

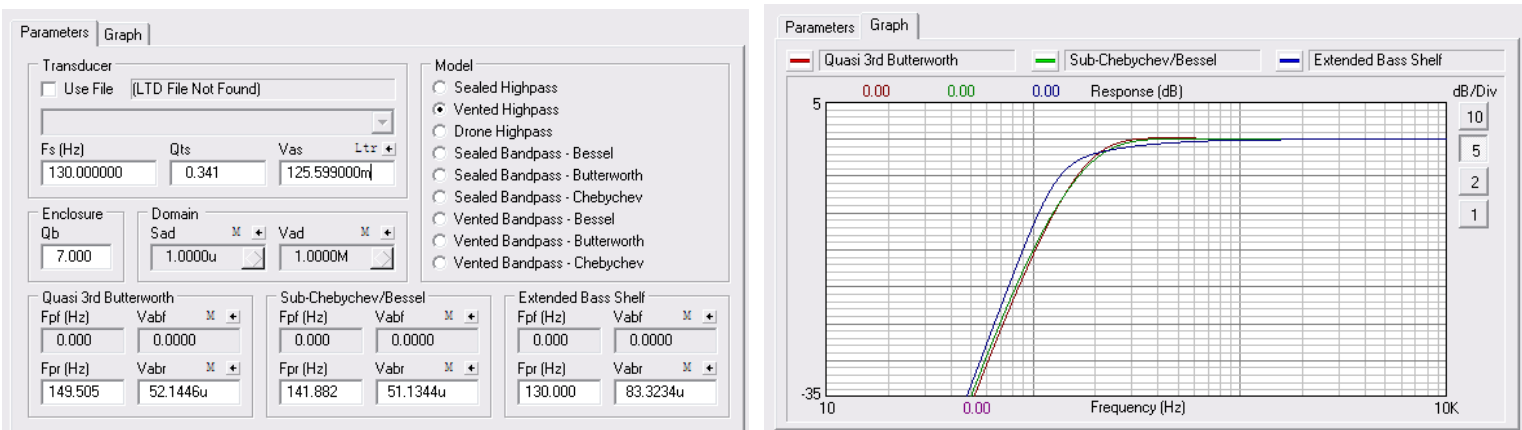


Model Number: JM-AL050-23-04
Spec: 50mm 4Ω 10W

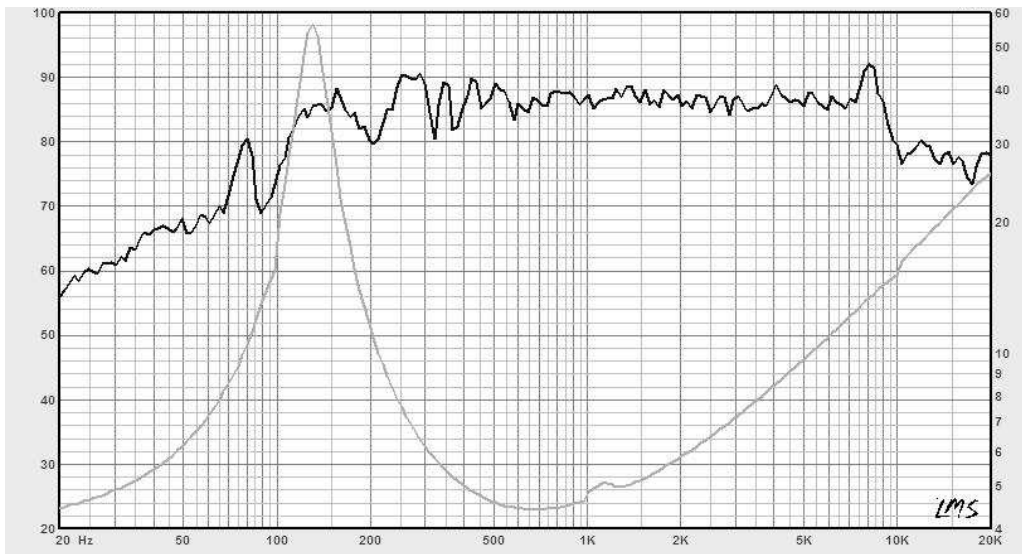
这是一款应用于便携式数码音箱，蓝牙音箱的高效率全频扬声器。磁路部分采用两个钕磁，增强了磁通密度，提高产品声压特性，同时有效的减小产品体积和重量。振动系统采用较轻的高耐疲劳度橡胶材质悬边+进口纸浆胴体，有效改善中高频及声压特性，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。音圈采用大口径铜线设计，增加低音力度。



LEAP Emulational Frequency Response



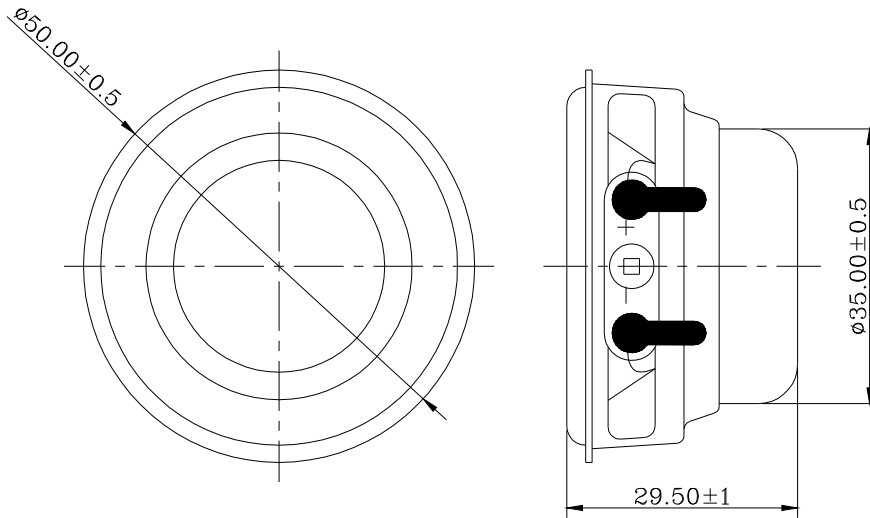
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	3.5	±7.5%	Energy Bandwidth product	EBP	(1/Qes).fs	353.2
Minimum impedance	Zmin	Ω	4	±7.5%	Moving Mass	Mms	g	2.61
Voice Coil inductance	Le	mH	10.609		Suspension Compliance	Cms	um/N	559.7
Resonant Frequency	Fs	Hz	130	±20%	Effective Cone Diameter	SD	cm	12.57
Mechanical Q factor	Qms	-	4.6		Equivalent Volume	Vas	mL	125
Electrical Q factor	Qes	-	0.368		Motor Efficiency Factor	BL	T.M	3.73
Total Q facto	Qts	-	0.341		Voice Coil Former Material	VCfm	-	ASV
Ratio	Fs/Qts	-	381.2		Voice Coil Inner Diameter	VCd	mm	25.5
Half Space Sensitivity @	1w/1m	dB	80±2		Gap Height	Gh	mm	3
rated Noise Power(IEC 2685 18.1)	P	W	10		Maximum Linear Excursion	Xmax	mm	1.2
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	NeFeB
					Transducer Size	-	-	50
					Transducer Mass	-	g	86.5

Mechanical 2D Drawing



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