

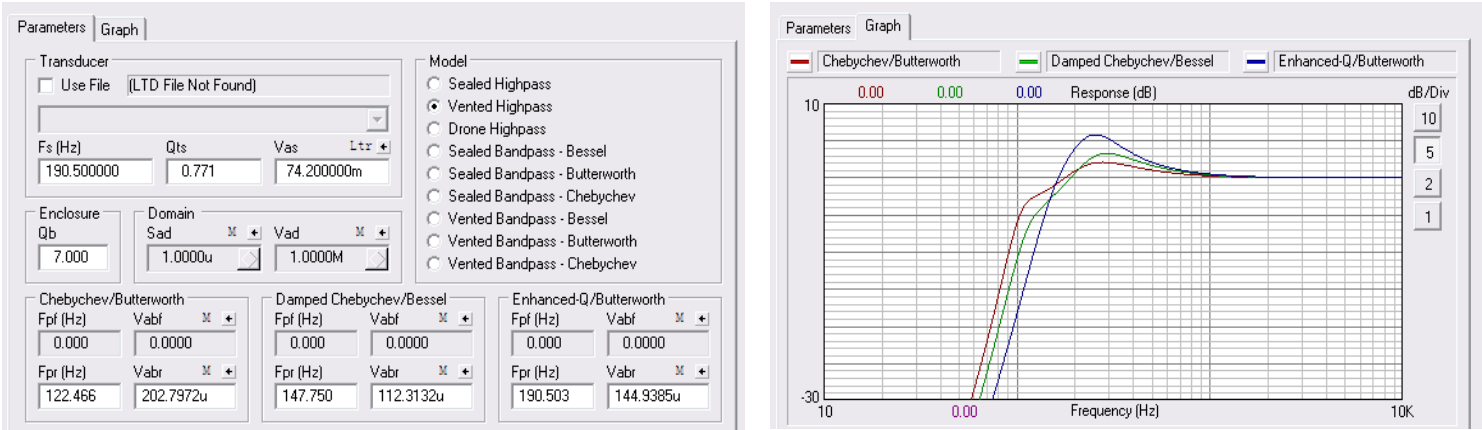


Model Number: JM-AL040-20-08-B
Spec: 40mm 8Ω 5W

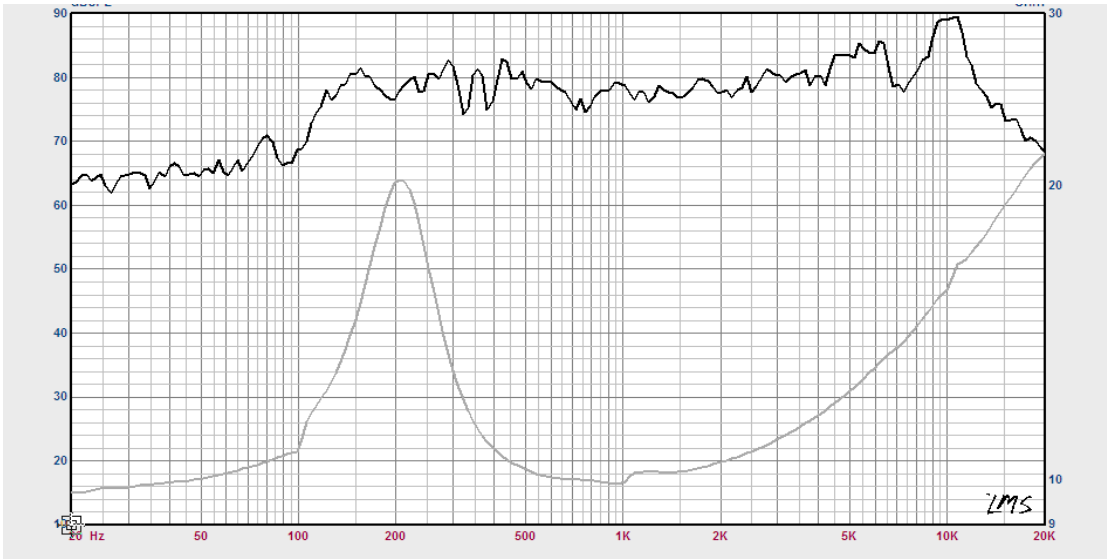
这是一款应用于便携式数码音箱的高效率全频扬声器。磁路部分采用两个钕磁，增强了磁通密度，提高产品声压特性，同时有效的减小产品体积和重量。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。



