



EM 428

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



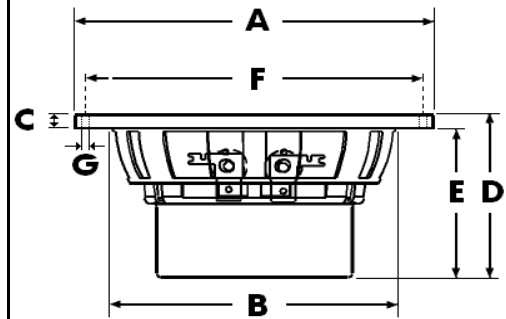
SPECIFICATIONS

Genral Data		
Overall Dimensions	DxH	118.5mmx56m
Nominal Power Handling (DIN)	P	150W
Transient Power 10ms		800W
Sensitivity 1W/1M		87dB SPL
Frequency Response		50-5,000 Hz
Cone/Dome 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	5mm
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

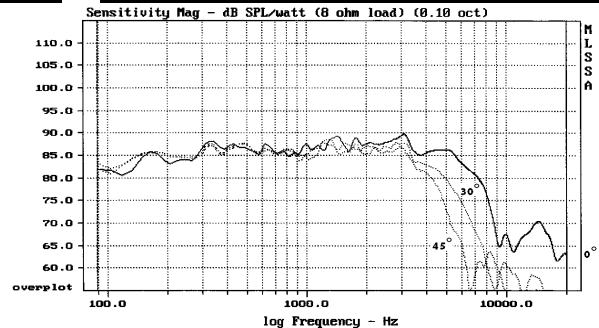
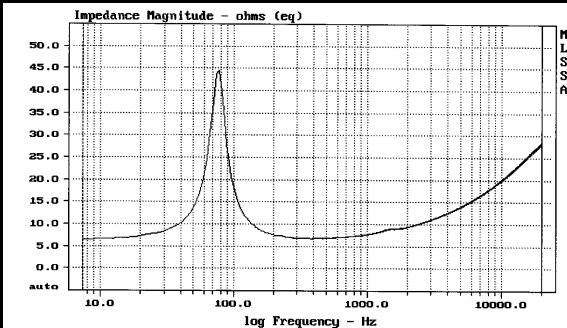
FEATURES

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

Unit Dimentions



- 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



This model replaces former Morel MW-114S model.

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