



# MH 420



The MH 420 model was designed to reproduce from mid-bass to mid-high frequencies with great fidelity and clarity, suitable for all types of sound systems, whether 3-way systems or systems for professional use, such as line arrays, monitors, cinemas, theaters. etc., delivering clean and well-defined timbres.

## ELECTRIC PARAMETERS

RMS POWER	420 W
MUSICAL PROGRAM POWER	840 W
NOMINAL IMPEDANCE	4 ou 8 Ohms
RESISTANCE (RE)	3,0 / 5,2 ohms/VCC
NO (EFFICIENCY REFERENCE)	3,108%
DIAPHRAGM MASS (MMD)	26,555 g
TOTAL MASS (MMS)	29,854 g
BL PRODUCT	15.917 TM
MECHANICAL Q (Qms)	5,788
ELECTRIC Q (Qes)	0,215
TOTAL Q (Qts)	0,207
COMPLIANCE (CMS)	272,396u M/N
EQUIVALENT VOLUME (VAS)	39,725 L
SENSITIVITY (@ 1W, 1 m)-Free-Air	96,943 dB
FREQUENCY RESPONSE	60 to 7.000 Hz
RESONANCE FREQUENCY	55,8 Hz
EFFECTIVE CONE AREA (SD)	0,032 Sq.m
CONE EXCURSION WITHOUT DISTORTION (X MAX)	- + 5 mm
FLOW DENSITY IN THE GAP	14.900 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	10 Inches
FERRITE MEASURES	200 x 20 mm
COIL DIAMETER	3 Inches
COIL HEIGHT	14 mm
COIL WIRE MATERIAL	Aluminum
COIL WIRE SECTION	Flat
COIL SHAPE	Fiber
GAP HEIGHT	6 mm
HOUSING MATERIAL	Aluminum
FERRITE MATERIAL	Barium
WEIGHT	5,9 Kg
VOLUME OCCUPIED ON THE CABINET	1,5 Liters

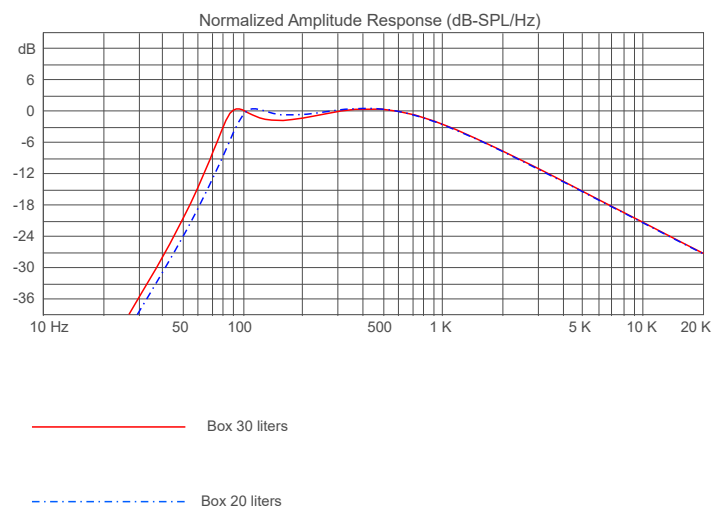
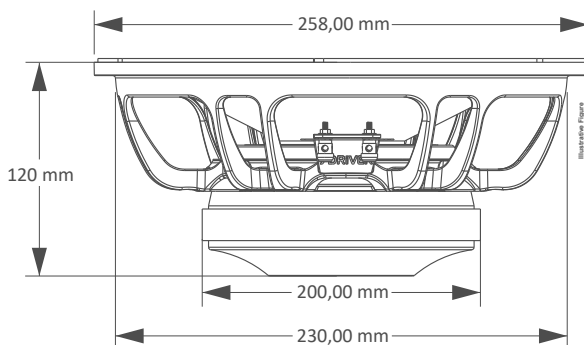
## CABINETS SUGGESTION

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SYNTONY	(H.P.F)	ATTENUATION (ACTIVE)
	LITERS	QUANT.	DIAM.	DEPTH			
VENTED BOX	30	03	3"(POL)	100 mm	87 Hz	82 Hz	- 24 dB/ Octave
	20	03	3"(POL)	80 mm	100Hz	95 Hz	- 24 dB/ Octave

SUGGESTIVE MEASURES

\*For professional lines, it is mandatory to use a cotton or glass wool blanket

## PRODUCT DIMENSIONS



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