



KEY FEATURES:

- 98 db 1W / 1m average sensitivity
- 100 mm high temperature sandwich voice coil
- 1200 W AES program power
- Powerful, vented 220 mm magnet structure
- Double aluminium demodulating rings for lower distortion and improved heat dissipation
- Double silicone spiders for improved excursion control and linearity

PART NUMBER: 11115F0508

Application : Mid-bass

15PD600 is a high power 15 inch mid-bass loudspeaker, with high efficiency and very good linearity. It features a 4" sandwich voice coil, 220 mm magnet structure, vented aluminium frame, double spider assembly and two aluminum demodulating rings that reduce distortions and improve cooling of the voice coil. **15PD600** is suitable for compact size bass reflex enclosures and horn loaded or hybrid horn loaded systems.

SPECIFICATIONS

Nominal Diameter	15"/385 inch/mm
Impedance	8 Ohm
Minimum Impedance	7.95 Ohm
Power Capacity AES ¹	600 W
Program Power ²	1200 W
Sensitivity	(200-2000 Hz) 98 dB/W/m
Frequency Range	38 - 2500 Hz
Voice Coil Diameter	100 mm
Voice Coil Material	Copper
Voice Coil Former	Glassfiber
V. C. Winding Depth	22 mm
Magnet Gap Depth	10 mm
Cone Material	Paper with glasfiber
Basket	Die cast aluminium
Magnet	Ferrite
Flux Density	1.38 T

THIELE-SMALL PARAMETERS

Fs	38.20 Hz
Qms	13.41
Qes	0.232
Qts	0.228
Vas	133.31 Litres
Mms	125.14 grams
Re	6.35 Ohms
Sd	829.6 cm ²
Xmax*	± 8.5 mm
Cms	0.139 mm/N
BL	28.70 T.m
Le at 1kHz	1.17 mH

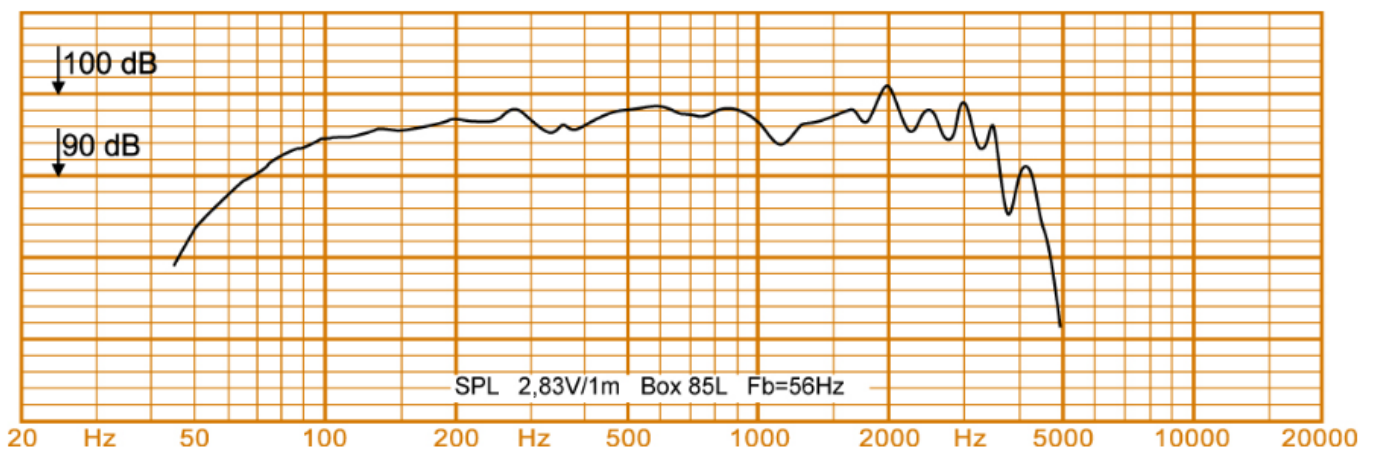
1. AES standard. Power is calculated on rated minimum impedance. Measurement is in 120 L box enclosure tuned 56 Hz using a 40-400 Hz band limited pink noise test signal applied continuously for 2 hours.

2. Program power is defined as 3db greater than AES Power Capacity.

* Linear Mathematical Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.

MOUNTING INFORMATION

Overall Diameter	388 mm
Baffle Hole Diameter	355 mm
Mounting Holes	8 with dia. 7mm
Bolt Circle Diameter	370/372 mm
Overall Depth	181 mm
Net Weight	11.8 kg



Frequency Response