



BASS

500



A subwoofer that was carefully designed to reproduce the low frequencies of car audio systems, especially in small spaces, "trunk" with excellent response from sub-bass to bass, providing a harmony within the mid-bass ways to the highs, where sound perception becomes an extraordinary musical experience in any musical style. As it is a product that handles medium power, but with high mechanical resistance, we can achieve an amazing audio result. Dive into the audio world that Taramps has to offer.

ELECTRICAL PARAMETERS

RMS POWER	250 W
MUSICAL PROGRAM POWER	500 W
NOMINAL IMPEDANCE	4 Ohms
RESISTANCE (RE)	3.2 ohms/VCC
NO (EFFICIENCY REFERENCE)	0.268%
SENSITIVITY (@ 1W, 1 m)-Free-Air	86.302 dB
DIAPHRAGM MASS (MMD)	118.020 g
TOTAL MASS (MMS)	124.501 g
BL PRODUCT	9.902 TM
MECHANICAL Q (Qms)	11.510
ELECTRIC Q (Qes)	0,847
TOTAL Q (Qts)	0.789
COMPLIANCE (CMS)	196.478u M/N
EQUIVALENT VOLUME (VAS)	70.513 L
FREQUENCY RESPONSE	30Hz to 600Hz
RESONANCE FREQUENCY	32.179 Hz
Le @ 10 kHz (coil inductance at 10kHz)	2.207 mH
EFFECTIVE CONE AREA (SD)	0.0502 Sq.m
CONE EXCURSION WITHOUT DISTORTION (X MAX)	+ - 10.5 mm
FLOW DENSITY IN THE GAP	6.250 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.

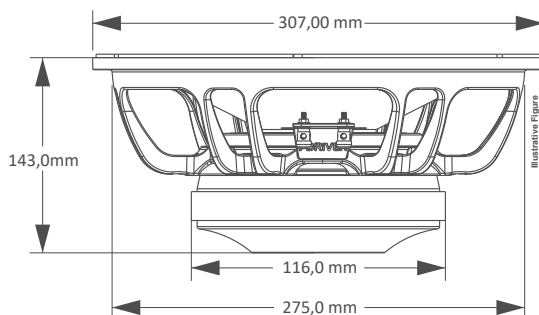
MECHANICAL PARAMETERS

NOMINAL DIAMETER	12 inches
FERRITE MEASURES	115 x 56x 20mm
COIL DIAMETER	1.1/2 inches
COIL HEIGHT	25 mm
COIL WIRE MATERIAL	Copper
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton®
GAP HEIGHT	8 mm
HOUSING MATERIAL	Steel
FERRITE MATERIAL	Barium
WEIGHT	3.29 Kg
VOLUME OCCUPIED ON THE CABINET	1.29 Liters

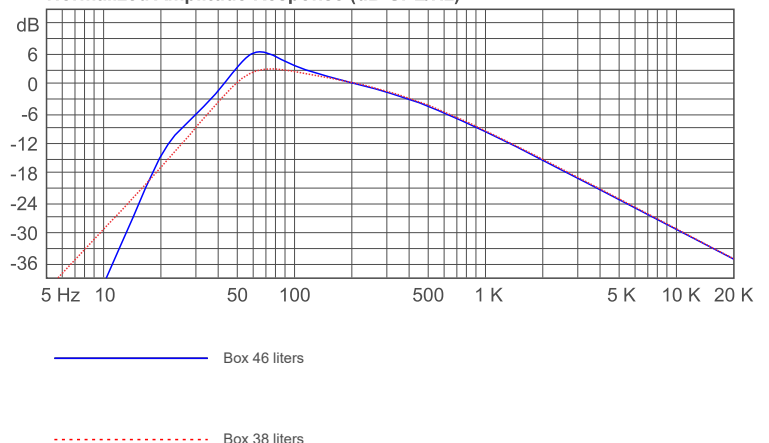
CABINETS SUGGESTION

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SYNTONY
	LITERS	QUANT.	DIAM.	DEPTH	
CLOSED BOX	38				40 Hz
VENTED BOX	46	01	4"(POL)	320 mm	37 Hz

PRODUCT DIMENSIONS



Normalized Amplitude Response (dB-SPL/Hz)



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WARRANTY TERM

When all our products are produced, they undergo rigorous evaluations, in each construction process until they are packaged, however, if any type of abnormality is detected, when opening the package, it must be sent to one of our authorized service stations, or directly to the factory, if there is not an authorized technician in your region. **Each and every product must undergo a technical evaluation so that the defect is identified and proven.**

The product has a warranty of 15 (fifteen) months after the issuance of the invoice, with the legal warranty of 90 days, provided for in article 26, item II, of law No. 8078/90 (Brazilian consumer protection code).

Warranty Conditions:

The product must be installed correctly, by a specialized professional, as well as respecting the product characteristics.

The customer **will NOT** have the warranty when:

- Exceed the period of 15 (fifteen) months.
- Damages incurred are caused by; transport or handling accident, or humidity.
- Defects caused by improper installation.
- Malfunctions in product parts (torn cone/dust cap, bent or broken speaker housing).
- Coils burned out by excessive power or extreme distortion conditions, causing heating above 240°.

Warranty Coverage:

- Taramps guarantees its products against any defect in material or manufacturing process, provided that, at the discretion of its authorized technicians, it is found to be defective under normal conditions of use.
- **The PRODUCT must contain the original label, on which its serial number is inserted.**
- To use the warranty, the customer must present the invoice and the warranty term, both of which must contain the serial number on the product label.

Transport

Only products that fall under the terms of warranty coverage will have their transportation expenses covered, otherwise, the expense will be at the customer's expense.

WARRANTY CERTIFICATE

NAME: _____

ADDRESS: _____

CITY: _____ ZIP: _____

STATE: _____ PHONE: _____

DEALER: _____

ADDRESS: _____

CITY: _____ ZIP: _____

STATE: _____ PHONE: _____

INVOICE NUMBER