

# MCM AUDIO SELECT™

Model #55-2421

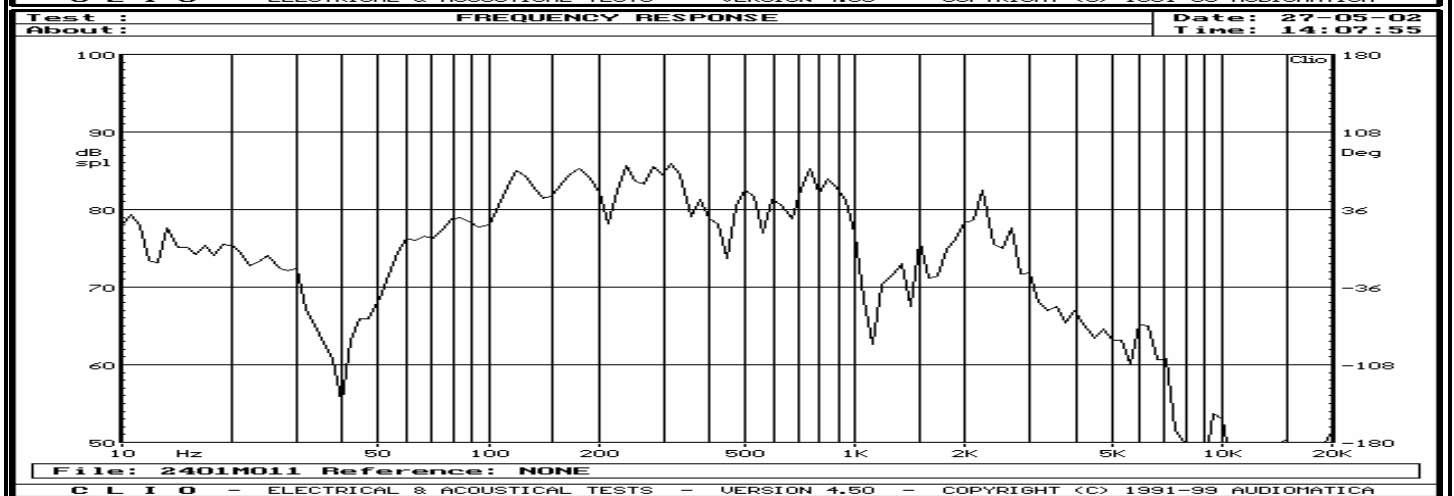
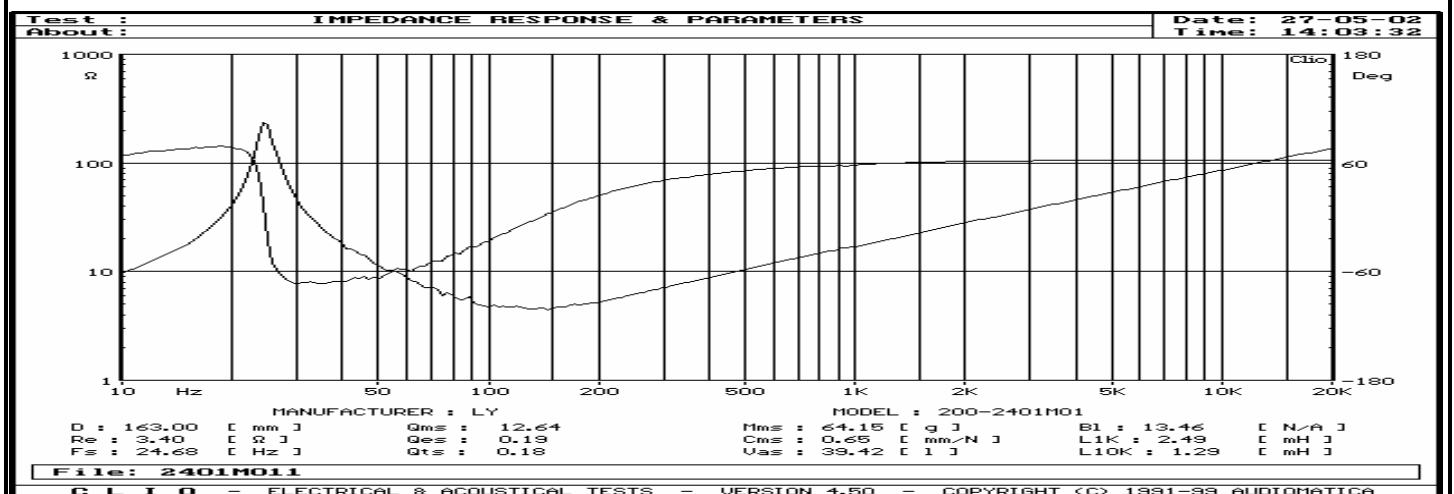
8" High Excursion Woofer

Date: 07/26/2002

Diameter	209mm (8")	<b>VOICE COIL</b>	
Impedance	4Ω	Diameter	49.5 (mm)
Power Capacity	120W/240W RMS/max	Length	24 (mm)
Free air resonance	25Hz ± 4Hz	Layer	4 (mm)
Sensitivity	87 ± 2 dB W/M, 2.0V	Former material	Kapton
Frequency range	F <sub>0</sub> ~ 1000Hz	Wire material	Copper
Sine wave test	12V	<b>MAGNET</b>	
Weight	3840g	Diameter	145 (mm)
Life test	120w, 8 hours, EIA white noise	Height	22 (mm)
Cone	Paper	Weight	1330 (g)
Surround	Foam	Gap(H)	8 (mm)

**PARAMETERS:**

DC resistance	Re: 3.4 (Ω)	Moving mass	Mms: 59.78 (g)
Resonance frequency	Fs: 29.1 (Hz)	Equivalent volume	Vas: 30.43 (l)
Maximum impedance	Zm: 219.6 (Ω)	Sensitivity	SPL: 87.2 (dB)
Mechanical Q factor	Qms: 14.0	Suspension compliance	Cms: 0.50 (mm/N)
Electrical Q factor	Qes: 0.22	BL product	Bl: 12.99 (N/A)
Total Q factor	Qts: 0.22	Driver piston diameter	D: 163 (mm)
Linear Displacement	Xmax: 16 (mm)	Voice Coil Inductance	Le: 2.47 (mH)



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