

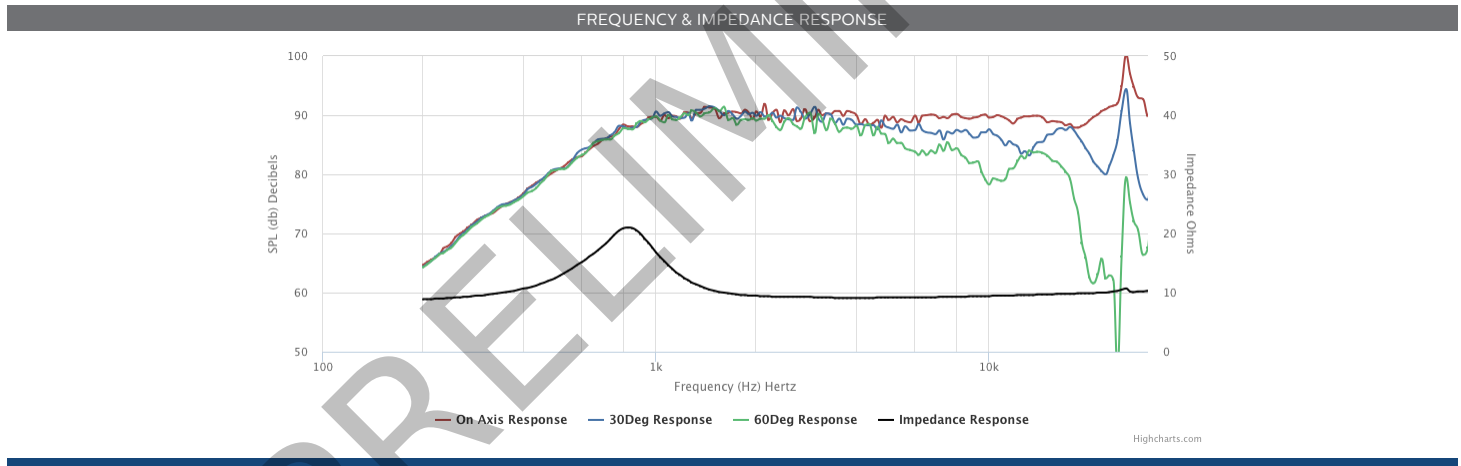
## Tweeter

This D family tweeter features an 8 ohm 1 inch voice coil, a Al dome, large rear chamber for low resonant frequency, and a ferrofluid-cooled ferrite motor. The large motor and rear chamber allow for robust power handling capacity. The tweeter comes with a faceplate with recessed mounting holes, for easy installation into the desired application.



DA25BG08-08

SPECIFICATIONS									
DC Resistance	Revc	$\Omega$	7.03	$\pm 5.0\%$	Moving Mass	Mms	g	0.3	
Minimum Impedance	Zmin	$\Omega$	9.11	$\pm 7.5\%$	Suspension Compliance	Cms	um/N	111.5	
Voice Coil Inductance	Le	mH	0.02	-	Effective Cone Diameter	D	cm	2.91	
Resonant Frequency	fs	Hz	856.39	15%	Effective Piston Area	Sd	cm <sup>2</sup>	6.7	
Mechanical Q Factor	Qms	-	1.98	-	Equivalent Volume	Vas	L	0.01	
Electrical Q Factor	Qes	-	1.18	-	Motor Force Factor	BL	T•m	3.15	
Total Q Factor	Qts	-	0.74	-	Motor Efficiency Factor	$\beta$	(T•m <sup>2</sup> )/ $\Omega$	1.4	
Ratio	fs/Qts	-	1160.41	-	Voice Coil Former Material	VCfm	-		
Half Space Sensitivity	dB@2.83V/1m	dB	89.81	$\pm 1.01$	Voice Coil Inner Diameter	VCd	mm	25.4	
Sensitivity	1W/1m	dB	90.4	$\pm 1.01$	Gap Height	Gh	mm	3	
Rated Noise Power (IEC 268-5 18.1)	P	W	100	-	Maximum Linear Excursion	Xmax	mm	0.8	
Test Spectrum Bandwidth	1300 Hz - 20k Hz	12 dB/Oct	2KHz-20KHz	-	Ferrofluid Type	FF	-		
Energy Bandwidth Product	EBP	(1/Qes)•fs		-	Transducer Size	-	-	1 in	
				-	Transducer Mass	-	Kg	0.68	



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