

Model No.: PMT-20N12AL03-04

Rev: 1

Product Line: Tymphany

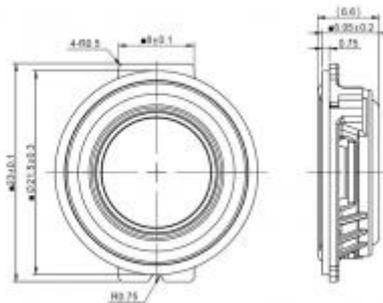
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## Product Description

This 20 mm 4 ohm compact Premium Micro Transducer is designed for computer, television array, and similar applications. It features a neodymium-iron-boron magnet, a light aluminium cone, and a high-temperature polycarbonate frame. The PMT family's transducers feature low resonant frequencies and a full range bandwidth.



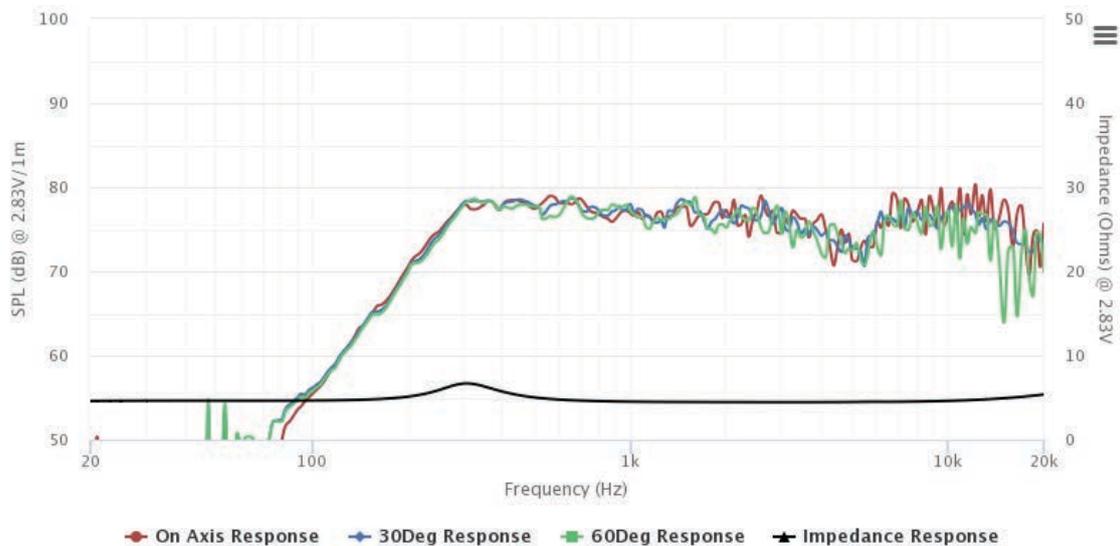
## Mechanical Drawing



## Specifications

DC Resistance	Revc	Ohms	3.62	5.0%	Energy Bandwidth Product	EBP	(1/Qes)*fs
Minimum Impedance	Zmin	Ohms	4.46	7.5%	Moving Mass	Mms	g
Voice Coil Inductance	Le	mH	0.02		Suspension Compliance	Cms	um/N
Resonant Frequency	Fs	Hz	398.7	15%	Effective Cone diameter	D	cm
Mechanical Q Factor	Qms		1.89		Effective Piston Area	Sd	cm <sup>2</sup>
Electrical Q Factor	Qes		4.49		Effective Volume	Vas	L
Total Q Factor	Qts		1.33		Motor Force Factor	BL	Tm
Ratio Fs/Qts	F	Fs/Qts	300		Motor Efficiency Factor	β	(T*M <sup>2</sup> )/Ohms
Half Space Sensitivity @2.83V	db@2.83V/1M	dB	76.09	+/- 1.0db	Voice coil former Material	VCfm	KSV
Half Space Sensitivity @1W/1M	db@1W/1M	dB	73.5	+/- 1.0db	Voice coil inner diameter	VCd	mm
Gap Height	Gh	mm	0.8		Rated Noise Power	P	W
Maximum Linear Excursion	Xmax	mm	0.3		Test Spectrum Bandwidth		400-20K
Ferrofluid Type	FF				Driver Size	Inch	20 mm
Driver Mass	Kg		0				

## Frequency and Impedance Response



Highcharts.com