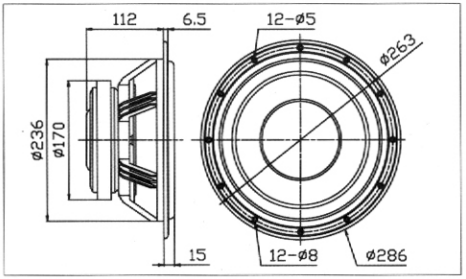
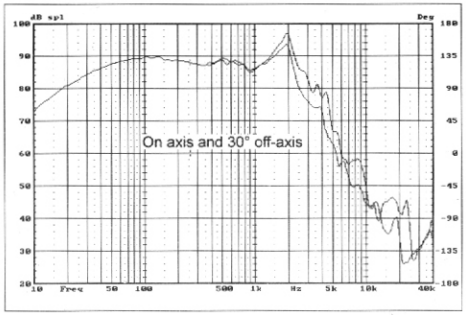
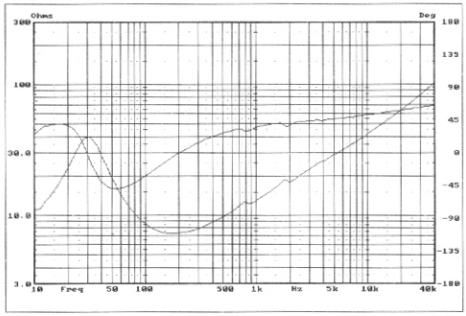
It could be your solution for perfect low frequency reproduction

F10

Hi-end Woofer







F10 Woofer Features:

- Light and extremely rigid cone made from Kevlar®/paper composite
- Specially made high-loss rubber surround
- High power handling Kapton® former voice coil
- Vented pole piece
- Long-throw motor system with extended linear excursion capability
- High-density aluminum die-cast basket

Accurate and uncompressed reproduction of very low bass at realistic levels represents the ideology implemented in this driver. The design of the F10 has been optimized for balanced and dynamic low bass reproduction in compact or medium vented systems and subwoofers.

The F10 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. This allows distortion to be kept very low through a wide frequency and power range.

The massive aluminum die-cast basket with multiple point mounting has been developed to minimize parasitic structural resonance.

The driver has a vented pole piece to avoid air compression and ensure maximum power handling. Together with the long-throw design, this feature provides clean and articulated bass performance at high volume levels.

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

F10 SPECIFICATIONS		
Nominal Impedance (Ω)	Z	8
Resonance Frequency (Hz)	Fs	30
Nominal Power Handling (W)	Pnom	100
Sensitivity (2.83v/1m) (dB)	E	89
Weight (Kg)	M	4.5
Voice Coil Diameter (mm)	Ø	50
DC Resistance (Ω)	Re	6.5
Voice Coil Length (mm)	H	22
Voice Coil Former	Kapton®	
Force Factor (TM)	BL	15.7
Gap Height (mm)	He	10
Linear Excursion (mm)	Xmax	6.0
Suspension Compliance (uM/N)	Cms	385.3
Mechanical Q	Qms	1.79
Electrical Q	Qes	0.35
Total Q	Qts	0.29
Moving Mass (g)	Mms	70.3
Equivalent Air Volume (L)	Vas	72.1
Cabinet Type	Vented Box	
Recommended Box Volume (L)	Vb	60
Tuning Frequency (Hz)	Fb	31
-3dB Cut-Off Frequency (Hz)	F3	30