

T500VL

SPEAKER - 12" - 4 OR 8 OHMS

Developed for those who want a small product for ambient sound, multipurpose speakers, advertising cars, guitar amplifiers and electric guitar. It responds from 48Hz to 5KHz.

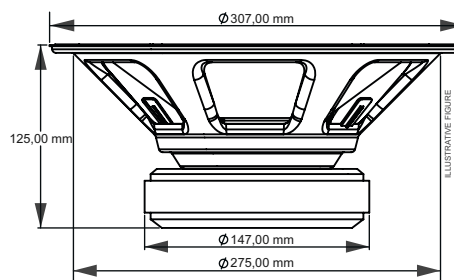


MECHANICAL PARAMETERS

RMS POWER	250 W
MUSICAL PROGRAM POWER	500 W
NOMINAL IMPEDANCE	4 Ohms or 8 Ohms
RESISTANCE (RE)	3.4 ohms / 6.4 ohms
NO (EFFICIENCY REFERENCE)	1.061%
SENSITIVITY (@ 1W, 1 m)-Free-Air	92.277 dB
DIAPHRAGM MASS (MMD)	45.973 g
TOTAL MASS (MMS)	52.609 g
BL PRODUCT	8.031 TM
MECHANICAL Q (Qms)	10.441
ELECTRIC Q (Qes)	0.946
TOTAL Q (Qts)	0.867
COMPLIANCE (CMS)	142.012u M/N
EQUIVALENT VOLUME (VAS)	52.60 L
FREQUENCY RESPONSE	48Hz à 5KHz
RESONANCE FREQUENCY	58.3 Hz
Le @ 1 kHz (coil inductance at 1kHz)	0.743 mH
EFFECTIVE CONE AREA (SD)	51.071 Sq.m
CONE EXCURSION WITHOUT DISTORTION (X MAX)	+/- 4.4 mm
FLOW DENSITY IN THE GAP	10.100 GAUSS

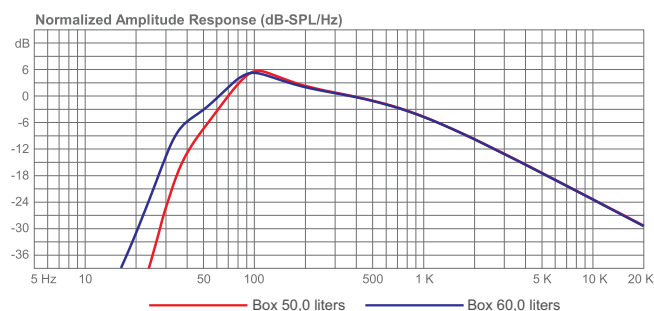
Thiele-Small parameters are obtained after applying a sinusoidal level of 50hz for a period of 30 minutes. A tolerance of +/- 15% on the specified values is allowed.

PRODUCT DIMENSIONS



MECHANICAL PARAMETERS

NOMINAL DIAMETER	12 Inches
FERRITE MEASURES	147 X 63 X 16mm
COIL DIAMETER	2 Inches
COIL HEIGHT	12 mm
COIL WIRE MATERIAL	Copper
COIL WIRE SECTION	Round
COIL SHAPE	Fiber
GAP HEIGHT	6.35 mm
HOUSING MATERIAL	Steel
FERRITE MATERIAL	Barium
WEIGHT	3.4 Kg
VOLUME OCCUPIED ON THE CABINET	2.87 Liters



CABINETS SUGGESTION

MODEL	VOLUME LITERS	DUCTS QUANT.	DUCTS DIAM.	DUCTS DEPTH	SINTONY	(H.P.F)	ATTENUATON (ACTIVE)
VENTED BOX	50	02	3"(POL)	100 mm	55,0 Hz	50 Hz	- 24 dB/ Octave
	60	02	3"(POL)	100 mm	50,0 Hz	50 Hz	- 24 dB/ Octave

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

Manufactured by: TARAMPS ELECTRONICS LTDA - TAX ID: 11.273.485/0001-03 - Street: João Silvério, 121 • Res. Manoel Martins - Alfredo Marcondes - SP - Made in Brazil



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www.taramps.com.br

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