



# CAW 938

Classic Advanced Woofer,  
 Ø 9", Ø 3" voicecoil, 8Ω



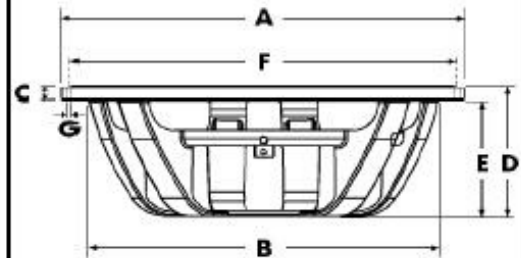
## SPECIFICATIONS

General Data		
Overall Dimensions	<b>DxH</b>	222mm(8.74")x76mm(2.99")
Nominal Power Handling (DIN)	<b>P</b>	150W
Transient Power 10ms		1000W
Sensitivity 1W/1M		87 dB SPL
Frequency Response		20-3000 Hz
Cone/Dome Material		Damped Polymer Composite
Net Weight	<b>Kg</b>	1.28
Electrical Data		
Nominal Impedance	<b>Z</b>	8Ω
DC Resistance	<b>Re</b>	6.4Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.61mH
Voice Coil and Magnet Parameters		
Voice Coil Diameter	<b>DIA</b>	75mm
Voice Coil Height		14.5mm
HE Magnetic Gap Height	<b>HE</b>	6mm
Max. Linear Excursion	<b>X</b>	± 4.25mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High flux double ferrite vented
B Flux Density	<b>B</b>	0.70 T
BL Product	<b>BXL</b>	7.05 N.A
T-S Parameters		
Suspension Compliance	<b>Cms</b>	0.763 mm/N
Mechanical Q Factor	<b>Qms</b>	2.59
Electrical Q Factor	<b>Qes</b>	0.8
Total Q Factor	<b>Qts</b>	0.6
Mechanical Resistance	<b>Rms</b>	2.399 Kg/s
Moving Mass	<b>Mms</b>	29 g
Eq. Cas Air Load (liters)	<b>VAS</b>	51 Lt
Resonant Frequency	<b>Fs</b>	31 Hz
Effective Piston Area	<b>SD</b>	219 cm <sup>2</sup>

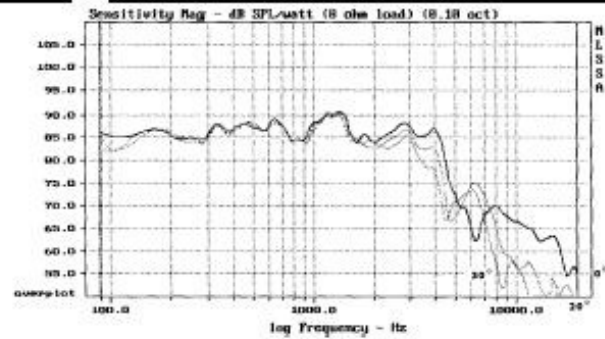
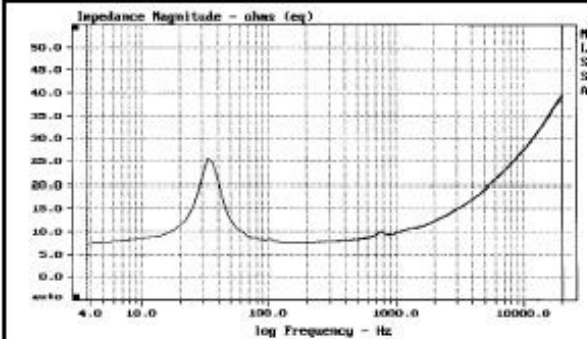
## FEATURES

- \* Uniflow™ Aluminum diecast chassis
- \* High flux ferrite double magnet system
- \* 3" Large Hexatech™ Aluminum voice coil
- \* High power handling
- \* Shallow profile D.P.C cone
- \* Improved parameters

## Unit Dimentions



- A - Overall diameter 222mm
- B - Cut out diameter 198mm
- C - Flange thickness 5mm
- D - Overall height 76mm
- E - Basket depth 71mm
- F - Mounting holes location diameter 214mm
- G - 8 Mounting holes, at 45° interval, inner hole diameter Ø 4.2mm



This model replaces former Morel MW-265 model.

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