



TSCT 1104

Titanium Supreme Coppersleeve Tweeter

Ø 110 mm, 4Ω



SPECIFICATIONS

General Data

Overall Dimensions	DxH	110mm x 39mm(4" x 1.33")
Nominal Power Handling (DIN)	P	200 Watt
Transient Power 10ms		
Sensitivity 2.83V/1M		95 dB SPL
Frequency Response		See graph
Dome Material		Acuflex™ coated silk dome
Net Weight	Kg	0.5

Electrical Data

Nominal Impedance	Z	4Ω
DC Resistance	Re	4.19Ω
Voice Coil Inductance @ 1KHz	LBM	0.047mH

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	28mm
Voice Coil Height		2mm
HE Magnetic Gap Height	HE	4mm
Max. Linear Excursion	X	± 1mm
Voice Coil Former		Titanium
Voice Coil Wire		Hexatech™ 100% Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Vented
B Flux Density	B	
BL Product	BXL	

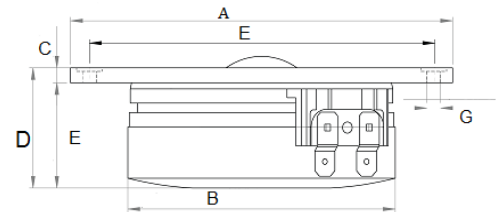
T-S Parameters

		Small Signal	1 volts
Suspension Compliance	Cms		
Mechanical Q Factor	Qms	2.44	2.41
Electrical Q Factor	Qes	0.55	0.53
Total Q Factor	Qts	0.44	0.43
Mechanical Resistance	Rms		3.37 ΩM
Moving Mass	Mms		
Eq. Cas Air Load (liters)	VAS		
Resonant Frequency	Fs	591 Hz	573 Hz
Effective Piston Area	SD		6.00 cm ²

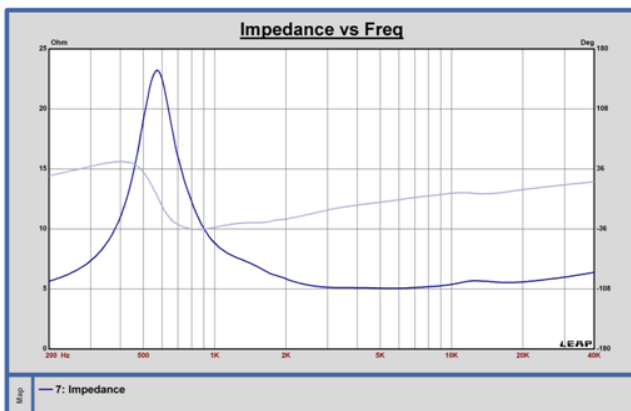
FEATURES

- ▶ Underhung voice coil
- ▶ 2.1" Large Hexatech™ Aluminum voice coil
- ▶ Neodymium flat pancake magnet
- ▶ High power handling
- ▶ 110 mm IDR™ Improved Dispersion Recess
- ▶ Titanium VC Former
- ▶ Replaceable Acuflex™ dome/coil assembly
- ▶ Aluminum die-cast rear chamber

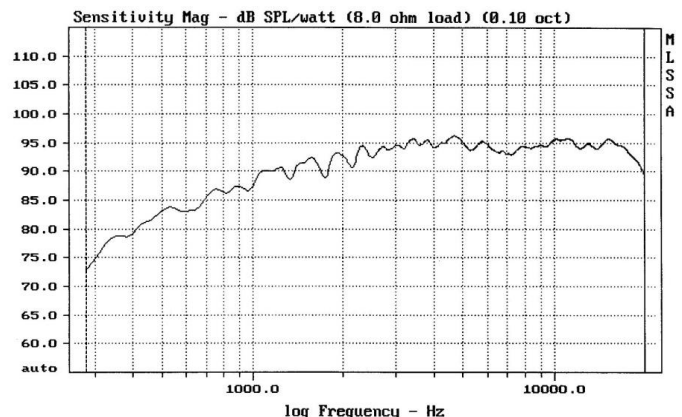
UNIT DIMENSIONS



A - Overall diameter	110mm
B - Cut out diameter	72.8mm
C - Flange thickness	4.2mm
D - Overall height	33.8mm
E - Basket depth	29.6mm
F - Mounting holes location diameter	94mm
G - 6 Mounting holes, at 60° interval, inner hole diameter	Ø 3.7 mm



Driver is mounted rigidly in free air with no baffle or enclosure. Input signal is a stepped sinusoidal at 1VRMS. Impedance is measured using constant-voltage method. No smoothing was applied.



Driver was mounted rigidly on an IEC baffle. Microphone distance is 0.5m, input voltage 2.83VRMS and normalized to 1m. 1/12 octave smoothing was applied.

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