

P
SERIES

P150/2226 v3

Ferrite Magnet Die-cast Chassis Driver

Features

- 1600 W continuous program power capacity
- 99.3 mm (3.9 inch) voice coil
- 40 - 2000 Hz response
- 96 dB sensitivity
- Ferrite magnet



The P Audio P150/2226 V3 is a high output low frequency to mid range transducer designed with a vintage voicing. The P150/2226 V3 is an upgraded design that features many of P Audio's new technologies and performance upgrades. The 15 inch (381mm) diameter piston will produce extremely high sound pressure levels at from low frequencies thru the upper mid range and is ideal for high level two way and three way sound reinforcement systems. The P150/2226 V3 is well suited for both live sound and recorded music venues. The transducer uses high energy ferrite magnetics to achieve a very high acoustic output.

The P150/2226 V3 employs a large 3.9 inch (99.3mm) diameter voice coil and has been upgraded to an AES rated 800 watts of continuous power handling and a full 3200 watts of peak rated power handling when sufficient amplifier headroom is available. The P150/2226 V3 utilizes P Audio's Auto Balanced Cooling (ABC) technology to not only improve transducer power handling and reliability but to also increase power compression performance by carefully balancing and directing airflow to critical areas.

The voice coil design is bobbin wound geometry with P Audio's rectangular wire technology to improve conversion efficiency and provide a large cross sectional area for superior cooling. The transducer employs magnetic flux demodulation devices in the structure to increase fidelity and sonic accuracy. The system suspension has been designed specifically for high linear displacement and extended low frequency response. The transducer chassis is a die cast aluminum design that insures a very high degree of structural integrity.

General Specifications

Nominal Diameter	381 mm (15 in)
Nominal Impedance	8 Ω
Nominal Power Handling	800 W(AES)
Continuous Program Power Capacity	1600 W
Sensitivity	96 dB
Frequency Range	40-2000 Hz
Voice Coil Diameter	99.3 mm (3.9 in)
Voice Coil Material	Flat aluminium wire
Former Material	Glass fiber
Effective Piston Diameter	340.2 mm (13.4 in)
Flux Density	1.0T

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	No Treatment

Parameters

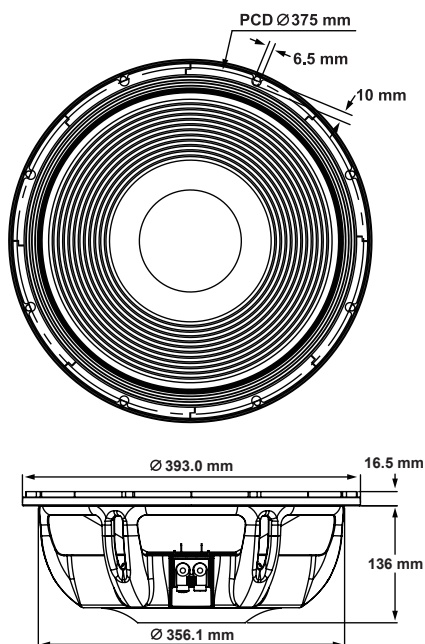
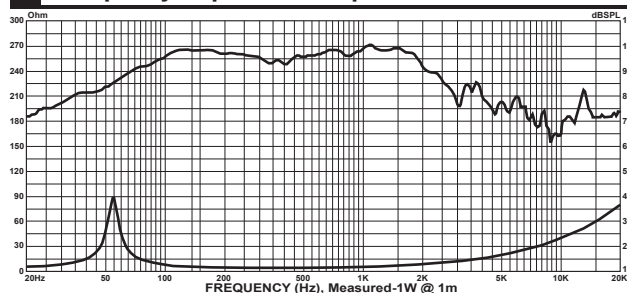
Fs	54 Hz	Vas	72.45 lt
Re	5.0 Ω	Sd	907.9 cm ²
Qms	9.14	Le	0.64 mH
Qes	0.53	Eff (η ₀)	2.12%
Qts	0.50	Cms	6.2 e-05 m/N
BL	20.89 Tm	Xmax	5.5 mm
Mms	136.91 g	Hag	8.0 mm
Mmd	121.18 g	Hvc	19.0 mm

Mounting and Shipping Info

Diameter	393.0 mm (15.5 in)
Baffle Cutout Diameter	356.1 mm (14.0 in)
Mounting Hole Diameter	375.0 mm (14.8 in)
Bolt Circle Diameter	8 x Ø 6.5 mm
Depth	136.0 mm (5.4 in)
Flange and Gasket Thickness	16.5 mm (0.64 in)
Net Weight	14.2 kg
Shipping Units	1
Shipping Weight	15.8 kg
Shipping Box	430 x 430 x 200 mm

Recone Kit F05031518411PAA

Frequency response and Impedance curve



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