

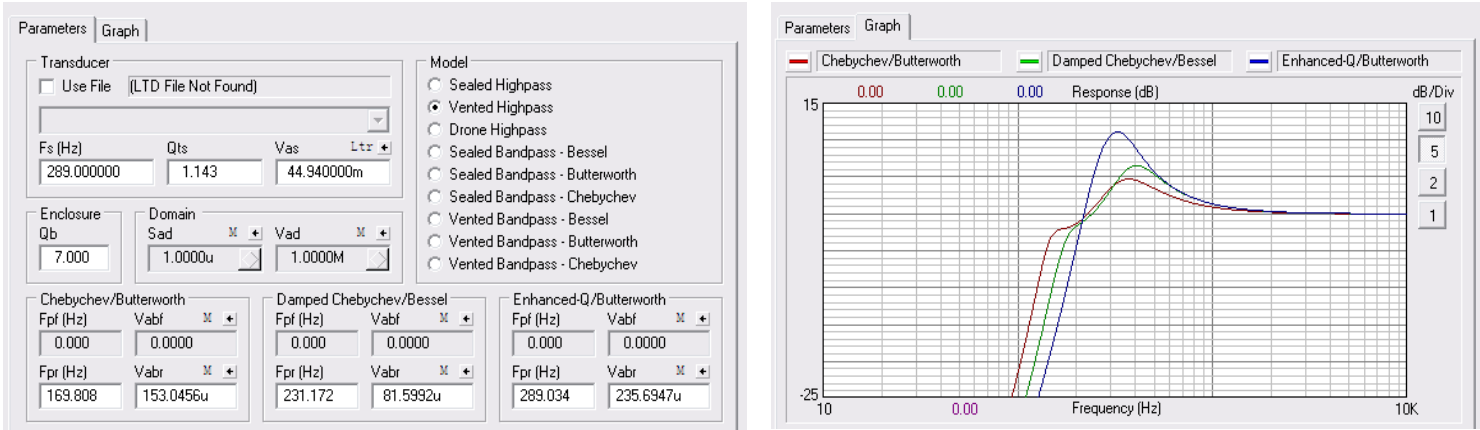


Model Number: JM-AL031-04-04 A
Spec: 31mm 4Ω 1.5W

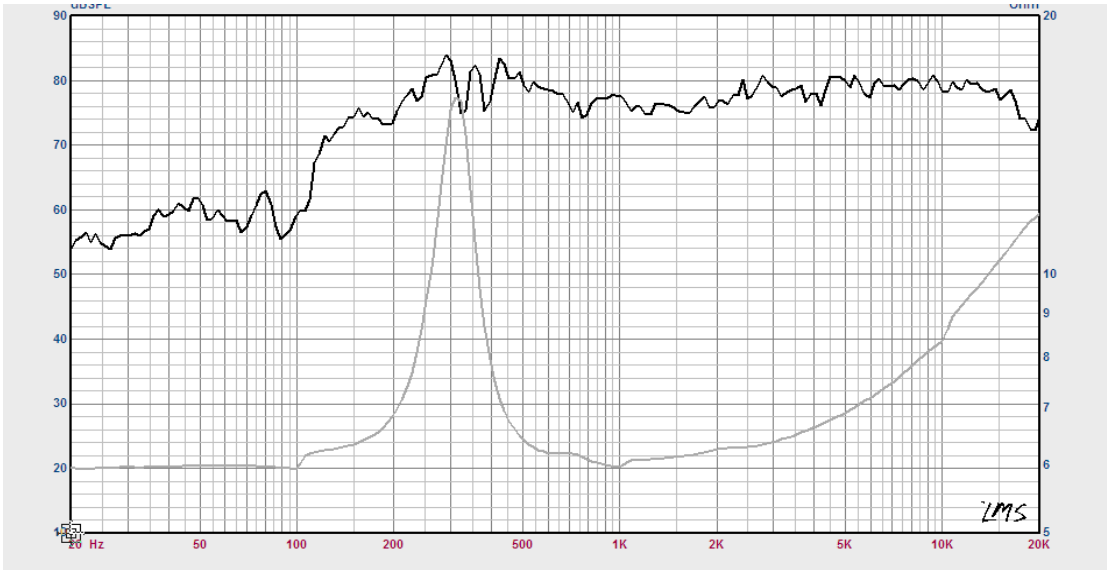
这是一款应用于便携式数码音箱的高效率全频扬声器。支架采用高强度 ABS 材料，有利于磁通集中，减小漏磁。磁路部分采用两个钕磁，增强了磁通密度，提高产品声压特性，同时有效的减小产品体积和重量。振动系统采用较轻的高耐疲劳度材质悬边+进口纸浆胴体，优化听觉效果，弹波采用高顺性材质，有效的降低失真，改善低频辅射特性。



