MID BASS

MG 10-300

PROFISSIONAL LINE

It is a high-powered mid bass developed to reproduce na extensive range of mid frequencies with excellent linearity and low harmonic distortion. It has a magnetic set of great power, movable system with a special fibers cone and a 3” voice coil with flat wire which produces great response efficiency and performance.

SPECIFICATIONS *⑤

NOMINAL DIAMETER:	10 Inches
NOMINAL IMPEDANCE:	8 Ω
MINIMUM IMPEDANCE:	6.5 Ω
CONTINUOUS POWER *①:	300 w
PROGRAM POWER *②:	600 w
SENSITIVITY *③:	97 dB
FREQUENCY RANGE:	70~4500 Hz
COIL DIAMETER:	3 Inches
COIL WIRE:	COBRE
COIL SHAPE:	KAPTON
WINDING DEPTH (HVC):	8.5 MM
GAP HEIGHT (HAG):	7 MM
VOLUME (SPEAKER):	2.9 L

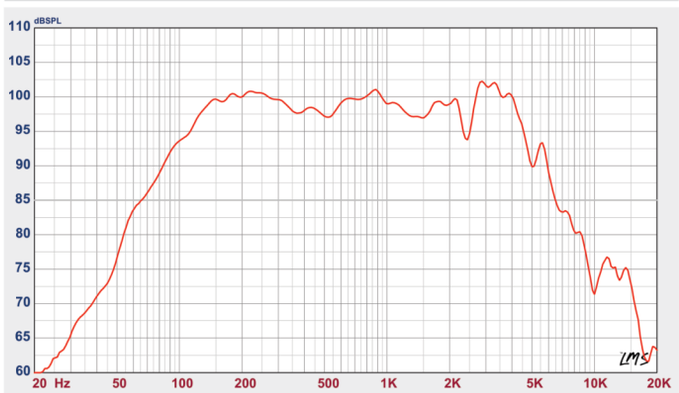
PARAMETERS TS *④

RESONANCE FREQUENCY:	Fs	70 Hz
COIL RESISTANCE:	Re	5.1 Ω
MECHANICS QUALITY FACTOR:	Qes	0.31
ELECTRICAL QUALITY FACTOR:	Qms	10.0
TOTAL QUALITY FACTOR:	Qts	0.30
EQUIVALENT VOLUME:	Vas	28 L
CONE EFFECTIVE AREA:	Sd	350 cm^2
REFERENCE EFFICIENCY:	No	2,7 %
MAXIMUM DISPLACEMENT:	Xmax	1 mm
MAXIMUM PEAK BEFORE DAMAGE:	Xlim	2 mm
MOVABLE MASS:	Mms	34 g
INDUCTANCE:	Le	0.33 mH
BL:		15.7 T-m

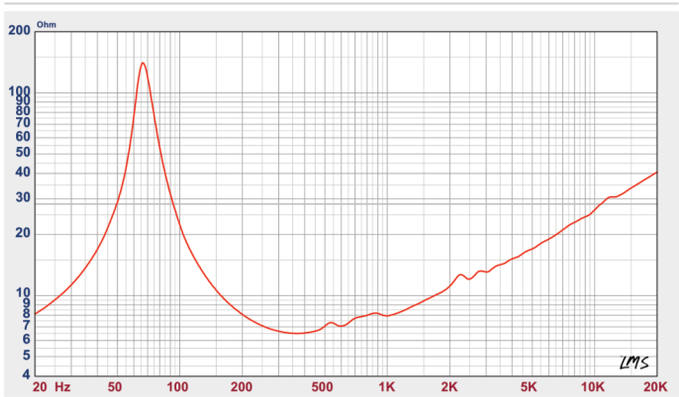
DIMENSIONS

PACKING:	275 x 275 x 155 mm
GROSS WEIGHT:	7.4 Kg
NET WEIGHT:	7.1 Kg

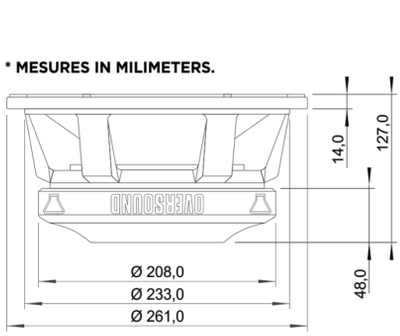
RESPONSE CURVE *⑥

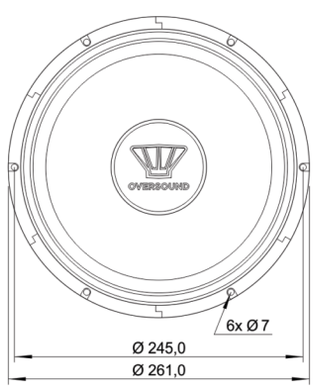


IMPEDANCE



* MESURES IN MILIMETERS.





① 2 hour test done with continuous pink noise (crest factor of 6 dB) in the specific range and calculated power over the minimum impedance in the open air.

② Program power set at 3 dB above nominal specification.

③ 2.83 V. RMS.

④ Softened for 2 hours at 15 Hz at high level.

⑤ Specifications and design subject to change without prior notice, in accordance with the technological evolution of the product.

⑥ Curve response with speaker in box of 14 liters, tuning of 96 Hz.

SPEAKERS
OVERSOUND

NR 15 Annex 1: Exposure to noise above the specified limits by the Standard may cause hearing loss or damage. OVERSOUND is not responsible for the improper use of its products (ordinance 3214/78). According to FEDERAL LAW n° 11.191/06, we report that damage to hearing exposed to power above 85 decibels may occur.