



EM 428

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



SPECIFICATIONS

General Data

Overall Dimensions	DxH	118.5mm(4.66")x56mm(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

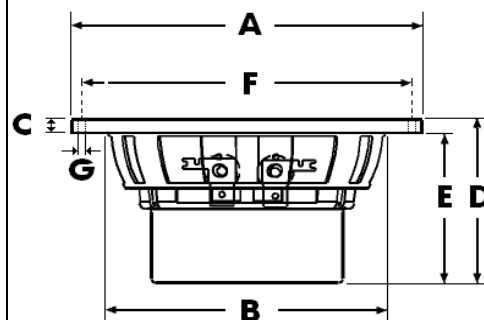
T-S Parameters

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

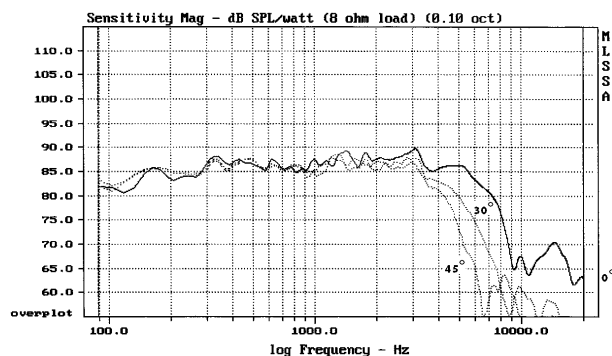
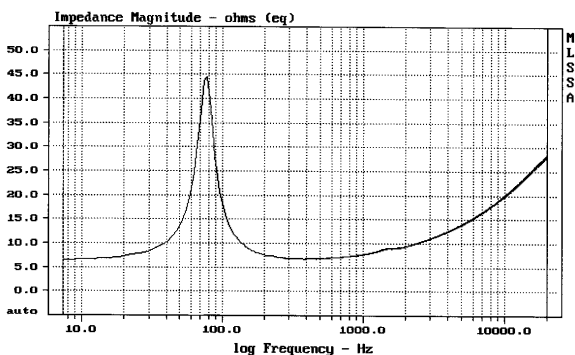
FEATURES

- * 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 90° interval, inner hole diameter	Ø 3mm



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

Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.