



Model: RS-MB8K

20CM MIDBASS SPEAKER
2.5" Voice Coil

SPECIFICATIONS

General Data			Unit	FEATURES
Overall Dimensions	Ø 200 x 101	mm		Aluminium Basket
Nominal Power Handling	500	W		Non-Pressed Paper Cone, Treated Cloth Surround
Maximum Power	1000	W		Dome Paper Dust Cap
Sensitivity	94	dB		High Temperature Copper Wire Voice Coil
Frequency Response	75~3.5	KHz		Ferrite Magnet Structure
Cone Material	Non-Pressed Paper			
Basket	Aluminium			
Net Weight	5.14	kg		
Electrical Data				
Nominal Impedance	4/8	Ohm		
DC Resistance	3.2/5.1	Ohm		
Voice Coil and Magnet Parameters				
Voice Coil Diameter	63.5	mm		
Voice Coil Height	16	mm		
Magnetic Gap Height	8	mm		
Voice Coil Bobbin	TIL			
Number of Layers	1+1L			
T-S Parameters				
Suspension Compliance	132.448/122.894 µM/N	Cms		
Mechanical Q Factor	2.64/3.282	Qms		
Electrical Q Factor	0.253/0.344	Qes		
Total Q Factor	0.23/0.311	Qts		
Moving Mass	30.648/27.071 g	Mms		
Eq. Cas AIR Loaded	8.392/7.787 L	Vas		
Resonant Frequency	78.994/87.257 Hz	Fs		
Effective Piston Area	211.24cm ²	SD		

Ø210/8.27"

85/3.35"

101/3.98"

Ø170/6.69"

184.5/7.26"

ESC End

D A S Frequency Response

Distance Loudsp.- Mic: 20.6cm dB SPL normalised on 1 Meter

dB SPL /1.04/m

Press F12 for combined Quick Repeat

30 50 100 200 300 500 1k 2k 3k 5k 10k 20kHz