



FH 300s



FH 300S is a product that was carefully designed to work with a wide response, adapting to the most varied types of sound systems, standing out from the mid-low to high frequencies with excellent acoustic performance, It features components such as aluminum bullet and cellulose whizzer cone, that contribute to this product achieving an excellent result, that is, a frequency response from 70hz to 17khz. Live a new experience listening to your playlist with a fidelity that will amaze your ears.

ELECTRIC PARAMETERS

RMS POWER	150 W
MUSICAL PROGRAM POWER	300 W
NOMINAL IMPEDANCE	4 or 8 Ohms
RESISTANCE	3,1 / 5,6 ohms/VCC
NO (EFFICIENCY REFERENCE)	1,556%
SENSITIVITY (@ 1W, 1 m)-Free-Air	93,937 dB
DIAPHRAGM MASS (MMD)	12,551 g
TOTAL MASS (MMS)	14,659 g
BL PRODUCT	5.754 TM
MECHANICAL Q (Qms)	3,512
ELECTRIC Q (Qes)	0,704
TOTAL Q (Qts)	0,587
COMPLIANCE (CMS)	259,337u M/N
EQUIVALENT VOLUME (VAS)	20,823 L
FREQUENCY RESPONSE	70Hz to 17.000Hz
RESONANCE FREQUENCY	81,627 Hz
Le @ 10 kHz (COIL INDUCTANCE AT 10 kHz)	0,2008 mH
EFFECTIVE CONE AREA (SD)	0,0237 Sq.m
CONE EXCURSION WITHOUT DISTORCION (X MAX)	- + 3,7 mm
FLOW DENSITY IN THE GAP	10.700 GAUSS

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

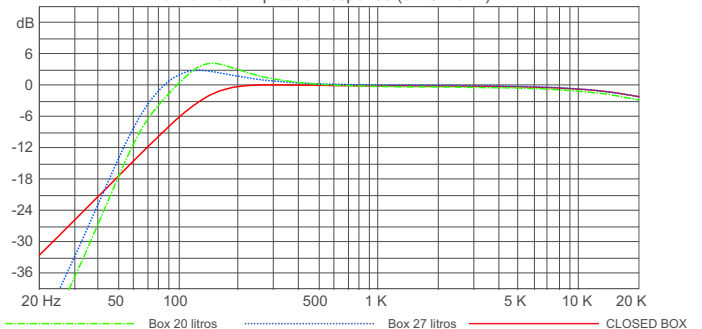
MECHANICAL PARAMETERS

NOMINAL DIAMETER	8 Inches
FERRITE MEASURES	115 X 56 X 18mm
COIL DIAMETER	1.1/2 Inches
COIL HEIGHT	10,5 mm
COIL WIRE MATERIAL	CCA W
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton®
GAP HEIGHT	6,35 mm
HOUSING MATERIAL	Steel
FERRITE MATERIAL	Barium
WEIGHT	2,11 Kg
OCCUPIED VOLUME ON THE CABINET	1,05 Liters

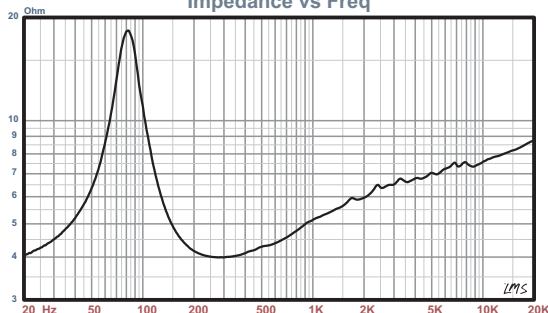
CABINETS SUGGESTION

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SYNTONY	(H.P.F)	ATTENUATION (ACTIVE)
	LITERS	QUANT.	DIAM.	DEPTH			
VENTED BOX	20	02	3"(POL)	75 mm	90 Hz	80 Hz	-24 dB/ Octave
	27	02	3"(POL)	69 mm	80 Hz	70 Hz	-24 dB/ Octave
CLOSED BOX	15	**	**	**	**	80 Hz	-24 dB/ Octave

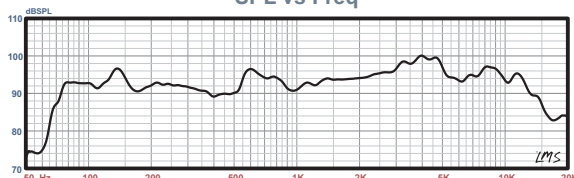
Normalized Amplitude Response (dB-SPL/Hz)



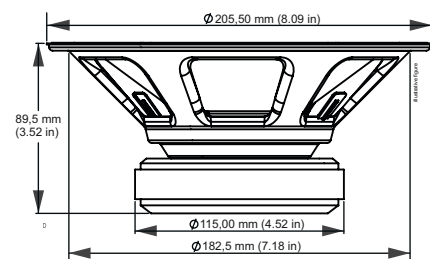
Impedance vs Freq



SPL vs Freq



PRODUCT DIMENSIONS



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