



T 100 HD-P



The T 100 HD-P is a speaker that was carefully designed to work with wide response, (full range) and high definition, adapting to the most varied types sound systems, reproducing bass, clean mids and crystal clear highs, with low distortions due to its topology. Electro-acoustic construction, it has a high frequency cellulose whizzer cone, working along with an aluminum dust cap. It also features a foam edge providing better linearity in its response range. Live a new experience listening to your playlist with a fidelity that will amaze your ears, and potencialize your musical experience.

ELECTRICAL PARAMETERS

RMS POWER	50 W
MUSICAL PROGRAM POWER	100 W
NOMINAL IMPEDANCE	4 or 8 Ohms
RESISTANCE (RE)	2,9 / 6,5 ohms/VCC
NO (EFFICIENCY REFERENCE)	0,262%
SENSITIVITY (@ 1W, 1 m)-Free-Air	86,205 dB
DIAPHRAGM MASS (MMD)	2,869 g
TOTAL MASS (MMS)	3,089 g
BL PRODUCT	2.168 TM
MECHANICAL Q (Qms)	10,827
ELECTRIC Q (Qes)	1,585
TOTAL Q (Qts)	1,383
COMPLIANCE (CMS)	467,855u M/N
EQUIVALENT VOLUME (VAS)	1,853 L
FREQUENCY RESPONSE	75Hz to 28.500Hz
RESONANCE FREQUENCY	132,381 Hz
Le @ 10 kHz (coil inductance at 10kHz)	0,0438 mH
EFFECTIVE CONE AREA (SD)	0,0052 Sq.m
CONE EXCURSION WITHOUT DISTORTION (X MAX)	+ - 2,00 mm
FLOW DENSITY IN THE GAP	7.700 GAUSS

MECHANICAL PARAMETERS

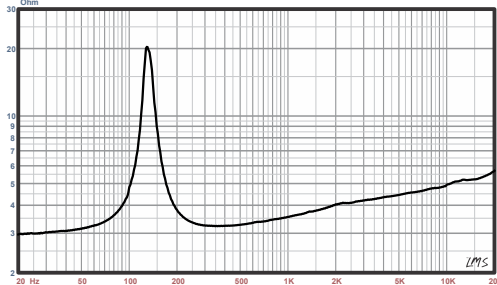
NOMINAL DIAMETER	4 Inches
FERRITE MEASURES	70 X 32 X 15mm
COIL DIAMETER	1 Inche
COIL HEIGHT	6,5 mm
COIL WIRE MATERIAL	CCAW
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton®
GAP HEIGHT	6,35 mm
HOUSING MATERIAL	Steel
FERRITE MATERIAL	Barium
WEIGHT	0,68 Kg
VOLUME OCCUPIED ON THE CABINET	0,19 Liters

CABINET SUGGESTIONS

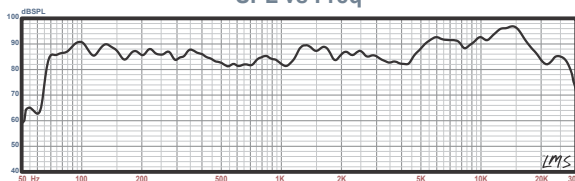
MODEL	VOLUME LITERS	DUCTOS QUANT.	DUCTOS DIAM.	DUCTOS PROF.	SYNTONY	(H.P.F)	ATTENUATION (ACTIVE)
VENTED BOX	4,6	01	2"(POL)	90 mm	100 Hz	90 Hz	- 24 dB/ Oitava
	6,0	01	2"(POL)	95 mm	85 Hz	80 Hz	- 24 dB/ Oitava

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.

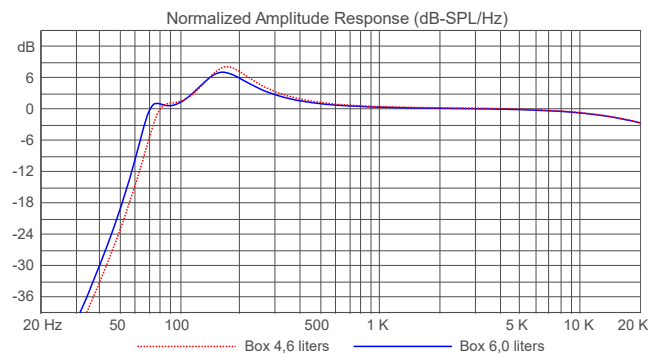
Impedance vs Freq



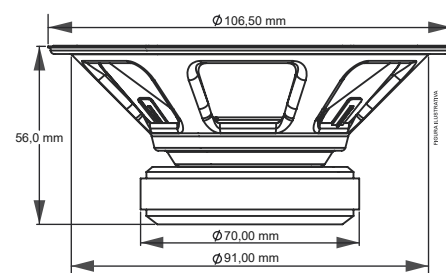
SPL vs Freq



Response curve obtained in a 4L x 110Hz box (1W x 1m).



PRODUCT DIMENSIONS



www.taramps.com.br

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Note: Features, specifications and aesthetics are subject to change without notice.

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