

**GST  
SERIES**

# GST-151200 v3

*Ferrite Magnet Die-cast Chassis Driver*

## Features

- 2400 W continuous program power capacity
- 101.6 mm (4 inch) voice coil
- 40 - 2000 Hz response
- 96 dB sensitivity
- Ferrite magnet
- Auto Balanced Cooling



The P.Audio GST-151200 V3 is a 15 inch (381mm) diameter high performance low frequency woofer. The design utilizes a large format 4 inch (101.6mm) nominal voice coil diameter with a very high power cooper based coil configured in an inside/outside wind geometry. The design provides a very high peak power handling rating of 4800 Watts. The large format ferrite based magnet structure produces very high conversion efficiency. Inside/Outside winding geometry assists in coil cooling and improves both transducer power handling and system reliability. The GST-151200 V3 also features a very long air gap height that improves transducer linearity.

The GST-151200 V3 offers very smooth and controlled amplitude response to 1500Hz and has a useable high frequency limit of 2000Hz. The rated low frequency limit 40Hz will insure excellent low frequency extension and bass response. The GST-151200 V3 is an excellent choice for high output two way system designs where extended low frequency energy is specified. It is ideally coupled with P.Audio new FD Series and new ND Series compression drivers. P.Audio offers a wide range of high frequency horns that can provide short throw or medium throw designs when coupled with the GST-151200 V3.

The design features very large diameter double silicone impregnated spiders to insure long term linearity. The silicone impregnated spiders and very high system power handling will insure excellent long term performance. The double spider design provides superior bearing control for a large coil excursions. The cone is waterproof to improve reliability in high humidity environments.

The GST-151200 V3 features an aluminum die cast chassis that includes P.Audio Auto Balanced Cooling design that minimizes coil and magnet structure heating, and further improves system performance.

## General Specifications

Nominal Diameter	381 mm (15 in)
Nominal Impedance	8 $\Omega$
Nominal Power Handling	1200 W(AES)
Continuous Program Power Capacity	2400 W
Sensitivity	96 dB
Frequency Range	40-2000 Hz
Voice Coil Diameter	101.6 mm (4 in)
Voice Coil Material	Copper (IN/OUT)
Former Material	Glass fiber
Effective Piston Diameter	331.9 mm (13.1 in)
Flux Density	1.1T

## Physical Information

Magnet Material	Ferrite
Basket Material	Aluminium
Surround Material	Cloth
Cone Material	Paper
Dust Cap Material	Paper
Spider Material	Cotton (Double Silicone)
Gasket	EVA
Pole Design	T-Pole
Woofer Cone Treatment	Waterproof Front Side

## Parameters

Fs	44 Hz	Vas	76.82 lt
Re	5.6 $\Omega$	Sd	881.4 cm <sup>2</sup>
Qms	12.33	Le	0.83 mH
Qes	0.53	Eff ( $\eta_0$ )	1.26%
Qts	0.51	Cms	7.1 e-05 m/N
BL	23.12Tm	Xmax	4.12 mm
Mms	180.20 g	Hag	15.0mm
Mmd	165.16 g	Hvc	27.0 mm

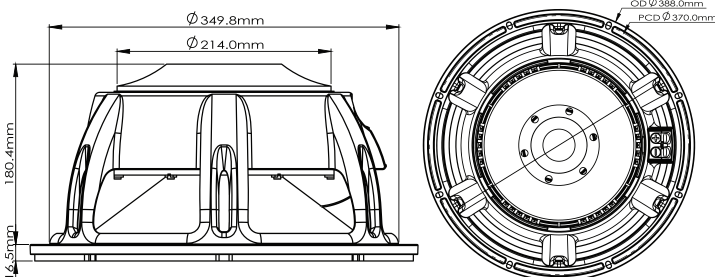
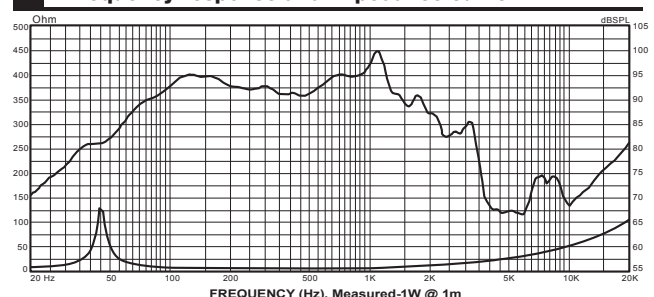
## Mounting and Shipping Info

Diameter	388.0 mm (15.27 in)
Baffle Cutout Diameter	349.8 mm (13.77 in)
Mounting Hole Diameter	370.0 mm (14.56 in)
Bolt Circle Diameter	10 x $\varnothing$ 6.5 mm
Depth	180.4 mm (7.1 in)
Flange and Gasket Thickness	16.5 mm (0.64 in)
Net Weight	15.2 kg
Shipping Units	1
Shipping Weight	16.8 kg
Shipping Box	415x 415 x 242 mm

## Recone Kit

Model No

## Frequency response and Impedance curve



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