UW 958

Ultimate Woofer,
Ø 9", Ø 5.1" voicecoil, 8Ω

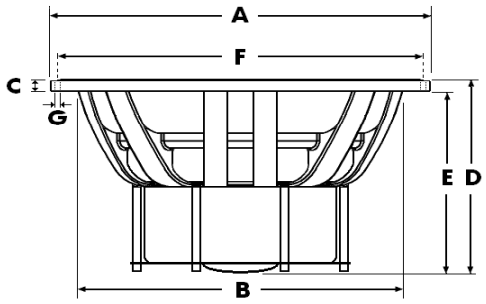
SPECIFICATIONS

General Data		
Overall Dimensions	**DxH**	222mmx125mm(8.74"x4.92")
Nominal Power Handling (DIN)	**P**	500W
Transient Power 10ms		1500W
Sensitivity 2.83V/1M		85.8 dB SPL
Frequency Response		See graph
Cone Material		Composite cellular fiber
Net Weight	**Kg**	5.95
Electrical Data		
Nominal Impedance	**Z**	8Ω
DC Resistance	**Re**	6.2Ω
Voice Coil Inductance @ 1KHz	**LBM**	1.32mH
Voice Coil and Magnet Parameters		
Voice Coil Diameter	**DIA**	130mm (5.1")
Voice Coil Height		35mm (1.37")
HE Magnetic Gap Height	**HE**	12mm (0.47")
Max. Linear Excursion	**X**	± 11.5mm (0.45")
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**	0.64 T
BL Product	**BXL**	13 N.A
T-S Parameters		
Suspension Compliance	**Cms**	0.47mm/N
Mechanical Q Factor	**Qms**	1.61
Electrical Q Factor	**Qes**	0.45
Total Q Factor	**Qts**	0.35
Mechanical Resistance	**Rms**	7.374Kg/s
Moving Mass	**Mms**	65.5 g
Eq. Cas Air Load (liters)	**VAS**	39.5 Lt
Resonant Frequency	**Fs**	28 Hz
Effective Piston Area	**SD**	243 cm ²

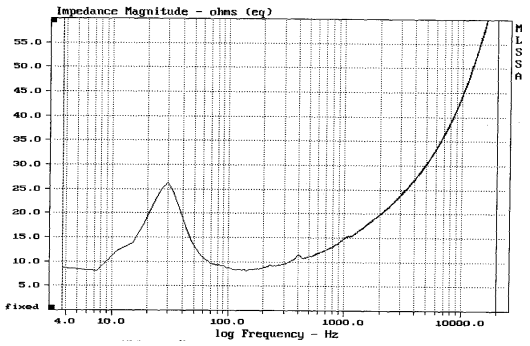
FEATURES

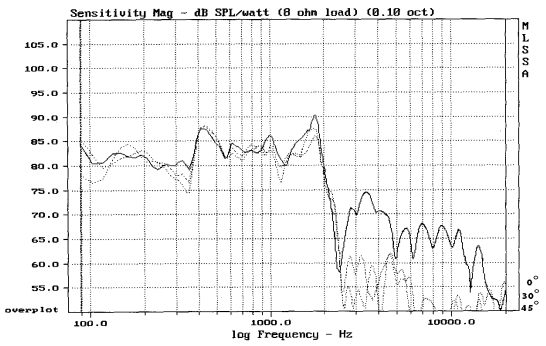
* Uniflow™ Aluminum diecast chassis
* High flux double Ferrite magnet system
* 5.1" Large Hexatech™ Aluminum voice coil
* One piece paper cone/center dome
* Accucenter™ self centering cone assembly
* PFS™ Progression Field Symmetry spider/surround engineering

Unit Dimensions



A - Overall diameter	222mm
B - Cut out diameter	200mm
C - Flange thickness	5mm
D - Overall height	125mm
E - Basket/magnet depth	120mm
F - Mounting holes location diameter	213mm
G - 6 Mounting holes, at 60° interval, inner hole diameter	Ø 5mm





Measured on IEC baffle using Bruel & Kjaer 3144 model microphone.
For correct readings, measurement should be conducted after a sufficient run-in period,
at minimum temperature of 21° C (69.8° F), for both drive unit and measurement environment.
Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.