

3" Full Range



Type Number: 830987

Features:

Peerless full range drivers set the standard for quality audio in products including flat panel televisions and sound bars, MP3 and cell phone docking stations, and multimedia PCs. With their high power handling, smooth, even dispersion and low distortion, the Peerless full range drivers can be paired with the Tymphany LAT250 for great bass performance.

Features include: A Neodymium motor structure and doubleventing system that helps keep dynamic range intact, as the transducer can handle more power and dissipate excess heat efficiently. An anodized aluminum dome provides superior sound dispersion and off-axis response. A semi-progressive surround reduces distortion, especially at high output through long excursion. The drivers' direct connected dome dust cap (connected to the magnet system voice coil) improves dispersion at high frequencies, providing superior sound on the high notes. The inserted cupper cap on the pole piece ensures control the system impedance, thereby extending the upper frequency range



Specs:

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Electrical Data				Power handling
Nominal impedance	Zn	8	ohm	Long-term Max Po
Minimum impedance	Zmin	6.6	ohm	Note: IEC 268-5 noise
Maximum impedance	Zo	50.6	ohm	
DC resistance	Re	6.3	ohm	Misc. Parameters
Voice coil inductance	Le	0.6	mΗ	Effortivo Eroquon
T-S Parameters				Effective Frequence Frequency at ka=2
Resonance Frequency	fs	95.5	Hz	
Mechanical Q factor	Qms	4.9		
Electrical Q factor	Qes	0.69		
Total Q factor	Qts	0.6		
Force factor	BI	3.5	Tm	
Mechanical resistance	Rms	0.28	Kg/s	
Moving mass	Mms	2.2	g	
Suspension compliance	Cms	1.24	mm/N	
Effective cone diameter	D	6.3	cm	
Effective piston area	Sd	31	cm ²	
Equivalent volume	Vas	1.6	Itrs	
Sensitivity (2.83V/1m)		85.5	dB	
Ratio BL/√(Re)		1.4		Notes: IEC specs refer to IEC
Ratio fs/Qts	F	158		All Tymphany products

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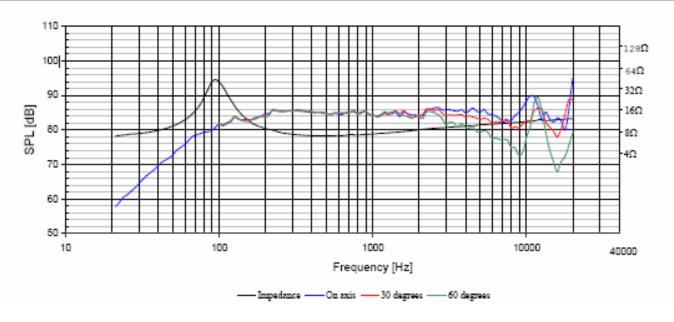
W ower (IEC 18.3)

e signal is used for the powertest.

54-Hz ncy range (IEC 21.2) 20k 3602

C 60268-5 third edition. All Tymphany products are RoHS compliant.

Frequency: 830987



Mechanical Dimensions:830987

