

# MoBass

## MB-065 USER MANUAL

### MB-065 6.5 Inch Midrange Speaker 1.0" Voice coil, 4 $\Omega$



#### SPECIFICATIONS

General Data		Unit	Dimensions	
Overall Dimensions	168*78	mm		
Nominal Power Handling	50	W		
Transient Power 10ms	100	W		
Sensitivity	90.6	dB		
Frequency Response	137-13K	Hz		
Cone Material	paper			
Net Weight	1.3	kg		
Electrical Data				
Nominal Impedance	4	Ohm		
DC Resistance	3.2	Ohm		
Voice Coil and Magnet Parameters				
Voice Coil Diameter	25.9	mm		
Voice Coil Height	8.5	mm		
HE Magnetic Gap Height	5	mm		
Max.Linear Excursion	1.75	mm		
Voice Coil bobbin	Kapton			
Voice Coil Wire	CCAW			
Number Of Layers	2	layers		
Magnet System Type	High Flux Ferrite			
BL Product	3.85	N.A		
T-S Parameters				
Suspension Compliance	Cms	0.131		
Mechanical Q Factor	Qms	6.77		
Electrical Q Factor	Qes	1.79		
Total Q Factor	Qts	1.41		
Moving Mass	Mms	10.15		
Eq.Cas Air Load( liters)	VAS	3.81	Liter	
Resonant Frequency	Fs	137	Hz	
Effective Piston Area	SD	143.1	cm <sup>2</sup>	

**FOR REFERENCE ONLY**

