



# HD 250s

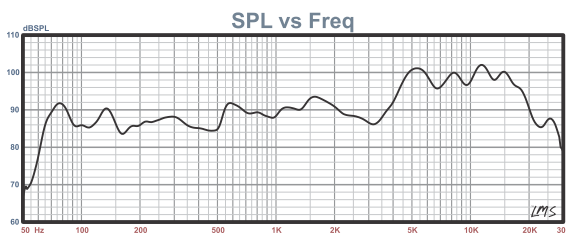
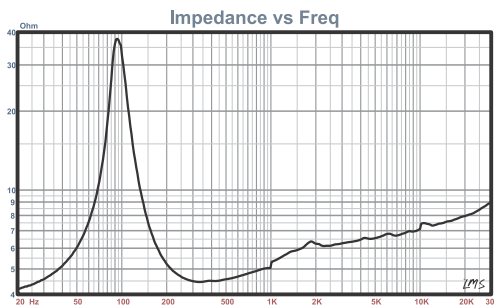


The HD 250S is a speaker that was carefully designed to work with wide response, (full range) and high definition, adapting to the most varied types sound systems, reproducing firm bass, clean mids and crystal clear highs, with low distortions due to its topology. Electro-acoustic construction, it has 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	125 W
MUSICAL PROGRAM POWER	250 W
NOMINAL IMPEDANCE	4 ou 8 Ohms
RESISTANCE (RE)	3,4 / 7,2 ohms/VCC
NO (EFFICIENCY REFERENCE)	0,939%
SENSITIVITY (@ 1W, 1 m)-Free-Air	91,744 dB
DIAPHRAGM MASS (MMD)	5,684 g
TOTAL MASS (MMS)	6,292 g
BL PRODUCT	4.600 TM
MECHANICAL Q (Qms)	6,742
ELECTRIC Q (Qes)	0,608
TOTAL Q (Qts)	0,558
COMPLIANCE (CMS)	440,044u M/N
EQUIVALENT VOLUME (VAS)	6,742 L
FREQUENCY RESPONSE	65Hz à 27.000Hz
RESONANCE FREQUENCY	95,645 Hz
Le @ 10kHz (coil inductance at 10kHz)	0,033 mH
EFFECTIVE CONE AREA (SD)	0,0103 Sq.m
CONE EXCURSION WITHOUT DISTORTION (X MAX)	+ - 3,0 mm
FLOW DENSITY IN THE GAP	8.480 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.



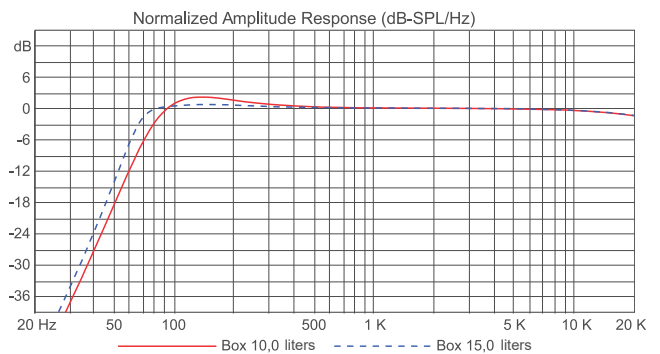
Response curve obtained in a 15L x 75Hz box - (1W x 1m).  
Response: 65Hz to 27kHz (-6 dB) Average reference 92 dB SPL

## MECHANICAL PARAMETERS

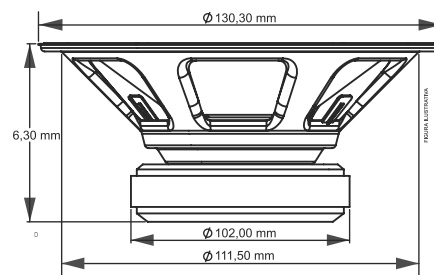
NOMINAL DIAMETER	5 Inches
FERRITE MEASURES	102 X 43 X 14mm
COIL DIAMETER	1 1/4 Inches
COIL WIRE MATERIAL	CCAW
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton®
HOUSING MATERIAL	Steel
FERRITE MATERIAL	Barium
WEIGHT	1,59 Kg
VOLUME OCCUPIED ON THE CABINET	0,40 Liters

## CABINET SUGGESTIONS

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SYNTONY	(H.P.F)	ATTENUATION (ACTIVE)
	LITERS	QUANT.	DIAM.	DEPTH.			
VENTED BOX	10,0	01	3"(POL)	100 mm	90,0 Hz	70 Hz	- 24 dB/Octave
	15	01	3"(POL)	90 mm	75,0 Hz	60 Hz	- 24 dB/Octave



## PRODUCT DIMENSIONS



[www.taramps.com.br](http://www.taramps.com.br)

Rod. Julio Budisk SP 501 s/n, - Compl. KM 30-A/SP ZIP:19.180-000 Phone Number +55 (18) 3266-4050 National Registry(CNPJ): 23.372.795/0001-64

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