

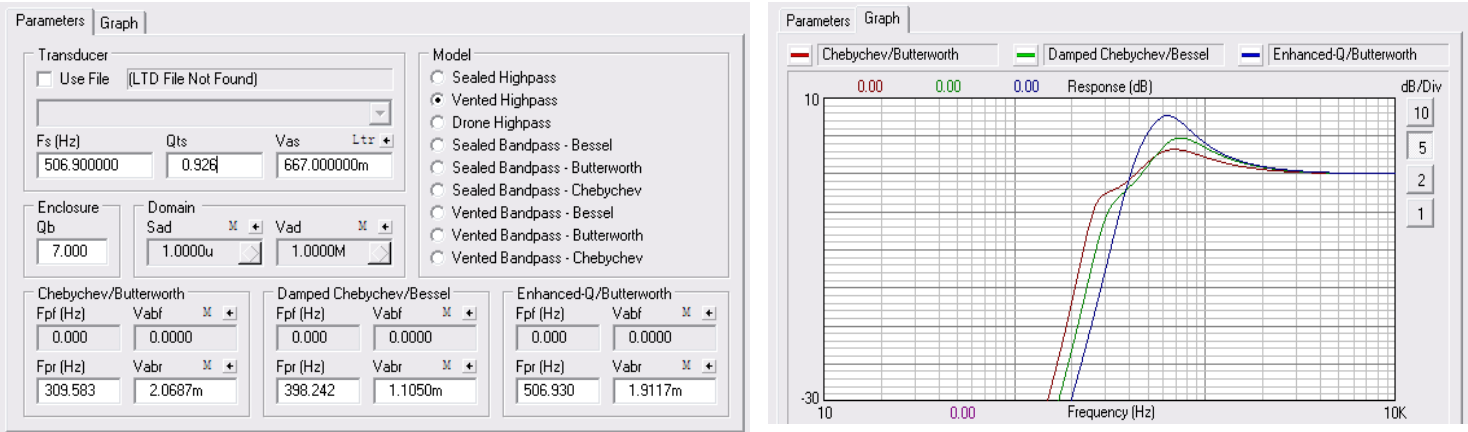


Model Number: JM-AL027-02-08
Spec: 27mm 8Ω 2W

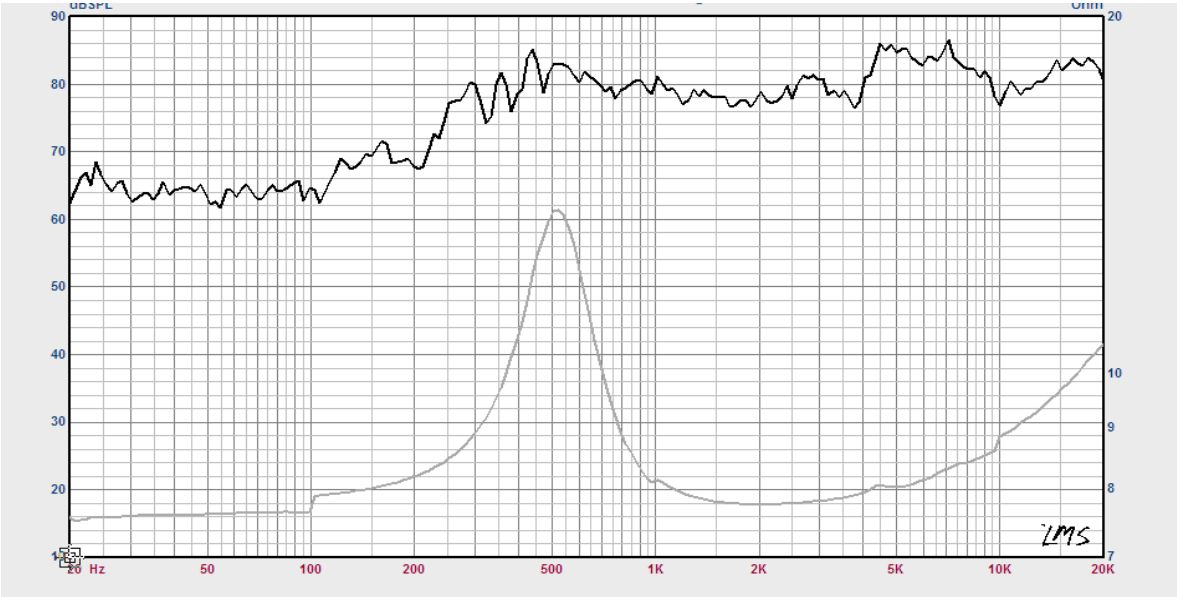
这是一款专门为便携式数码音箱而设计的超薄扬声器。支架采用高强度 ABS 材料，有利于磁通集中，减小漏磁。磁路部分采用钕铁硼材料磁路设计，增强了磁通密度，提高产品声压特性，同时有效的减小产品体积和重量。振动系统采用较轻的高耐疲劳 PU 悬边+咪啦一体胴体，有效改善中高频及声压特性，无弹波设计，使喇叭工作在高顺性状态，有效的降低失真提升中高频解渐度，同时改善小口径喇叭低频辅射特性。音圈相对采用大口多层铝线设计，大大提升产品音压及低频特性。



LEAP Emulational Frequency Response



Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	6.8	$\pm 7.5\%$	Energy Bandwidth product	EBP	$(1/Q_{es}).f_s$	253
Minimum impedance	Zmin	Ω	8	$\pm 7.5\%$	Moving Mass	Mms	g	2.284
Voice Coil inductance	Le	mH	4.032		Suspension Compliance	Cms	$\mu m/N$	43.1
Resonant Frequency	Fs	Hz	507	$\pm 20\%$	Effective Cone Diameter	SD	cm	3.3
Mechanical Q factor	Qms	-	1.726		Equivalent Volume	Vas	mL	667
Electrical Q factor	Qes	-	1.997		Motor Efficiency Factor	BL	T.M	4.977
Total Q facto	Qts	-	0.926		Voice Coil Former Material	VCfm	-	Kapton
Ratio	Fs/Qts	-	547		Voice Coil Inner Diameter	VCd	mm	14.28
Half Space Sensitivity @	1w/1m	dB	79.5 ± 2		Gap Height	Gh	mm	1.5
rated Noise Power(IEC 2685 18.1)	P	W	2		Maximum Linear Excursion	Xmax	mm	0.51
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	NeFeB
					Transducer Size	-	-	27
					Transducer Mass	-	g	12.1

Mechanical 2D Drawing

