



# ST 728

## Supreme Tweeter, Ø 72mm, 8Ω



### SPECIFICATIONS

#### General Data

Overall Dimensions	<b>DxH</b>	72mm(2.83")x53mm(2.08")
Nominal Power Handling (DIN)	<b>P</b>	120W
Transient Power 10ms		1,000W
Sensitivity 1W/1M		91dB SPL
Frequency Response		1,500-22,000 Hz
Cone/Dome Material		Acuflex™ hand coated soft dome
Net Weight	<b>Kg</b>	0.21

#### Electrical Data

Nominal Impedance	<b>Z</b>	8Ω
DC Resistance	<b>Re</b>	5.2Ω
Voice Coil Inductance @ 1KHz	<b>LBM</b>	0.05mH

#### Voice Coil and Magnet Parameters

Voice Coil Diameter	<b>DIA</b>	28mm
Voice Coil Height		2.7mm
HE Magnetic Gap Height	<b>HE</b>	4.6mm
Max. Linear Excursion	<b>X</b>	0.95mm
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>	
BL Product	<b>BXL</b>	

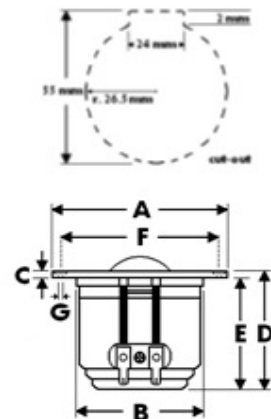
#### T-S Parameters

Suspension Compliance	<b>Cms</b>		
Mechanical Q Factor	<b>Qms</b>	0.8	
Electrical Q Factor	<b>Qes</b>	0.65	
Total Q Factor	<b>Qts</b>	0.36	
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>	800 Hz	
Effective Piston Area	<b>SD</b>	6.0 cm <sup>2</sup>	

#### Features

- \* Underhung voice coil
- \* Large Hexatech™ aluminum voice coil
- \* 72mm IDR™ Improved Dispersion Recess
- \* Aluminum Face Plate
- \* Replaceable Acuflex™ dome / coil assembly
- \* Neodymium flat pancake design magnet
- \* High power handling

#### Unit Dimensions



A - Overall diameter	72mm
B - Magnet/Chamber diameter	53mm
C - Flange thickness	3mm
D - Overall height	53mm
E - Magnet/Chamber depth	50mm
F - Mounting holes location diameter	64mm
G - 6 Mounting holes, at 60° interval,	
inner hole diameter	Ø 3.7mm
pocket	h 1mm, Ø 7mm

