

**XT**  
**3/4" Tweeter**



**Type Number:** XT19TD00-04

**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 concentric diaphragm, wave-guide center plug).

**Driver Highlights:** 3/4" tweeter, Dual concentric diaphragm (Patent), Wave-guide center plug (Patent), copper-clad aluwire



**Specs:**

**Electrical Data**

Nominal impedance	Zn	4	ohm
Minimum impedance	Zmin	--	ohm
Maximum impedance	Zo	13	ohm
DC resistance	Re	2.9	ohm
Voice coil inductance	Le	0.0115	mH

**T-S Parameters**

Resonance Frequency	fs	681.9	Hz
Mechanical Q factor	Qms	2.39	
Electrical Q factor	Qes	0.82	
Total Q factor	Qts	0.61	
Force factor	Bl	1.7	Tm
Mechanical resistance	Rms	0.32	Kg/s
Moving mass	Mms	0.2	g
Suspension compliance	Cms	--	mm/N
Effective cone diameter	D	--	cm
Effective piston area	Sd	4.55	cm <sup>2</sup>
Equivalent volume	Vas	--	ltrs
Sensitivity		89	dB

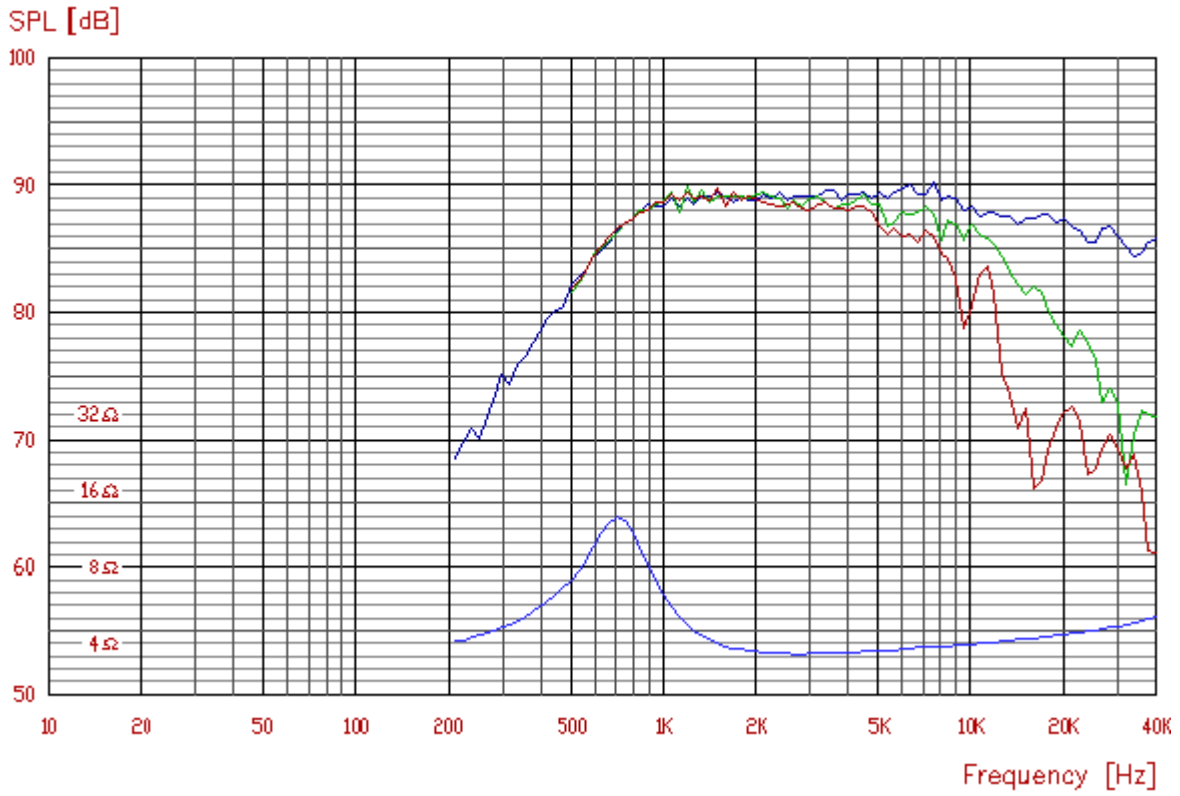
**Power handling**

Long-term Max System Power (IEC)	--	W
Short Term Max power	--	W

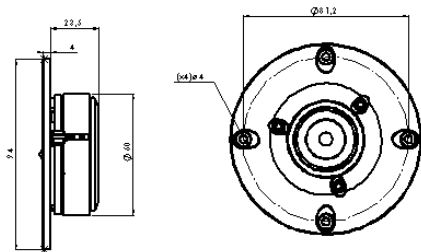
**Voice Coil and Magnet Parameters**

Voice coil diameter	19	mm
Voice coil height	1.8	mm
Voice coil layers	--	
Height of the gap	2.5	mm
Flux density of gap	--	mWb
Total useful flux	--	mWb
Diameter of magnet	--	mm
Height of magnet	--	mm
Weight of magnet	--	Kg

**Frequency:**



**Mechanical Dimensions:**



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