



# ST 1108

## Supreme Tweeter,

### Ø 110mm, 8Ω

#### SPECIFICATIONS

##### General Data

Overall Dimensions	<b>DxH</b>	110mm(4.33")x40mm(1.57")
Nominal Power Handling (DIN)	<b>P</b>	220W/12dB
Transient Power 10ms		1000W
Sensitivity 1W/1M		91.5dB SPL
Frequency Response		1400-22,000
Cone/Dome Material		Acuflex™ hand coated soft dome
Net Weight	<b>Kg</b>	0.445

##### Electrical Data

Nominal Impedance	<b>Z</b>	8Ω
DC Resistance	<b>Re</b>	5.2Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.09mH

##### Voice Coil and Magnet Parameters

Voice Coil Diameter	<b>DIA</b>	28mm
Voice Coil Height		2.7mm
HE Magnetic Gap Height	<b>HE</b>	4.2mm
Max. Linear Excursion	<b>X</b>	
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Flat Pancake
B Flux Density	<b>B</b>	1.8 T
BL Product	<b>BXL</b>	

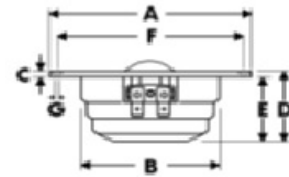
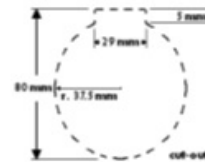
##### T-S Parameters

Suspension Compliance	<b>Cms</b>		
Mechanical Q Factor	<b>Qms</b>		
Electrical Q Factor	<b>Qes</b>		
Total Q Factor	<b>Qts</b>		
Mechanical Resistance	<b>Rms</b>		
Moving Mass	<b>Mms</b>	0.44 g	
Eq. Cas Air Load (liters)	<b>VAS</b>		
Resonant Frequency	<b>Fs</b>	680 Hz ±10%	
Effective Piston Area	<b>SD</b>	6.0 cm <sup>2</sup>	

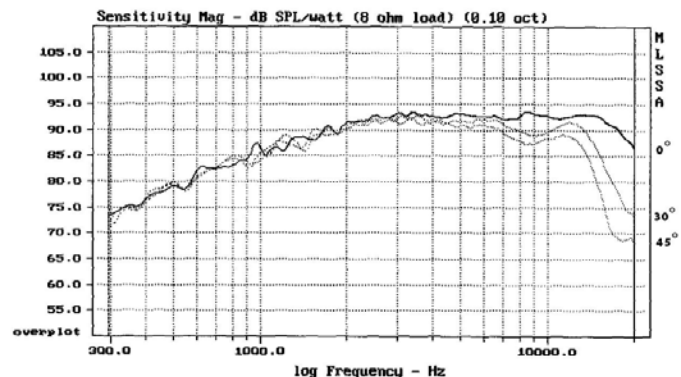
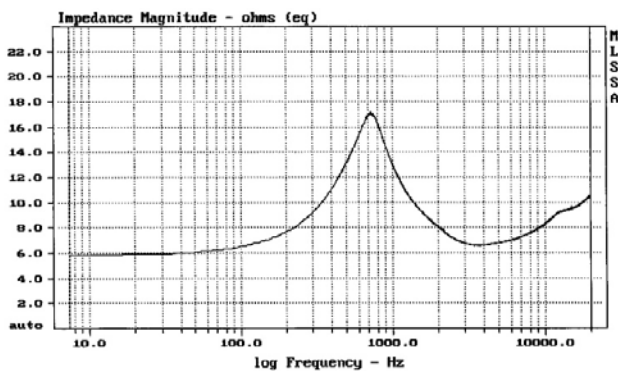
##### Features

- \* Underhung voice coil
- \* Large Hexatech™ aluminum voice coil
- \* 110mm IDR™ Improved Dispersion Recess
- \* Replaceable Acuflex™ dome / coil assembly
- \* Aluminum Face Plate
- \* Neodymium flat pancake design magnet
- \* High power handling

##### Unit Dimensions



A - Overall diameter	110mm
B - Magnet/Chamber diameter	75mm
C - Flange thickness	3mm
D - Overall height	40mm
E - Magnet/Chamber depth	37mm
F - Mounting holes location diameter	100mm
G - 6 Mounting holes, at 60° interval,	
inner hole diameter	Ø 3.7mm
pocket	h 1mm, Ø 7mm



This model replaces former Morel Supreme-110 model. Faceplate finish available in either Black or Silver

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