LEAP Emulational Frequency Response



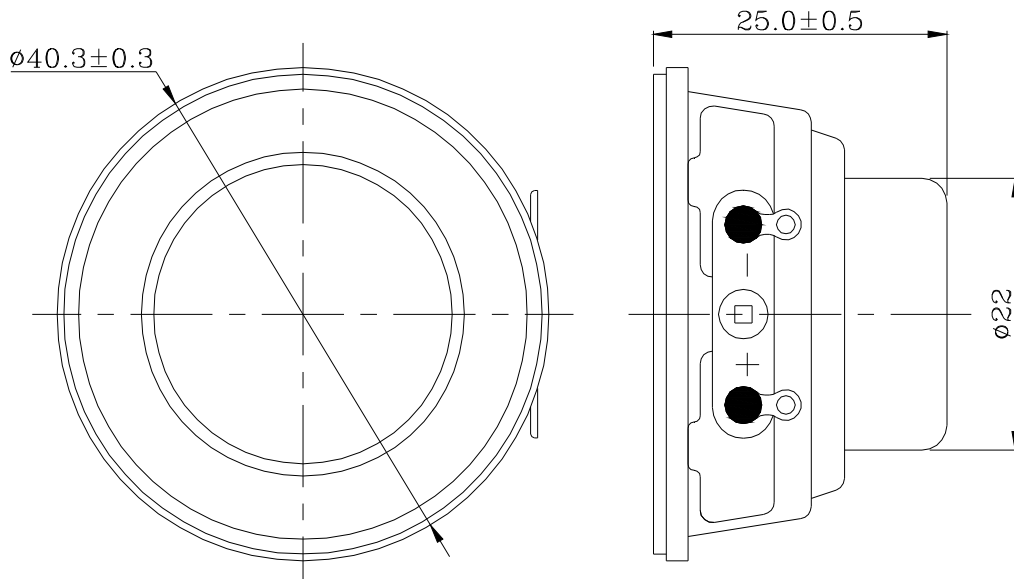
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	7.2	$\pm 7.5\%$	Energy Bandwidth product	EBP	$(1/Q_{es}).f_s$	156.5
Minimum impedance	Zmin	Ω	8	$\pm 7.5\%$	Moving Mass	Mms	g	0.759
Voice Coil inductance	Le	mH	6.04		Suspension Compliance	Cms	um/N	918
Resonant Frequency	Fs	Hz	190.5	$\pm 20\%$	Effective Cone Diameter	SD	cm	7.54
Mechanical Q factor	Qms	-	2.105		Equivalent Volume	Vas	mL	74.28
Electrical Q factor	Qes	-	1.217		Motor Efficiency Factor	BL	T.M	2.32
Total Q facto	Qts	-	0.771		Voice Coil Former Material	VCfm	-	16.28
Ratio	Fs/Qts	-	247.08		Voice Coil Inner Diameter	VCd	mm	Kapton
Half Space Sensitivity @	1w/0.5m	dB	78.1 $\pm$ 2		Gap Height	Gh	mm	3
rated Noise Power(IEC 2685 18.1)	P	W	5		Maximum Linear Excursion	Xmax	mm	1.075
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	NeFeB
					Transducer Size	-	-	40
					Transducer Mass	-	g	31.9

Mechanical 2D Drawing



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