

# THUNDER BASS 6.2k

SPEAKER 18 INCH - 4 Ohms

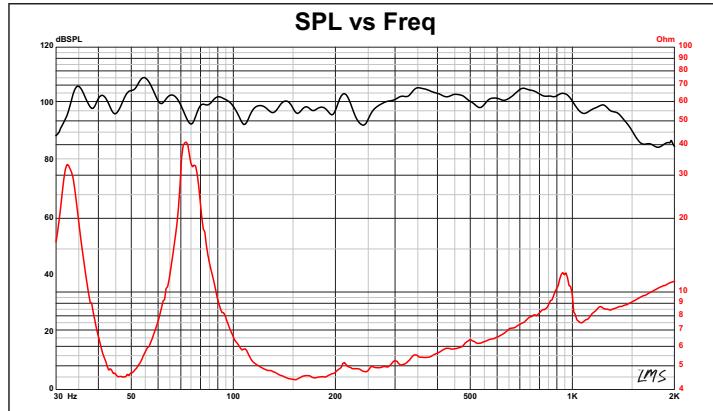
ENGLISH

The Thunder Bass 6.2K 18" was developed for sound walls with front boxes and inverted cannon boxes. 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	3100 Watts
Maximum Power	6200 Watts
Nominal Impedance	4 Ohms
RE - Electrical Resistance of The Voice Coil Wire	3,1 Ohm/Vcc
Le - Coil Inductance @ 1KHz	1,531mH
Frequency Response	32 à 1400Hz
FS - Resonance Frequency	52,05Hz
NO - Efficiency Reference	2,856%
SPL - Sensitivity (@ 1W/1M) Free-air	96,575dB
MMD - Diaphragm Mass	170,865g
MMS - Total Mass	194,708g
QMS - Mechanical Q	17,889
QES - Electric Q	0,465
QTS - Total Quality Factor (QMS+QES)	0,453
Flow Density in The Gap	11,100 Gauss
BL Product	20,678Tm
CMS - Compliance	48,019 uM/N
X-Max - Cone Excursion Without Distortion	(+/-)12mm
VAS - Equivalent Volume	97,307 Litros
SD - Effective Cone Area	0,119459 M <sup>2</sup>



Response curve in a 122L box tuned to 47 Hz in an anechoic chamber, 1W / 1M.

## MECHANICAL PARAMETERS

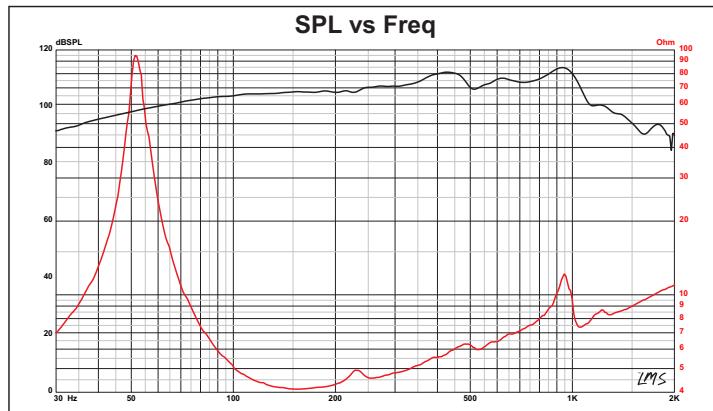
Nominal Diameter	18 Inches
Ferrite Ring Dimensions	8.66" x 4.33" x 1.96" (220 x 110 x 50mm)
Ferrite Material	Barium
Set Material	Steel 1020
Coil Diameter	4 Inches
Carcass Material	Injected Aluminum
Carcass Painting	Electrostatic
Connector Type	Pressure Terminal
Office Occupancy Volume	12,59 Liters

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.

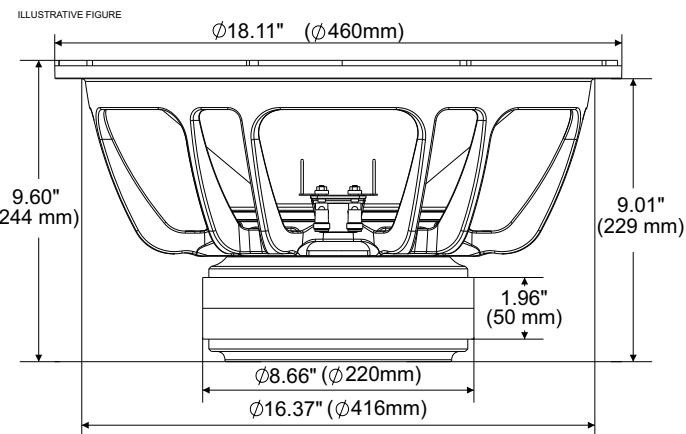
## CABINETS SUGGESTION

MODEL	VOLUME	Cabinet Dimensions			SINTONY	(H.P.F)	ATTENUATION (ACTIVE)
		LITERS	Height	Width			
VENTED BOX	121,7	20,47"	20,47"	17,71"	60 Hz	55 Hz	- 24 dB/ Octava
		520 mm	520 mm	450 mm			



Impedance curve Free-Air.

## PRODUCT DIMENSIONS



Note: Features, specifications, and aesthetics are subject to change without notice.

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](http://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**