

# THUNDER BASS 6.2k

SPEAKER 15 INCH - 4 Ohms

ENGLISH

The Thunder Bass 6.2K 15" was engineered for high-output car audio systems, especially inverted cannon-style enclosures. It delivers up to 6,200 Watts of power with a bold, dual-ferrite magnet structure that combines aggressive looks with high performance. Designed to reproduce deep, high-pressure bass, even in compact enclosures, it's the ideal choice for automotive sound projects of any size.



## ELECTRICAL PARAMETERS

RMS Power - \*\*Internal Procedure Taramps 1550 Watts  
Musical Program Power 3100 Watts  
Maximum Power 6200 Watts

Nominal Impedance 4 Ohms  
RE - Electrical Resistance of The Voice Coil Wire 2,4 Ohm/Vcc  
Le - Coil Inductance @ 1KHz 1,583mH

Frequency Response 45 to 1800Hz  
FS - Resonance Frequency 42,89Hz  
NO - Efficiency Reference 1,48%  
SPL - Sensitivity (@ 1W/1M) Free-air 93,72dB

MMD - Diaphragm Mass 265,352g  
MMS - Total Mass 279,478g

QMS - Mechanical Q 15,018  
QES - Electric Q 0,257  
QTS - Total Quality Factor (QMS+QES) 0,253  
Flow Density in The Gap 8.800 Gauss  
BL Product 24,195 Tm

CMS - Compliance 49,269 uM/N  
X-Max - Cone Excursion Without Distortion (+/-)12,6mm  
VAS - Equivalent Volume 49,950 Liters  
SD - Effective Cone Area 0,084496 M<sup>2</sup>

## MECHANICAL PARAMETERS

Nominal Diameter 15 Inches  
Ferrite Ring Dimensions 8.66" x 4.33" x 1.81" (220 x 110 x 46mm)  
Ferrite Material Barium Y25  
Set Material Steel 1020  
Engine Assembly Painting KTL - Kathodische Tauchlackierung

Coil Diameter 4 Inches  
Coil Winding Height 1.29" (33mm)  
Coil Wire Material CR - Copper  
Coil wire Cross Section Round  
Coil Shape Material Kapton DUPON Trademark  
Rope Material Silver plated Copper

Cone Material Cellulose With Special Fibers  
Edge Material Resin Fabrics  
Cone Shape Smooth Exponential  
Hubcap or Protector Material Cellulose With Special Fibers  
Centering or Spider Material Resin Weave Fabric

Carcass Material Injected Aluminum  
Carcass Painting Electrostatic  
Connector Type Pressure Terminal

Office Occupancy Volume 6,96 Liters

The Thiele-Small parameters are obtained after applying a 50 Hz sine wave for a period of 30 minutes.

A tolerance of (+/-) 15% on the specified values is allowed.

## CABINETS SUGGESTION

MODEL	VOLUME	Cabinet Dimensions			SINTONY	(H.P.F)	ATTENUATION (ACTIVE)
	LITERS	Height	Width	Depth			
VENTED BOX	79,5	17.5"	16.53"	17.08"	63 Hz	40 Hz	-24 dB/ Octava
		444,5 mm	420 mm	434 mm			

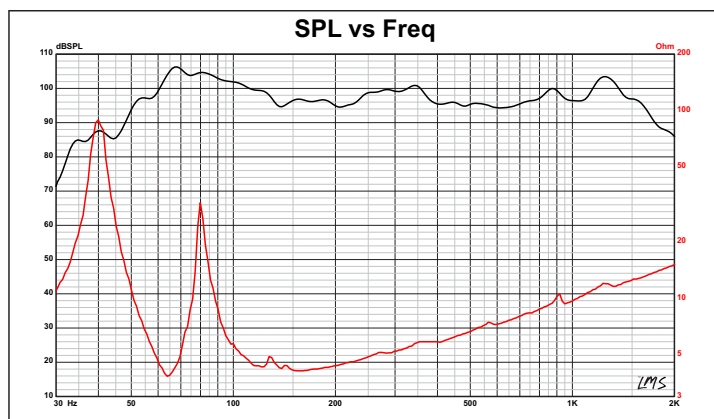
Note: Features, specifications, and aesthetic aspects are subject to change without prior notice.

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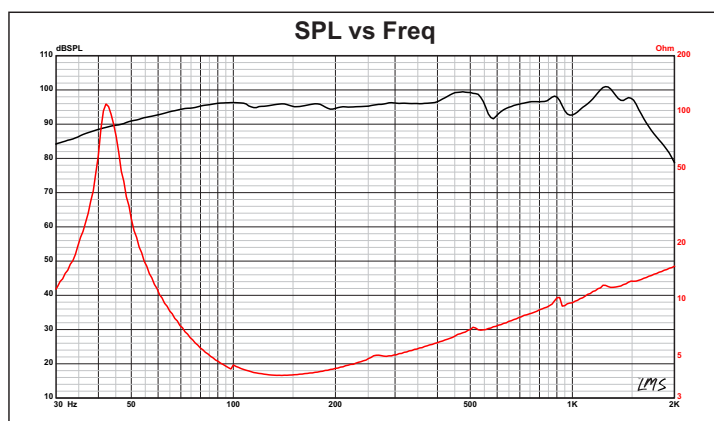
Manufactured by: TARAMPS ELECTRONICS LTDA - CNPJ: 11.273.485/0001-03 - 30 Júlio Budisk Hwy., Alfredo Marcondes, SP - 19.180-120, Brazil.

+55 18 3266-4050

www.taramps.com.br

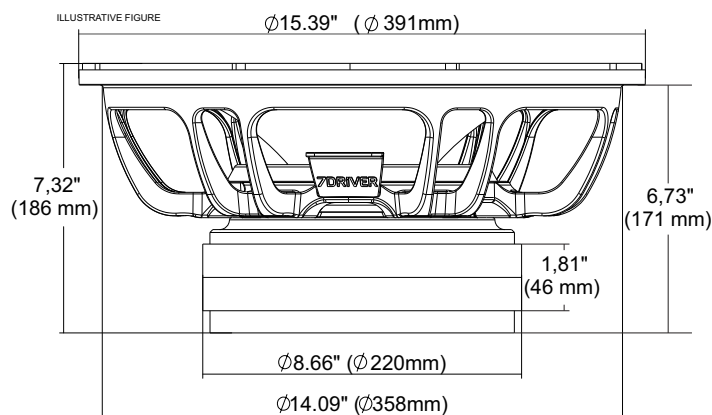


Response curve in a 79,5L box tuned to 63 Hz in an anechoic chamber, 1W / 1M.



Impedance curve 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