



# 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)	- + 4 mm
FLOW DENSITY IN THE GAP	11.300 GAUSS

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

SUGGESTIVE MEASURES

The Thiele-Small parameters are obtained after the application of a 55hz sinusoidal signal for a period of 30 minutes  
At a pre-established voltage for the break-in.  
A tolerance of + - 15% is allowed for specific values.

## PRODUCT DIMENSIONS

