

**Model: RS-MB12X**

31 CM Mid-BASS Speaker

**SPECIFICATIONS**

General Data		Unit	FEATURES
Overall Dimensions	Ø312x259	mm	Stamp Steel Basket
Nominal Power Handling	400	W	Reinforced Pulp Paper Cone, Treated Cloth Surround
Maximum Power	800	W	Dome Paper Dust Cap
Sensitivity	96	dB	High Temperature 2.5Inch CCAW Voice Coil
Frequency Response	70~3500	Hz	High Performance 56.2oz Ferrite Magnet Structure
Cone Material	Reinforced Pulp Paper Cone		
Basket	Steel		
Net Weight	4.96	kg	
<b>Electrical Data</b>			
Nominal Impedance	4	Ohm	
DC Resistance	3.2	Ohm	
<b>Voice Coil and Magnet Parameters</b>			
Voice Coil Diameter	63.8	mm	
Voice Coil Height	16	mm	
Magnetic Gap Height	10	mm	
Voice Coil Robbin	TIL		
Number of Layers	2L		
<b>T-S Parameters</b>			
Suspension Compliance	140.293µM/N	Cms	
Mechanical Q Factor	2.573	Qms	
Electrical Q Factor	0.705	Qes	
Total Q Factor	0.553	Qts	
Moving Mass	39.465g	Mms	
Eq. Cas AIR Loaded	56.965L	Vas	
Resonant Frequency	67.639Hz	Fs	
Effective Piston Area	534.74cm <sup>2</sup>	SD	

