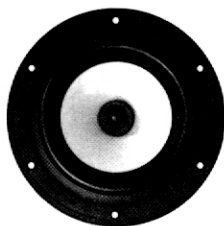
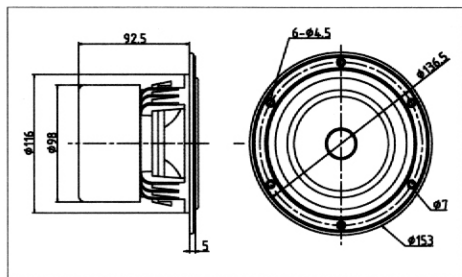




It could be your solution for perfect low frequency reproduction



F5
Bass-Midrange



F5 Bass-Midrange Features:

- Light and extremely rigid cone made from Kevlar®/paper composite
- Specially made high-loss rubber surround
- Shielded double magnet motor structure
- High power handling Kapton® former voice coil
- Central phase plug
- High density aluminum die-cast basket

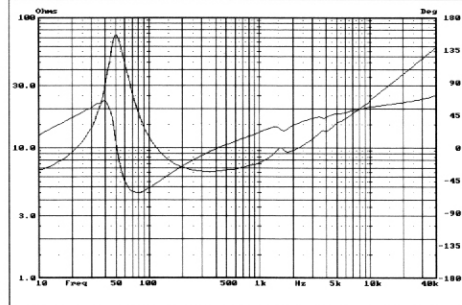
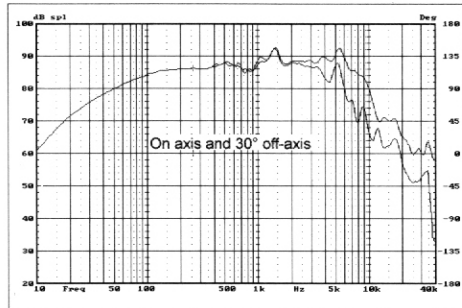
The design of the F5 has been optimized for an extended and dynamic bass reproduction in small vented systems. Midrange clarity and accuracy is remarkable.

The F5 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 central phase plug to avoid air compression and internal air volume resonance. The plug improves frequency response and dispersion as well. The Kapton® former voice coil and air transparent spider contribute to the linear operation of the transducer at high power levels.

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

A shielded magnet structure allows the F5 to be easily incorporated into audio/video applications. The driver may be used in a small closed box as a bass-midrange unit when a subwoofer is employed.

Recommended crossover frequency region for a two-way system design is 2-4 kHz.



F5 SPECIFICATIONS

Nominal Impedance (Ω)	Z	8
Resonance Frequency (Hz)	Fs	52
Nominal Power Handling (W)	Pnom	35
Sensitivity (2.83v/1m) (dB)	E	86
Weight (Kg)	M	1.6
Voice Coil Diameter (mm)	\emptyset	25
DC Resistance (Ω)	Re	6.5
Voice Coil Length (mm)	H	10
Voice Coil Former		Kapton®
Force Factor (TM)	BL	6.9
Gap Height (mm)	He	5.0
Linear Excursion (mm)	Xmax	2.5
Suspension Compliance (μ M/N)	Cms	908
Mechanical Q	Qms	4.94
Electrical Q	Qes	0.45
Total Q	Qts	0.41
Moving Mass (g)	Mms	10.2
Equivalent Air Volume (L)	Vas	8.9
Cabinet Type		Vented Box
Recommended Box Volume (L)	Vb	5
Tuning Frequency (Hz)	Fb	55
-3dB Cut-Off Frequency (Hz)	F3	62