	60
Max Power Handling (Pmax)(W) :	120
Sensitivity (2.83v/1m)(dB) :	87
Weight (M)(Kg) :	2.9



VC Diameter (mm) :	35
DC (Re)(O) :	6.5
VC Length (H)(mm) :	17.5
VC Former :	SV
VC Frame :	Kapton
Magnet System :	Shielded
Magnet Former :	Ferrite
Force Factor (BL)(TM) :	10.1
Gap Height (He)(mm) :	7.5
Linear Excursion (Xmax)(mm) :	5.0
Suspension Compliance (Cms)(uM/N) :	567
Mechanical Q (Qms) :	1.73
Electrical Q (Qes) :	0.51
Total Q (Qts) :	0.39
Moving Mass (Mms)(g) :	35.3
Effective Piston Area (Sd)(m2) :	0.0214
Equivalent Air Volume (Vas)(L) :	36.9
Cabinet Type :	Vented
Recommended Box Volume(Vb)(L) :	19
Tuning Frequency(Fb)(Hz) :	40
-3dB Cut-Off Frequency(F3)(Hz) :	47