

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 ²

MECHANICAL PARAMETERS

Nominal Diameter	15 Inches
Ferrite Ring Dimensions	8.66" x 4.33" x 1.96" (220 x 110 x 50mm)
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
	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			

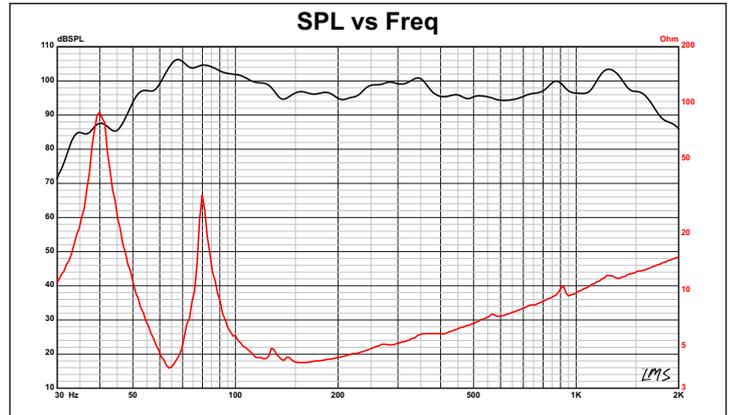
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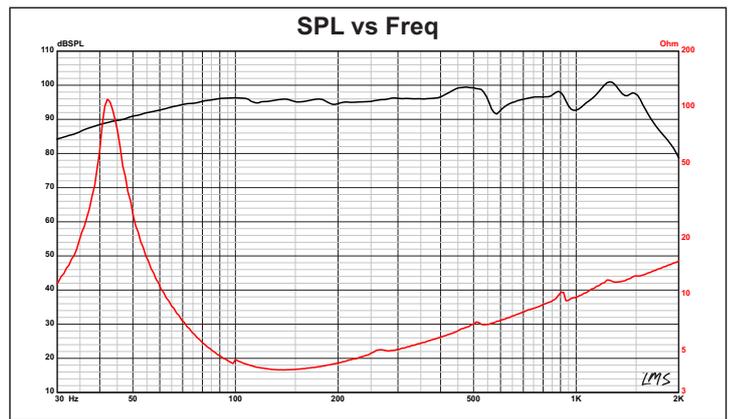
Manufactured by: TARAMPS ELECTRONICS LTDA - CNPJ: 11.273.485/0001-03 – 30 Júlio Budisk Hwy., Alfredo Marcondes, SP - 19.180-120, Brazil.

+55 18 3266-4050

www.taramps.com.br

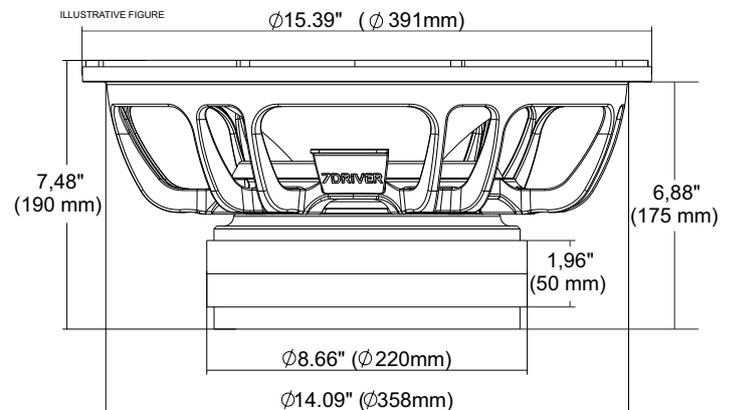


Response curve in a 79,5L box tuned to 63 Hz in an anechoic chamber, 1W / 1M.



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