



# EW 428

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



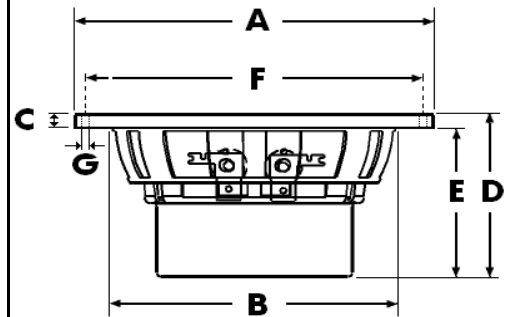
## SPECIFICATIONS

General Data		
Overall Dimensions	<b>DxH</b>	118.5mm(4.66")x56mm(2.20")
Nominal Power Handling (DIN)	<b>P</b>	150W
Transient Power 10ms		800W
Sensitivity 1W/1M		87dB SPL
Frequency Response		45-3500 Hz
Cone/Dome Material		Damped Polymer Composite
Net Weight	<b>Kg</b>	0.518
Electrical Data		
Nominal Impedance	<b>Z</b>	8Ω
DC Resistance	<b>Re</b>	6.3Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.44mH
Voice Coil and Magnet Parameters		
Voice Coil Diameter	<b>DIA</b>	54mm
Voice Coil Height		14mm
HE Magnetic Gap Height	<b>HE</b>	5mm
Max. Linear Excursion	<b>X</b>	± 4.5mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium vented
B Flux Density	<b>B</b>	0.94 T
BL Product	<b>BXL</b>	6.1 N.A
T-S Parameters		
Suspension Compliance	<b>Cms</b>	1.046 mm/N
Mechanical Q Factor	<b>Qms</b>	2.36
Electrical Q Factor	<b>Qes</b>	0.41
Total Q Factor	<b>Qts</b>	0.35
Mechanical Resistance	<b>Rms</b>	1.02 Kg/s
Moving Mass	<b>Mms</b>	6.16 g
Eq. Cas Air Load (liters)	<b>VAS</b>	4.7 Lt
Resonant Frequency	<b>Fs</b>	62 Hz
Effective Piston Area	<b>SD</b>	57 cm <sup>2</sup>

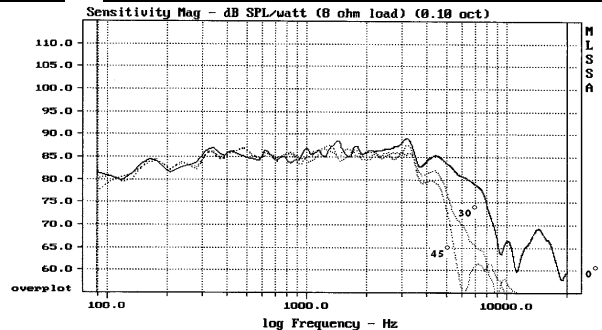
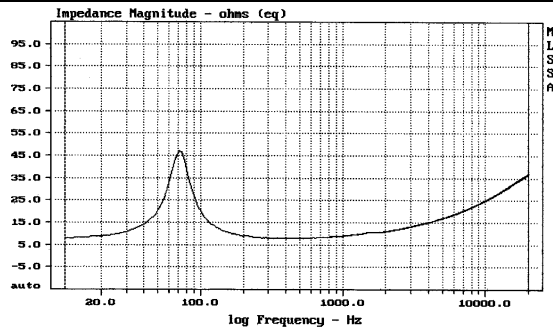
## FEATURES

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

## 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



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