faital PRO PROFESSIONAL LOUDSPEAKERS

6PR160

6" - 120 W - 95 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 (5.79 in)
Depth	73 mm (2.87 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	**1 kg (2.2 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	1.1 kg (2.4 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01604294

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)

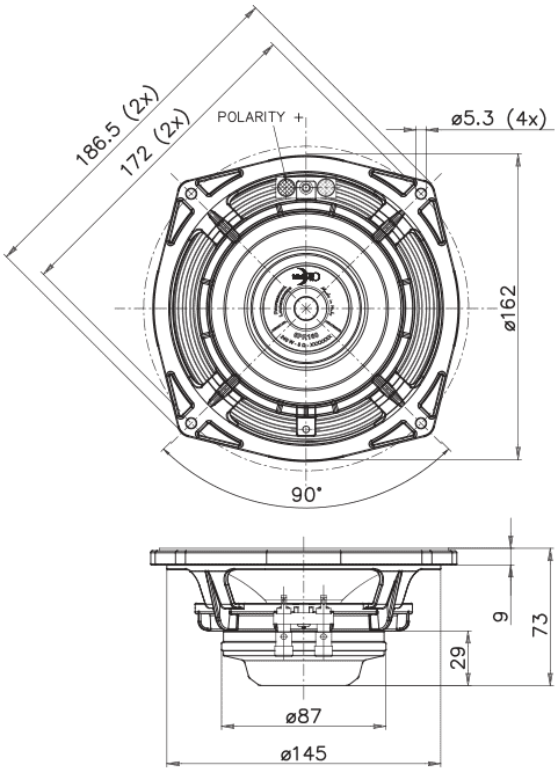
(5) Maximum excursion before permanent damage

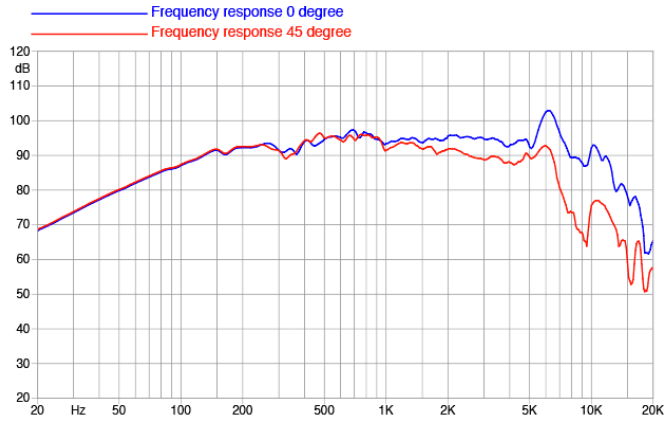
TECHNICAL PARAMETERS

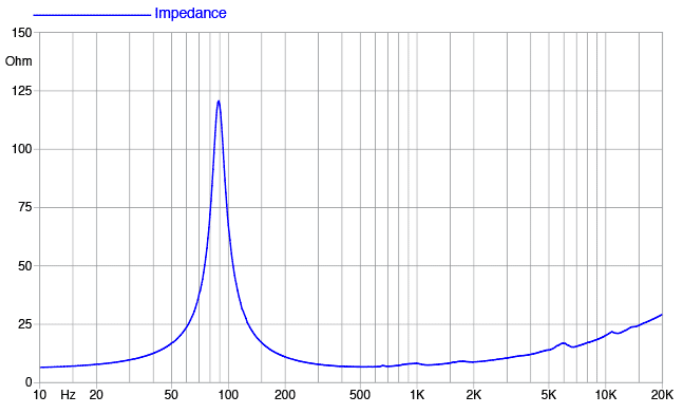
Nominal Impedance	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling **(1)**	120 W
Maximum Power Handling (2)	**240 W**
Sensitivity (1W/1m)	**95 dB**
Frequency Range	80÷8000 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12 mm (0.47 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.6 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	0.37 dm^3 (0.013 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	90 Hz
Re	5.9 Ohm
Qes	0.35
Qms	6.6
Qts	0.33
Vas	5.9 dm^3 (0.21 ft^3)
Sd	130 cm^2 (20.10 in^2)
Xmax **(4)**	5.00 mm
Xdamage **(5)**	11.6 mm
Mms	12.5 g
Bl	11 N/A
Le	0.28 mH
Mmd	10.8 g
Cms	0.25 mm/N
Rms	1.1 kg/s
Eta Zero	1.21 %
EBP	261 Hz







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