

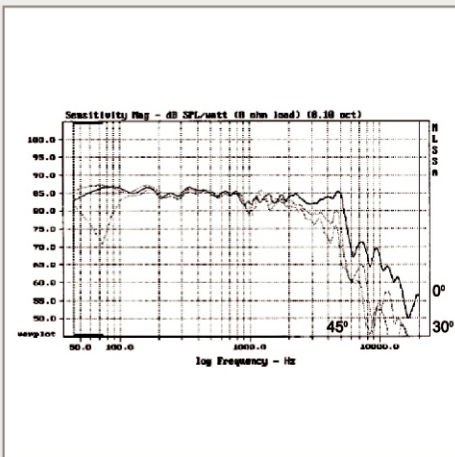
# MW 166 - 6" BASS MIDRANGE

## DCP Cone Double Magnet Vented Motor



### FEATURES:

- Large Hexatech aluminum voice coil
- Double magnet system
- High power handling
- Shallow profile DCP cone



### Specifications

Overall Dimensions		160mm(6.3")x67mm(2.63")
Nominal Power Handling (D.N)	P	150 W
Transient power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		86 dB
Frequency Response		30 - 5000 Hz
Resonant Frequency	FS	46 Hz

### Voice coil

Voice Coil Diameter	DIA	75mm (3")
Voice Coil Height		14.5mm (0.57")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech Aluminum
Number of Layers		2
DC Resistance	RE	6.70 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.61 mH

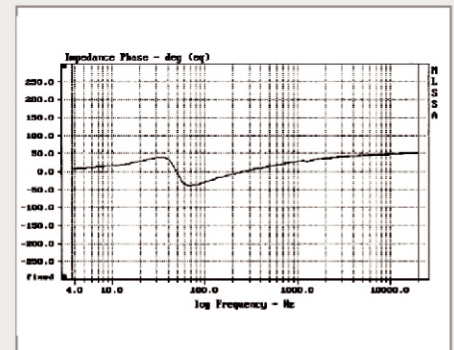
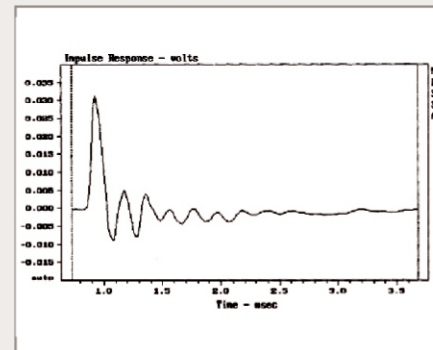
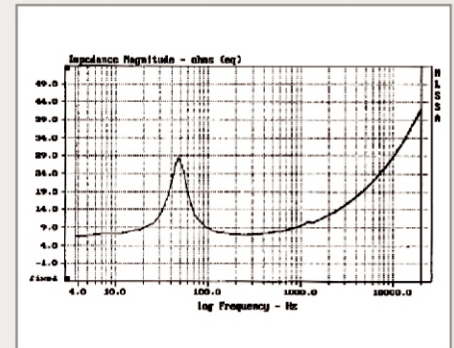
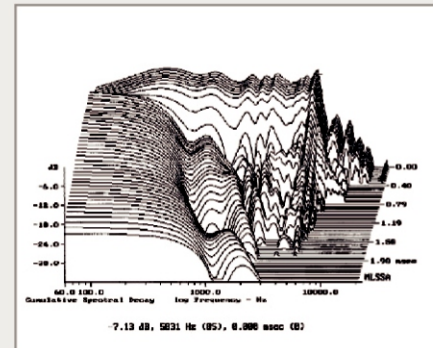
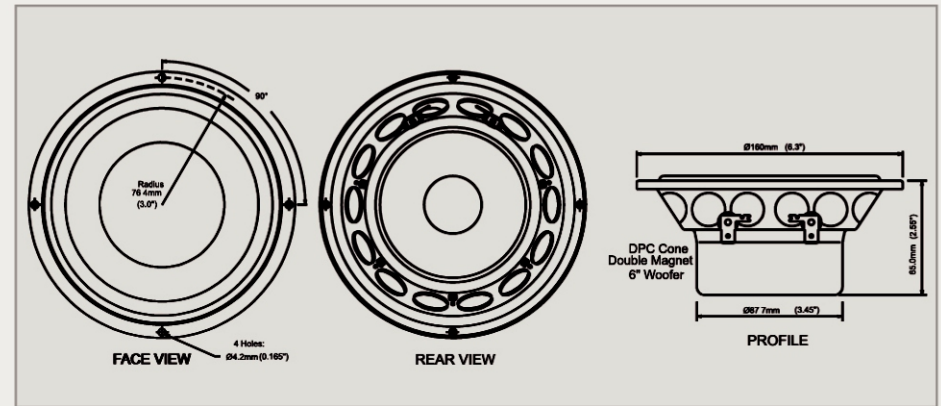
### Magnet System

Magnet System Type		Double Ferrite Vented
HE - Magnetic Gap Height	HE	6mm (0.24")
B Flux Density	B	0.68 T
BL Product	BXL	6.84 N.A
Max. Linear Excursion	X	+/-4.25mm (0.167")

### Operational Parameters

Suspension Compliance	CMS	784 uM / N
Mechanical Q Factor	QMS	2.79
Electrical Q Factor	QES	0.74
Total Q Factor	Q/T	0.58
Mechanical Resistance	RMS	1.68 Kg.
Moving Mass	MMS	16.3 gm
Eq. Cas Air Load (liters)	VAS	15.6 L
Cone / Dome Material		DPC
Effective Piston Area	SD	119 cm <sup>2</sup>
Net Weight	Kg.	1.1 Kg.

# MW 166



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