

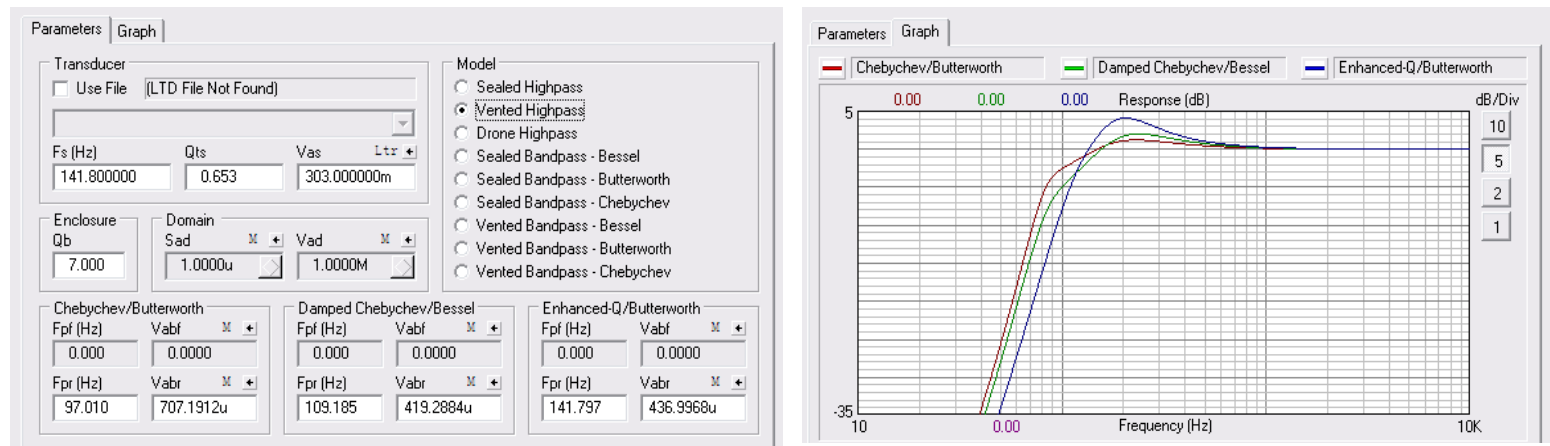


Model Number: JM-FL052-17-04
Spec: 52mm 3Ω 3W

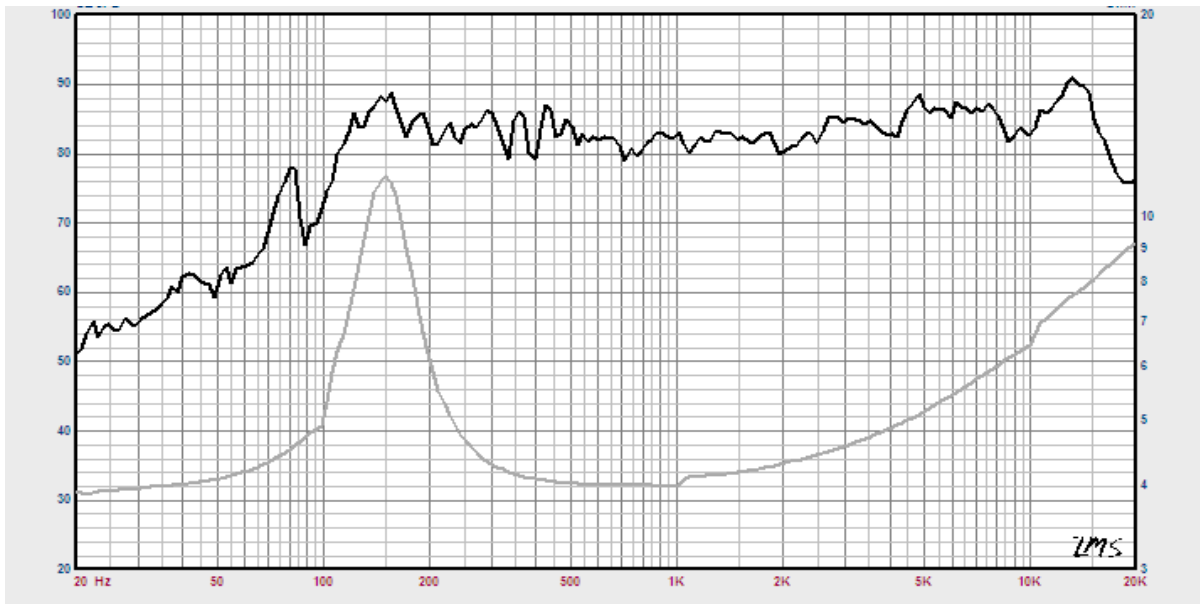
这是一款应用于便携式数码音箱，蓝牙音箱的高效率全频扬声器。磁路部分采用铁氧体和钕铁硼材料相结合设计，增强了磁通密度，提高产品声压特性，并改善了产品散热能力，同时大大提升了产品性价比。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辐射特性。



