faital PRO PROFESSIONAL LOUDSPEAKERS

6PR110

6" - 150 W - 96 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	80 mm (3.15 in)
Flange and Gasket Thickness	9.5 mm (0.37 in)
Net Weight	**2.2 kg (4.9 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	2.4 kg (5.3 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01604091
Recone Kit - 8 Ohm Version	R1604160

TECHNICAL PARAMETERS

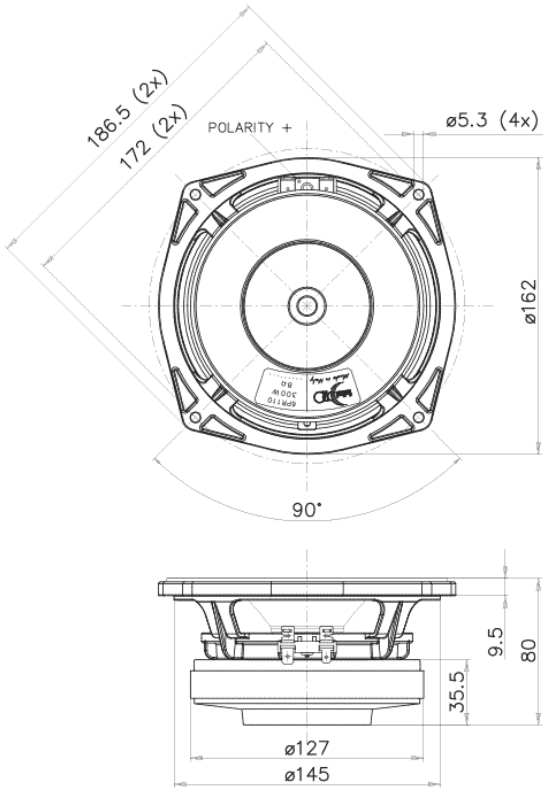
Nominal Impedance	8 Ohm
Minimum Impedance	7 Ohm
AES Power Handling **(1)**	150 W
Maximum Power Handling (2)	**300 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	100÷6000 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	7.5 mm (0.30 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.35 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.7 dm^3 (0.025 ft^3)
Spider Profile	1x constant height waves

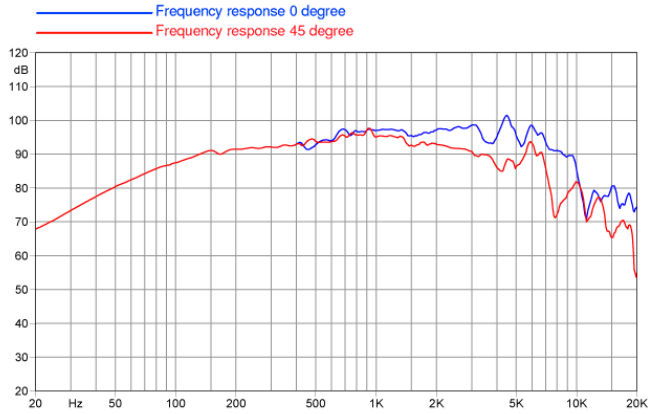
THIELE & SMALL PARAMETERS

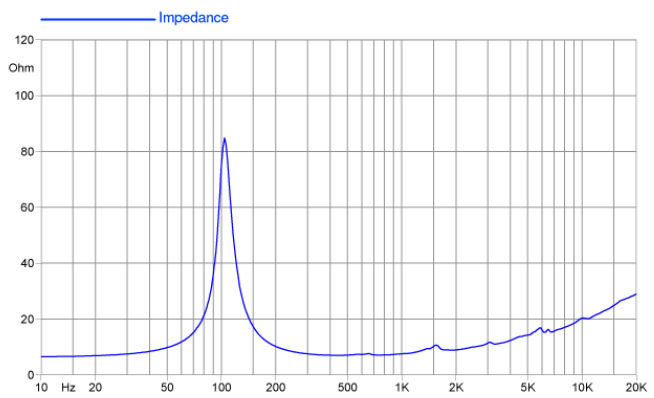
Fs	100 Hz
Re	6 Ohm
Qes	0.60
Qms	4.2
Qts	0.53
Vas	5.6 dm^3 (0.20 ft^3)
Sd	137 cm^2 (21.28 in^2)
Xmax **(4)**	2.75 mm
Xdamage **(5)**	11.6 mm
Mms	12.0 g
Bl	8.5 N/A
Le	0.22 mH
Mmd	10.2 g
Cms	0.20 mm/N
Rms	1.8 kg/s
Eta Zero	0.86 %
EBP	167 Hz

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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