EM 428

Elite Midrange,
Ø 4", Ø 2.1" voicecoil, 8Ω

SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	118.5mm(4.66")x56m(2.20")
Nominal Power Handling (DIN)	**P**	150W
Transient Power 10ms		800W
Sensitivity 2.83V/1M		87dB SPL
Frequency Response		See graph
Cone Material		Damped Polymer Composite
Net Weight	**Kg**	0.518

Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	5.4Ω
Voice Coil Inductance @ 1KHz	**LBM**	0.36mH

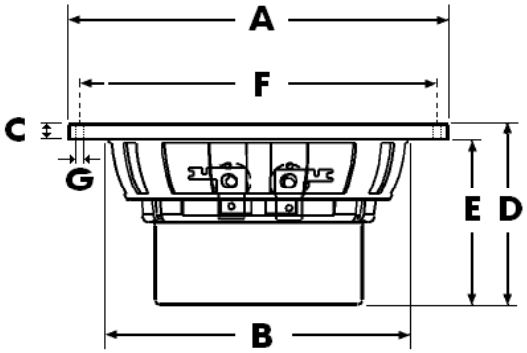
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	54mm
Voice Coil Height		12mm
HE Magnetic Gap Height	**HE**	6mm
Max. Linear Excursion	**X**	±3mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	**B**	0.88 T
BL Product	**BXL**	5.4 N.A

T-S Parameters			
Suspension Compliance	**Cms**	0.88 mm/N	
Mechanical Q Factor	**Qms**	3.03	
Electrical Q Factor	**Qes**	0.48	
Total Q Factor	**Qts**	0.41	
Mechanical Resistance	**Rms**	0.86 Kg/s	
Moving Mass	**Mms**	6.55 g	
Eq. Cas Air Load (liters)	**VAS**	3.5 Lt	
Resonant Frequency	**Fs**	68 Hz	
Effective Piston Area	**SD**	57 cm ²	

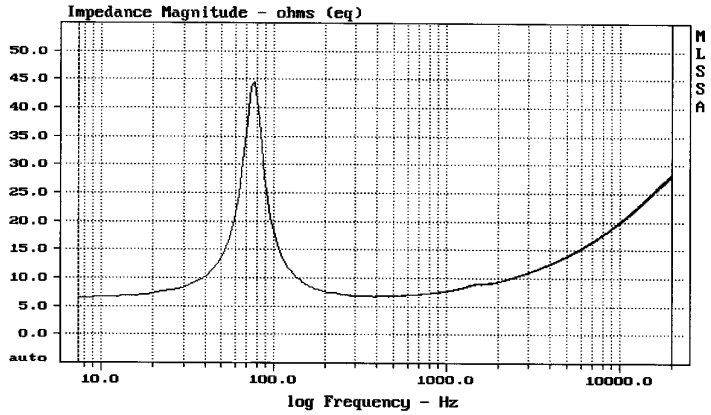
Features

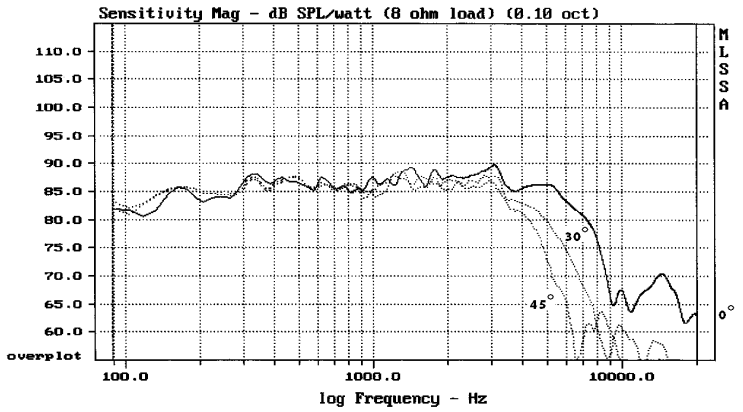
* Uniflow™ steel chassis
* Neodymium magnet system
* 2.1" Large Hexatech™ Aluminum voice coil
* High power handling
* Shallow profile D.P.C cone

Unit Dimensions



A - Overall diameter	118.5mm
B - Cut out diameter	94mm
C - Flange thickness	5mm
D - Overall height	56mm
E - Basket + magnet depth	51mm
F - Mounting holes location diameter	110mm
G - 4 Mounting holes, at 90º interval, inner hole diameter	Ø 3mm





Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.