LEAP Emulational Frequency Response



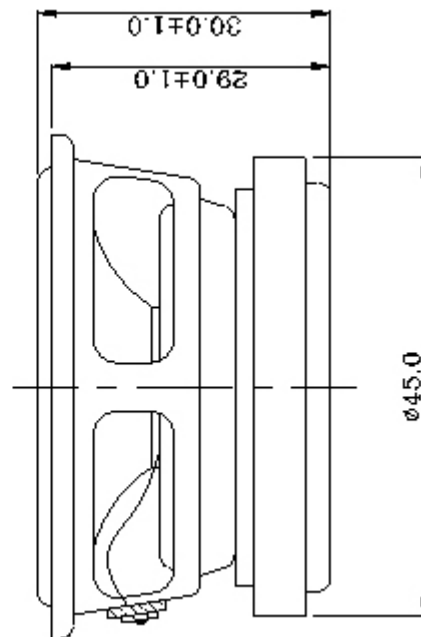
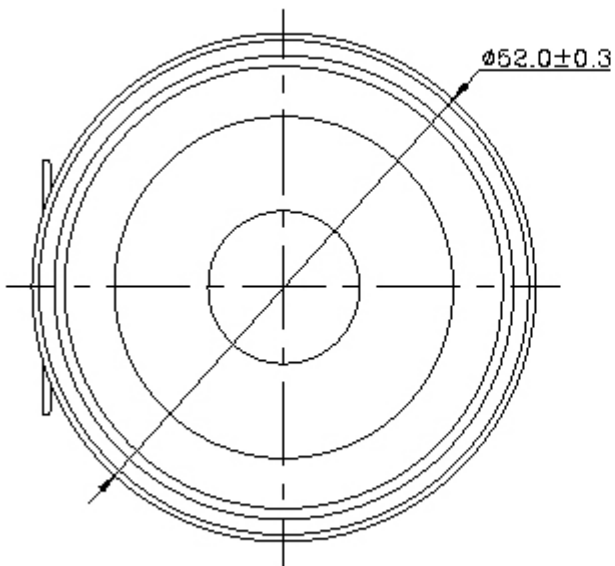
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	2.6	$\pm 7.5\%$	Energy Bandwidth product	EBP	$(1/Q_{es}).f_s$	176
Minimum impedance	Zmin	Ω	3	$\pm 7.5\%$	Moving Mass	Mms	g	0.931
Voice Coil inductance	Le	mH	3.041		Suspension Compliance	Cms	um/N	1.352
Resonant Frequency	Fs	Hz	141.8	$\pm 20\%$	Effective Cone Diameter	SD	cm	12.57
Mechanical Q factor	Qms	-	3.452		Equivalent Volume	Vas	mL	303
Electrical Q factor	Qes	-	0.805		Motor Efficiency Factor	BL	T.M	1.606
Total Q facto	Qts	-	0.653		Voice Coil Former Material	VCfm	-	16.28
Ratio	Fs/Qts	-	217		Voice Coil Inner Diameter	VCd	mm	Kapton
Half Space Sensitivity @	1w/1m	dB	82.2 $\pm$ 2		Gap Height	Gh	mm	3
rated Noise Power(IEC 2685 18.1)	P	W	3		Maximum Linear Excursion	Xmax	mm	0.47
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	Ferrite
					Transducer Size	-	-	52
					Transducer Mass	-	g	111.8

Mechanical 2D Drawing



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