LEAP Emulational Frequency Response



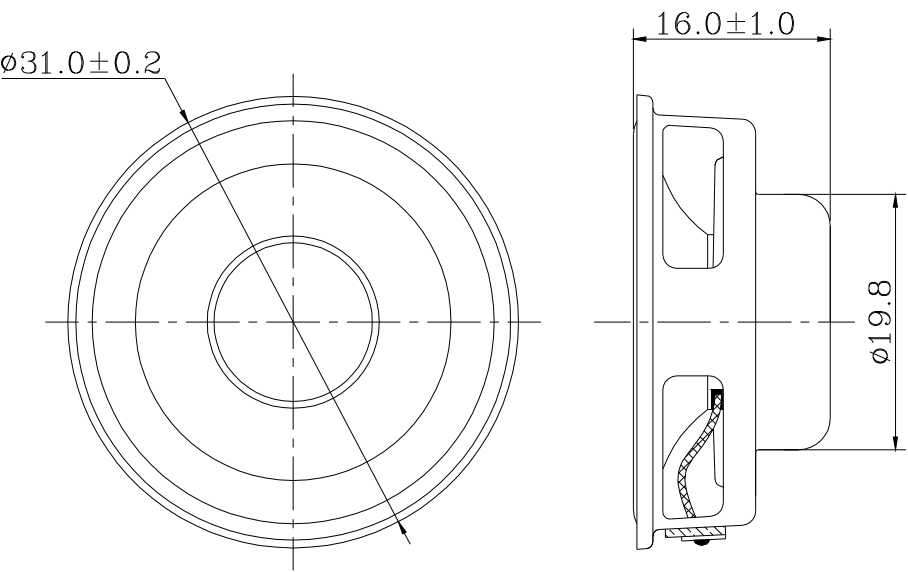
Frequency and impedance Response



specifications

DC Resistance	Revc	Ω	3.6	±7.5%	Energy Bandwidth product	EBP	(1/Qes).fs	193.3
Minimum impedance	Zmin	Ω	4	±7.5%	Moving Mass	Mms	g	0.39
Voice Coil inductance	Le	mH	1.194		Suspension Compliance	Cms	um/N	777.7
Resonant Frequency	Fs	Hz	289	±20%	Effective Cone Diameter	SD	cm	6.37
Mechanical Q factor	Qms	-	4.856		Equivalent Volume	Vas	mL	44.9
Electrical Q factor	Qes	-	1.495		Motor Efficiency Factor	BL	T.M	1.306
Total Q facto	Qts	-	1.143		Voice Coil Former Material	VCfm	-	Kapton
Ratio	Fs/Qts	-	252.8		Voice Coil Inner Diameter	VCd	mm	13.28
Half Space Sensitivity @	1w/1m	dB	80.5±2		Gap Height	Gh	mm	1.5
rated Noise Power(IEC 2685 18.1)	P	W	1.5		Maximum Linear Excursion	Xmax	mm	1.265
Test Spectrum Bandwidth	FO-20KHz		12dB/Oct		Ferrofluid Type	FF	N/A	NeFeB
					Transducer Size	-	-	31
					Transducer Mass	-	g	14.1

Mechanical 2D Drawing



Shenzhen Jiming Technology Co., Ltd
www.jmaxx.cn