PROFESSIONAL LOUDSPEAKERS

6PR150

6" - 150 W - 97 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	147 mm (5.78 in)
Depth	89 mm (3.50 in)
Flange and Gasket Thickness	9.3 mm (0.37 in)
Net Weight	**1.4 kg (3.1 lb)**
Shipping Box (Single Carton Box)	195 x 195 x 141 mm (7.7 x 7.7 x 5.6 in)
Shipping Weight	1.6 kg (3.5 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01603976
Recone Kit - 8 Ohm Version	R1603976

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.6 Ohm
AES Power Handling **(1)**	150 W
Maximum Power Handling (2)	**300 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	100÷5000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	7.3 mm (0.29 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.35 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	100 Hz
Re	5.5 Ohm
Qes	0.35
Qms	8.8
Qts	0.34
Vas	4.9 dm^3 (0.17 ft^3)
Sd	137 cm^2 (21.28 in^2)
Xmax **(4)**	2.65 mm
Xdamage **(5)**	11.6 mm
Mms	13.5 g
Bl	11.6 N/A
Le	0.28 mH
Mmd	11.7 g
Cms	0.19 mm/N
Rms	1.0 kg/s
Eta Zero	1.38 %
EBP	286 Hz

NOTES:

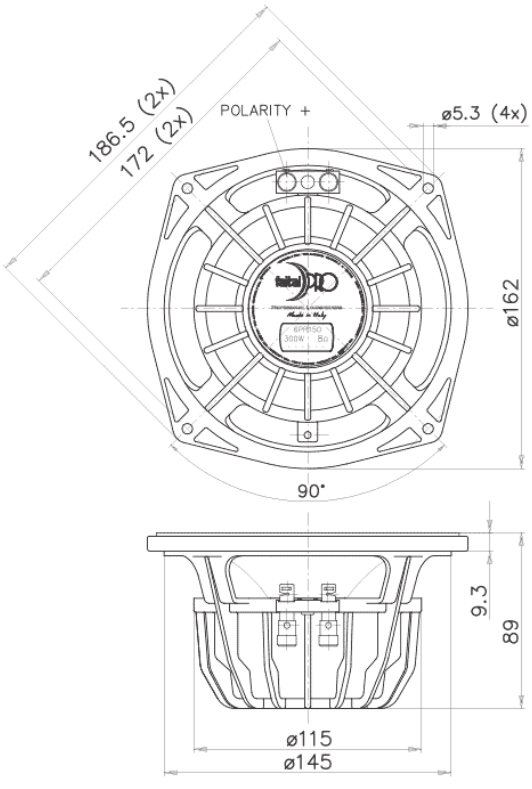
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

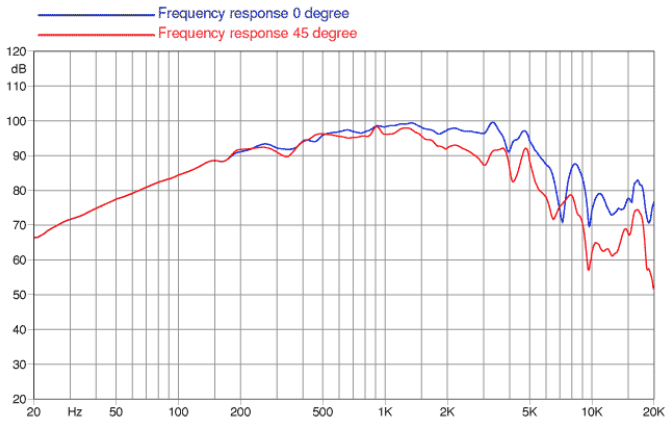
(2) Maximum power is defined as 3dB greater than nominal power.

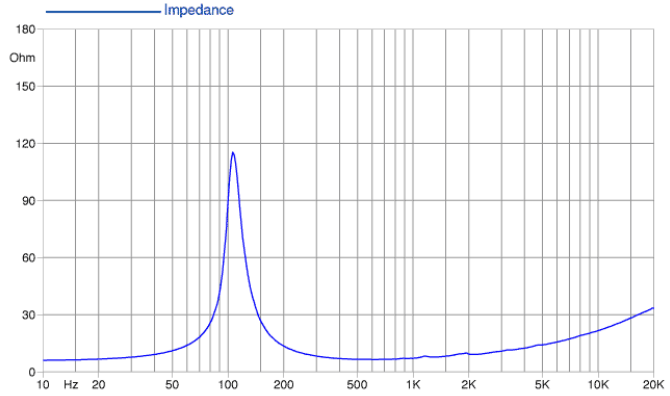
(3) Treated Polycotton

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(5) Maximum excursion before permanent damage







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