faital PRO PROFESSIONAL LOUDSPEAKERS

15XL1400

15" - 1400 W - 96 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	217 mm (8.54 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Net Weight	**11.8 kg (25.9 lb)**
Shipping Box (Single Carton Box)	422 x 417 x 264 mm (16.6 x 16.4 x 10.4 in)
Shipping Weight	13.5 kg (29.8 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804008
Recone Kit - 8 Ohm Version	R3804008

NOTES:

PATENT PENDING

(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)

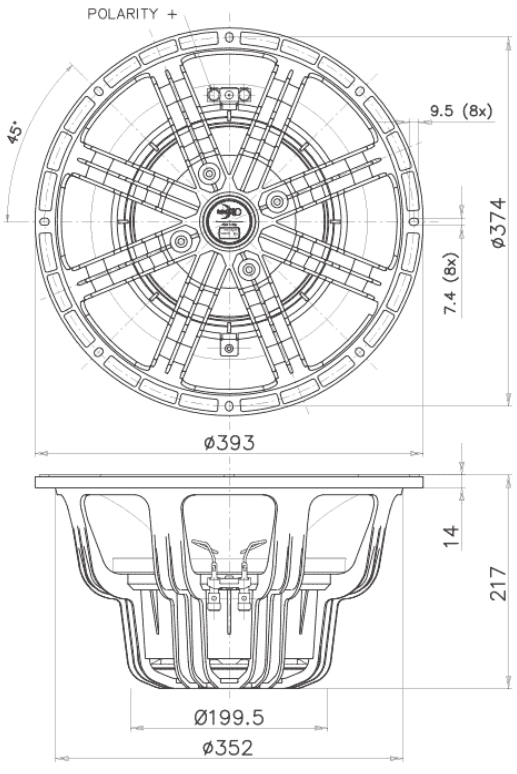
(5) Maximum excursion before permanent damage

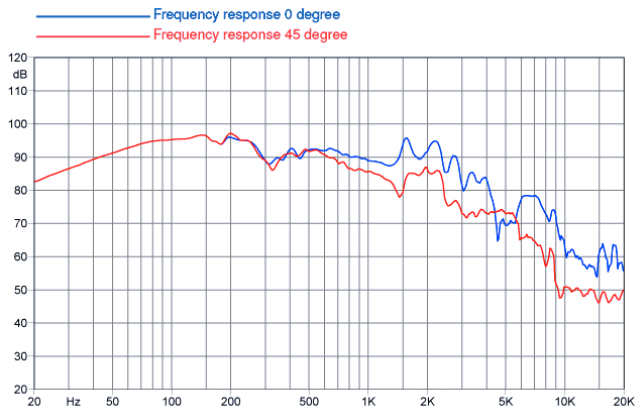
TECHNICAL PARAMETERS

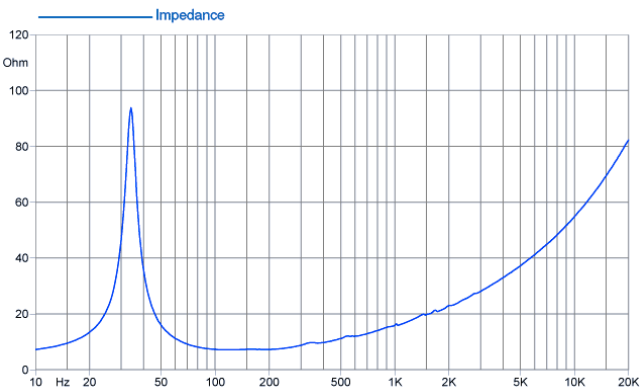
Nominal Impedance	8 Ohm
Minimum Impedance	7.4 Ohm
AES Power Handling **(1)**	1400 W
Maximum Power Handling (2)	**2800 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	40÷2500 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	31 mm (1.22 in)
Magnetic Gap Depth	**15.5 mm (0.61 in)**
Flux Density	1.05 T
Magnet	Neodymium Slug Crown
Basket Material	Aluminum
Demodulation	Triple Al Dem. Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	6 dm^3 (0.212 ft^3)
Spider Profile	2x non-adjacent symmetrical constant height waves

THIELE & SMALL PARAMETERS

Fs	38 Hz
Re	5.4 Ohm
Qes	0.34
Qms	10.4
Qts	0.33
Vas	91.2 dm^3 (3.22 ft^3)
Sd	841 cm^2 (130.36 in^2)
Xmax **(4)**	12.92 mm
Xdamage **(5)**	28 mm
Mms	190.0 g
Bl	26.7 N/A
Le	1.6 mH
Mmd	162.4 g
Cms	0.09 mm/N
Rms	4.4 kg/s
Eta Zero	1.41 %
EBP	112 Hz







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