



ST 1108

Supreme Tweeter, Ø 110mm, 8Ω



Features:

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

SPECIFICATIONS

General Data

Overall Dimensions	DxH	110mm(4.33")x40mm(1.57")
Nominal Power Handling (DIN)	P	220W/12dB
Transient Power 10ms		1000W
Sensitivity 1W/1M		91.5dB SPL
Frequency Response		1400-22K (Limit 300 - 50K Hz)
Cone/Dome Material		Acuflex™ hand coated soft dome
Net Weight	Kg	0.445

Electrical Data

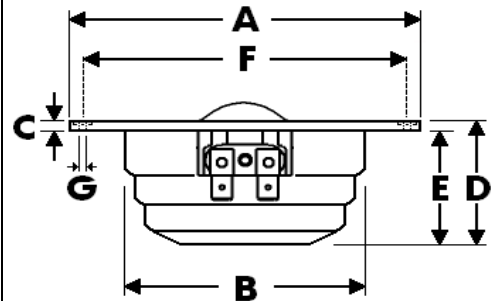
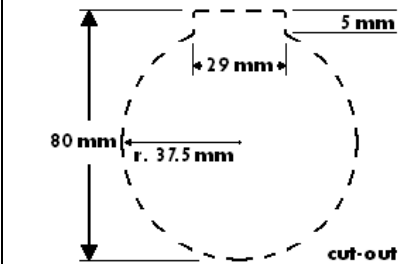
Nominal Impedance	Z	8Ω
DC Resistance	Re	5.2Ω
Voice Coil Inductance @ 1KHz	LBM	0.09mH

Voice Coil and Magnet Parameters

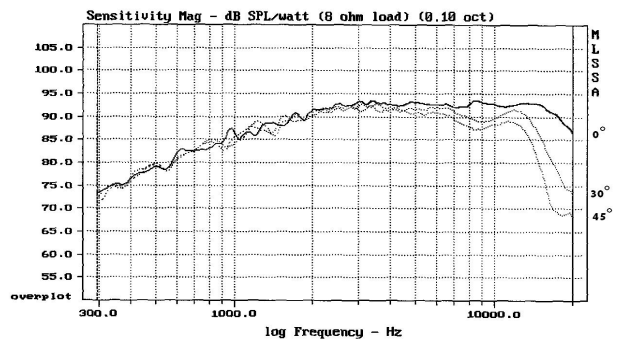
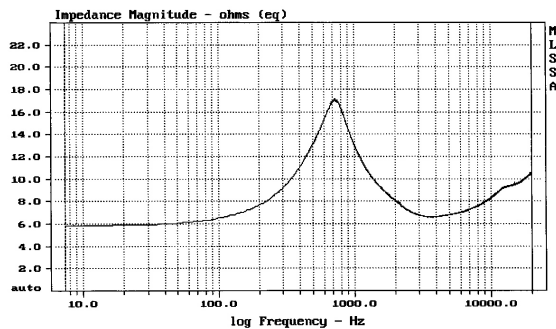
Voice Coil Diameter	DIA	28mm
Voice Coil Height		2.7mm
HE Magnetic Gap Height	HE	4.2mm
Max. Linear Excursion	X	
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Flat Pancake
B Flux Density	B	? T
BL Product	BXL	? N.A

T-S Parameters

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



- 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.

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