



# THUNDER

## BASS

### 3K7



Carefully designed to reproduce low frequencies in sound systems, aimed at automotive trios (external sound systems), standing out in heavy bass without losing its attack, so that your propagation is present and remarkable outdoors. Featuring a mechanical resistance for such application and a unique technology so that every compound could achieve a final result with strength, performance and quality sound within its performance proposal. Welcome to our sound world.

#### ELECTRICAL PARAMETERS

RMS POWER	1.200 W
MUSICAL PROGRAM POWER	2.400 W
MAXIMUM POWER	3.700 W
NOMINAL IMPEDANCE	4 Ohms
RESISTANCE (Re)	2,37 /VCC
NO (EFFICIENCY REFERANCE)	1,474%
SENSITIVITY (@ 1W, 1 m)-Free-Air	93,704 dB
DIAPHRAGM MASS (MMD)	216,459 g
TOTAL MASS (MMS)	231.237 g
BL PRODUCT	21.093 TM
MECHANICAL Q (Qms)	14,292
ELECTRIC Q (Qes)	0,322
TOTAL Q (Qts)	0,315
EQUIVALENT VOLUME (VAS)	68,133 L
COMPLIANCE (CMS)	63,258u M/N
FREQUENCY RESPONSE	40 to 1.500 Hz
RESONANCE FREQUENCY	41,614 Hz
Le @ 10 kHz (coil inductance at 10 kHz)	0,513 mH
EFFECTIVE CONE AREA (SD)	0,087 Sq.m
CONE EXCURSION WITHOUT DISTORION (X MAX)	- + 12,6 mm
FLOW DENSITY IN THE GAP	7.650 GAUSS

The Thiele-Small parameters are obtained after applying a sinusoidal 35 Hz signal (Free air) for a period of 30 minutes at a pre-set tension for break-in.  
 A tolerance of + - 15% on the specified values is allowed.  
 Rms power obtained after applying pink noise (dynamic of 12dB) from 50 a 1500 hz 24 dB (BW), for a period of 2hrs (free air)

#### MECHANICAL PARAMETERS

NOMINAL DIAMETER	15 Inches
FERRITE MEASURES	220 x 25 mm
COIL DIAMETER	4 Inches
COIL HEIGHT	33mm
COIL WIRE MATERIAL	Copper
COIL WIRE SECTION	Round
COIL SHAPE	*Kapton®
GAP HEIGHT	15,5 mm
HOUSING MATERIAL	Aluminum
FERRITE MATERIAL	Barium
WEIGHT	13,2 Kg
VOLUME OCCUPIED ON THE CABINET	7,5 Liters

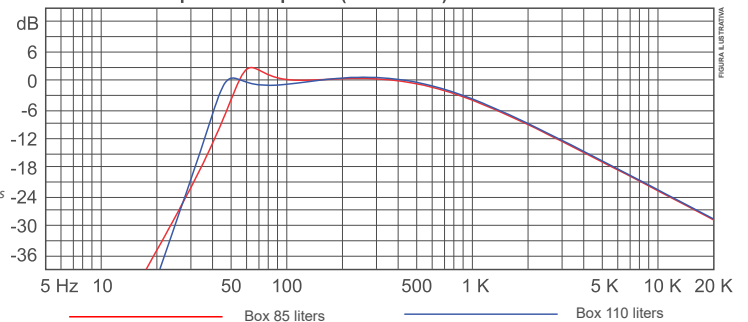
\*Kapton® Marca registrada pela DUPONT

MODEL	VOLUME	DUCTS	DUCTS	DUCTS	SYNTONY	(H.P.F)	ATTENUATION (ACTIVE)
	LITERS	QUANT.	DIAM.	DEPTH			
VENTED BOX	85	03	4"(POL)	151,4 mm	57 Hz	45 Hz	- 24 dB/ Octave
	110	04	4"(POL)	290 mm	47 Hz	37 Hz	- 24 dB/ Octave

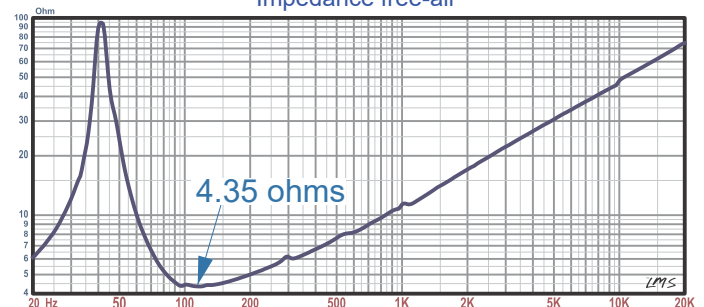
SUGGESTIVE MEASURES

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

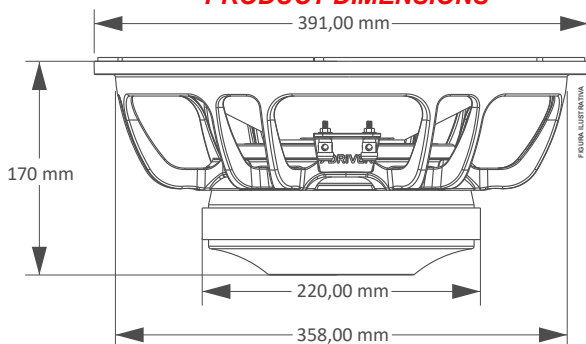
Normalized Amplitude Response (dB-SPL/Hz)



Impedance free-air



#### PRODUCT DIMENSIONS



## 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