

# **TSCT 1044**

# Titanium Supreme Coppersleeve Tweeter Ø 104 mm, $4\Omega$

## **SPECIFICATIONS**

#### **General Data**

Overall Dimensions	DxH	104mm x 32.3mm(4" x 1.27")
Nominal Power Handling (DIN)	Р	200 Watt
Transient Power 10ms		
Sensitivity 2.83V/1M		95 dBSPL
Frequency Response		See graph
Dome Material		Acuflex <sup>™</sup> 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**

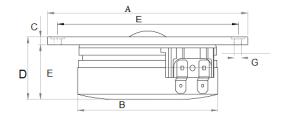
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Voice Coil Diameter	DIA	28mm
Voice Coil Height		2mm
HE Magnetic Gap Height	HE	4mm
Max. Linear Excursion	X	± 1mm
Voice Coil Former		Titanium
Voice Coil Wire		Hexatech™ 100% Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Vented
B Flux Density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

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 <sup>2</sup>

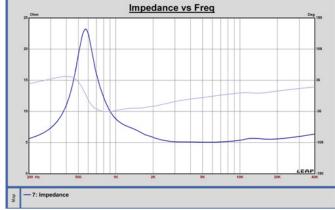
#### **FEATURES**

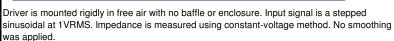
- Underhung voice coil
- ▶ 11/2" Large Hexatech™ Aluminum voice coil
- ► Neodymium flat pancake magnet
- ► High power handling
- ▶ 104 mm IDR<sup>™</sup> Improved dispesion Recess
- ► Titanium VC Former
- ► Replaceble Acuflex<sup>TM</sup> dome/coil assambly
- ► Aluminum die-cast rear chamber
- ► Copper shorting ring (in & out)

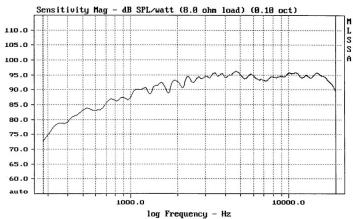
#### **UNIT DIMENSIONS**



A - Overall diameter	104mm
B - Cut out diameter	72.8mm
C - Flange thickness	3.0mm
D - Overall height	32.3mm
E - Basket depth	28.3mm
F - Mounting holes location diameter	94mm
G - 6 Mounting holes, at 60° interval,	
inner hole diameter	Ø 3.7 mm







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.