

Model: SX-M82GX

8" MIDRANGE SPEAKER

SOUNDMAX®

SPECIFICATIONS

General Data			Unit	Features
Overall Dimensions	202*80.5	mm		20 CM MIDRANGE SPEAKER
Nominal Power Handling	125	W		BLACK PAPER CONE WITH CLOTH EDGE
Maximum Power	250	W		IMPEDANCE: 4Ω
Sensitivity	92	dB		RATED POWER: 125W
Frequency Response	90-15K	kg		MAX. POWER: 250W
Cone Material	PAPER CONE			FREQUENCY RESPONSE: 90-15KHZ
Basket	METAL			SENSITIVITY: 92DB
Net Weight	0,98	kg		

Electrical Data

Nominal Impedance	4	Ohm
DC Resistance	3,2	Ohm

Voice Coil and Magnet Parameters

Voice Coil Diameter	Φ25.5	mm
Voice coil wire	KCCAW	
Voice Coil Height	6	mm
Magnetic Gap Height	4	mm
Magnet system type	High Flux Ferrite	
Voice Coil Bobbin	KAPTON	
Number of Layers	2L	

T-S Parameters

Suspension Compliance	0,2330	Cms
Mechanical Q Factor	10,86	Qms
Electrical Q Factor	1,76	Qes
Total Q Factor	1,52	Qts
Moving Mass	11,9938	Mms
Eq.Cas AIR Loaded	16,7591	Vas
Resonant Frequency	98	Fs
Effective Piston Area	2,27E+02	SD

