

Tweeter

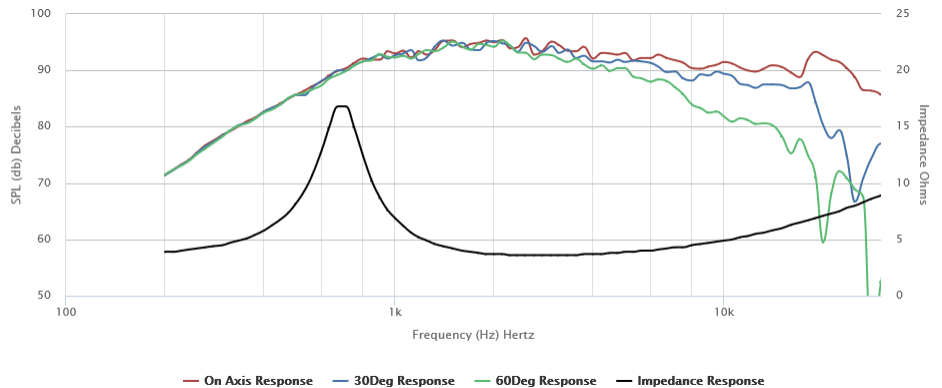
This DX family tweeter features a 25 mm diameter 4 ohm ferrofluid-cooled voice coil, a damped silk diaphragm with large surround roll to produce a low resonant frequency, and a ferrite magnet motor . The faceplate features recessed mounting holes to minimize reflections.



DX25TG09-04

SPECIFICATIONS									
DC Resistance	Revc	Ω	3	$\pm 5.0\%$	Moving Mass	Mms	g	0.4	
Minimum Impedance	Zmin	Ω	3.61	$\pm 7.5\%$	Suspension Compliance	Cms	um/N	141.1	
Voice Coil Inductance	Le	mH	0.02	-	Effective Cone Diameter	D	cm	3.24	
Resonant Frequency	fs	Hz	702.87	15%	Effective Piston Area	Sd	cm ²	8.2	
Mechanical Q Factor	Qms	-	3.43	-	Equivalent Volume	Vas	L	0.01	
Electrical Q Factor	Qes	-	0.69	-	Motor Force Factor	BL	T•m	2.64	
Total Q Factor	Qts	-	0.58	-	Motor Efficiency Factor	β	(T•m ²)/ Ω	2.3	
Ratio	fs/Qts	-	1220.26	-	Voice Coil Former Material	VCfm	-	ASV	
Half Space Sensitivity	dB@2.83V/1m	dB	93.96	± 1.01	Voice Coil Inner Diameter	VCd	mm	25.76	
Sensitivity	1W/1m	dB	90.5	± 1.01	Gap Height	Gh	mm	2	
Rated Noise Power (IEC 2685 18.1)	P	W	100	-	Maximum Linear Excursion	Xmax	mm	0.1	
Test Spectrum Bandwidth	1300 Hz - 20k Hz	12 dB/Oct	800Hz-2.5KHz	-	Ferrofluid Type	FF	-	APGS11N	
Energy Bandwidth Product	EBP	(1/Qes)•fs	-	-	Transducer Size	-	-	25mm	
				-	Transducer Mass	-	Kg	0.5	

FREQUENCY & IMPEDANCE RESPONSE



MECHANICAL 2D DRAWING

