



# **MB 400S**



The Model 8-MB 400S was designed to reproduce medium and high-pitched sound with high fidelity, responding frequencies between 60Hz to 4.000Hz. His ventilated housing provides efficient heat exchange, preserving the coil. With a power of 200 Watts RMS, this loudspeaker it's versatile, and can be used in several sound systems.

#### **ELECTRIC PARAMETERS**

RMS POWER	200 W			
MUSIC POWER	400 W			
NOMINAL IMPEDANCE	4 or 8 Ohms			
RESISTANCE	3,1 / 6,2 ohms/VCC			
NO (EFFICIENCY REFERENTIAL)	1,088%			
SENSITIVITY (@ 1W, 1 m)-Free-Air	92,386 dB			
MASS DAPHRAGM (MMD)	19,902 g			
TOTAL MASS (MMS)	21,667 g			
BL PRODUCT	11.048 TM			
MECHANICAL Q (Qms)	7,031			
Q ELECTRIC (Qes)	0,493			
Q TOTAL (Qts)	0,460			
COMPLIANCE (CMS)	208.602u M/N			
EQUIVALENT VOLUME (VAS)	13,218 L			
FREQUENCY RESPONSE	60Hz to 4.000Hz			
RESONANCE FREQUENCY	74,861 Hz			
Le @ 10 kHz (COIL INDUCTANCE 10 kHz)	0,4495 mH			
EFFECTIVE CONE AREA (SD)	0,0211 Sq.m			
CONE EXCURSION WITHOUT DISTORTION (X MAX	K) - + 4 mm			
FLOW DENSITY IN THE GAP	11.300 GAUSS			

The Thiele-Small parameters are obtained after the application of a 55hz sinusoidal signal for a period of 30 minutes

#### **MECHANICAL PARAMETERS**

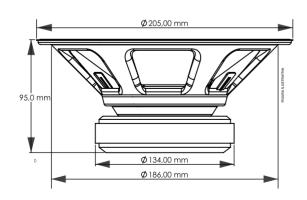
NOMINAL DIAMETER	8 Inches				
FERRITE DIAMETER	134 X 56 X 18mm				
COIL DIAMETER	2 Inches				
COIL HEIGHT	11 mm				
COIL WIRE MATERIAL	Copper				
COIL WIRE SECTION	Round				
COIL SHAPE	Fiber				
GAP HEIGHT	6 mm				
HOUSING MATERIAL	Steel				
FERRITE MATERIAL	Barium				
WEIGHT	2,8 Kg				
OCCUPIED VOLUME OF THE CABINET	1,0 Liters				

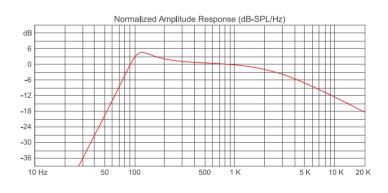
## **CABINET SUGGESTIONS**

MODEL	VOLUM	DUCT	DUCT	DUCT	TUNE	(H.P.F)	ATTENUATION
	LITER	AUMONT	DIAMETER	DEPTH			(ACTIVE)
VENTED BOX	15	02	3"(INCHES)	165 mm	100 Hz	95 Hz	- 24 dB/ 8ª

SUGGESTIVE MEASURES

### **PRODUCT DIMENSIONS**





— Box 15 liters



At a pre-established voltage for the break-in. A tolerance of + - 15% is allowed for specifc values.