

T 900 MBS



SPEAKER - 10" - 6 OHMS

The T 900MBS is a 10-inch loudspeaker designed to reproduce frequency ranges between 80 and 5,500 Hz with fidelity and naturalness. It can be used in various car audio systems, such as: sound walls, front speaker boxes, horn-loaded enclosures, four-way systems, "paredão" systems, bob boxes, among others.

Additionally, its square frame allows for better coupling when used in large quantities, enabling impressive and highly noticeable results.

ELECTRICAL PARAMETERS

RMS POWER	450 W
MUSICAL PROGRAM POWER	900 W
NOMINAL IMPEDANCE	6 Ohms
RESISTANCE (RE)	4.6 Ohms/VDC
NO (EFFICIENCY REFERENCE)	2,40 %
SENSITIVITY (@ 1W, 1m)-Free-Air	95.784 dB
DIAPHRAGM MASS (MMD)	34.988 g
TOTAL MASS (MMS)	38.694 g
BL PRODUCT	15.712 TM
MECHANICAL Q (Qms)	9.113
ELECTRIC Q (Qes)	0.359
TOTAL Q (Qts)	0.345
COMPLIANCE (CMS)	104.332u M/N
EQUIVALENT VOLUME (VAS)	17.773 L
FREQUENCY RESPONSE	80Hz à 5.500Hz
RESONANCE FREQUENCY	79Hz
Le @ 1 kHz (coil inductance at 1kHz)	0.6780 mH
EFFECTIVE CONE AREA (SD)	0.0346 m²
CONE EXCURSION WITHOUT DISTORTION (X MAX)	+/- 5.75 mm
FLOW DENSITY IN THE GAP	15,500 GAUSS

Thiele-Small parameters are obtained after applying a sinusoidal level of 50Hz for a period of 30 minutes. A tolerance of +/- 15% on the specified values is allowed.

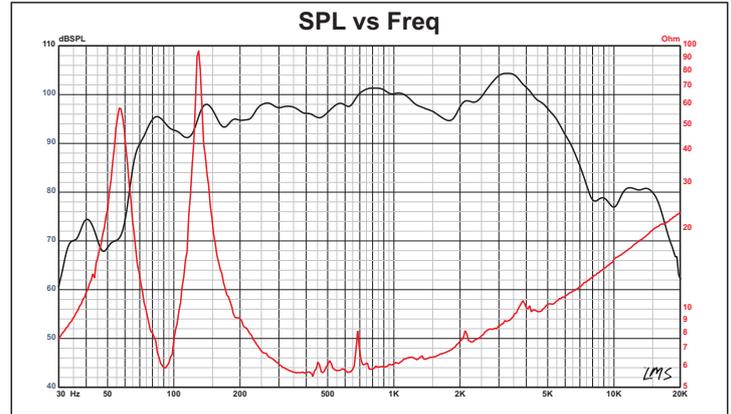
MECHANICAL PARAMETERS

NOMINAL DIAMETER	10 Inches
FERRITE MEASURES	7.87 x 3.38 x 0.94 in
COIL DIAMETER	3 Inches
COIL HEIGHT	0.59 in
COIL WIRE MATERIAL	CCAW
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton
GAP HEIGHT	0.27 in
HOUSING MATERIAL	Aluminum
FERRITE MATERIAL	Barium
WEIGHT	21.73 lb (9,86 Kg)
VOLUME OCCUPIED ON THE CABINET	2.789 Liters
CONNECTOR TYPE	Borne

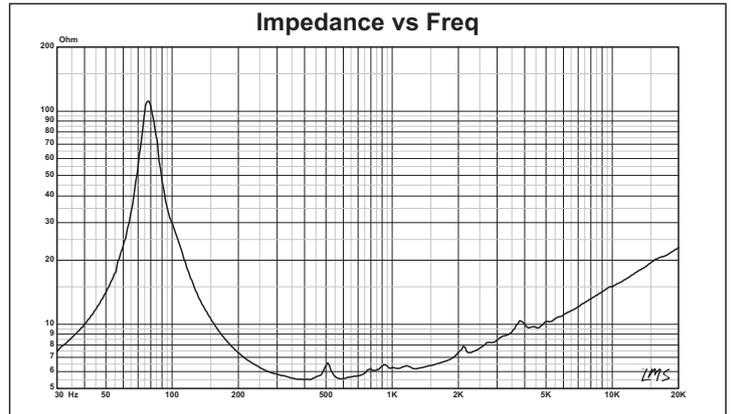
* Kapton trademark registered by DUPONT

CABINETS SUGGESTION

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SINTONY	(H.P.F)	ATTENUATION
	LITERS	QUANT.	DIAM.	DEPTH			
VENTED BOX	20	02	3"(POL)	110 mm	90Hz	80Hz	12 dB/ Octave

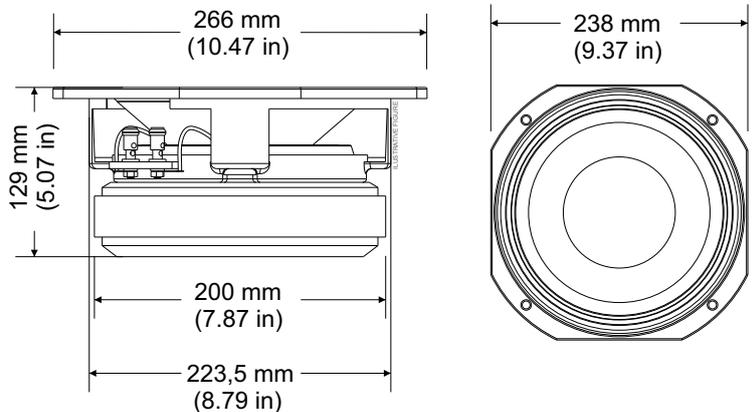


Response curve in a 20l box tuned to 90Hz in an anechoic chamber, 1W / 1M.



Impedance curve Free-Air.

PRODUCT DIMENSIONS



NOTE: Features, specifications and appearance are subject to change without notice.