

XT/DX 1" Tweeter



Type Number: XT25BG60-04

Features:

The goal for this tweeter series was to create a transducer that has a frequency response that is flat to above 20K, and where the distortion is far lower than normal and more friendly to the ear. The tweeters represent a unique approach to tweeter design that has resulted in unrivaled performance, as well as in several patents (Dual Ring Radiator diaphragm, wave-guide center plug).

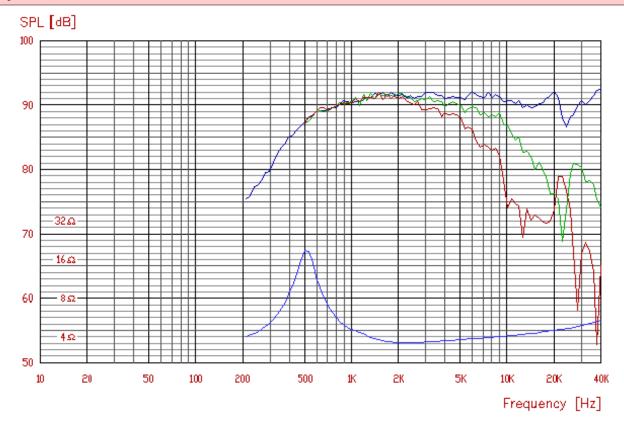
Driver Highlights: Dual Ring Radiator diaphragm (Patent), Waveguide center plug (Patent), copper-clad aluwire



Specs:

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Electrical Data				Power handling	550	10/
Nominal impedance	Zn	4	ohm	Long-term Max Power (IEC 18.3)	550	W
Minimum impedance	Zmin		ohm	Short Term Max power (IEC 18.2)		W
Maximum impedance	Zo	10.5	ohm	Note: IEC		
DC resistance	Re	2.9	ohm			
Voice coil inductance	Le		mΗ	Voice Coil and Magnet Parameters		
				Voice coil diameter	26	mm
T-S Parameters	_			Voice coil height	2.2	mm
Resonance Frequency	fs	630	Hz	Voice coil layers	2	
Mechanical Q factor	Qms			Height of the gap	2.5	mm
Electrical Q factor	Qes			Flux density of gap		mWb
Total Q factor	Qts			Total useful flux		mWb
Force factor	BI	2.8	Tm	Diameter of magnet		mm
Mechanical resistance	Rms	0.38	Kg/s	Height of magnet		mm
Moving mass	Mms	0.3	g	Weight of magnet		Kg
Suspension compliance	Cms	0.21	mm/N	vvoignt of magnet		9
Effective cone diameter	D		cm			
Effective piston area	Sd	5.4	cm ²			
Equivalent volume	Vas		ltrs	Notes:		
Sensitivity (2.83V/1m)		92.4	dB	IEC specs refer to IEC 60268-5 third edition. All Tymphany products are RoHS compliant.		
2010tt vity (2.00 V/ 1111)			-	All Tymphany products are Norts compliant.		

Frequency: XT25BG60-04



Mechanical Dimensions:XT25BG60-04

