faital PRO PROFESSIONAL LOUDSPEAKERS

10FE300

10" - 250 W - 96 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	260 mm (10.24 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	233 mm (9.17 in)
Depth	110 mm (4.33 in)
Flange and Gasket Thickness	7 mm (0.28 in)
Net Weight	**3.2 kg (7.1 lb)**
Shipping Box (Single Carton Box)	282 x 280 x 155 mm (11.1 x 11.0 x 6.10 in)
Shipping Weight	3.7 kg (8.2 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	02504321

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)

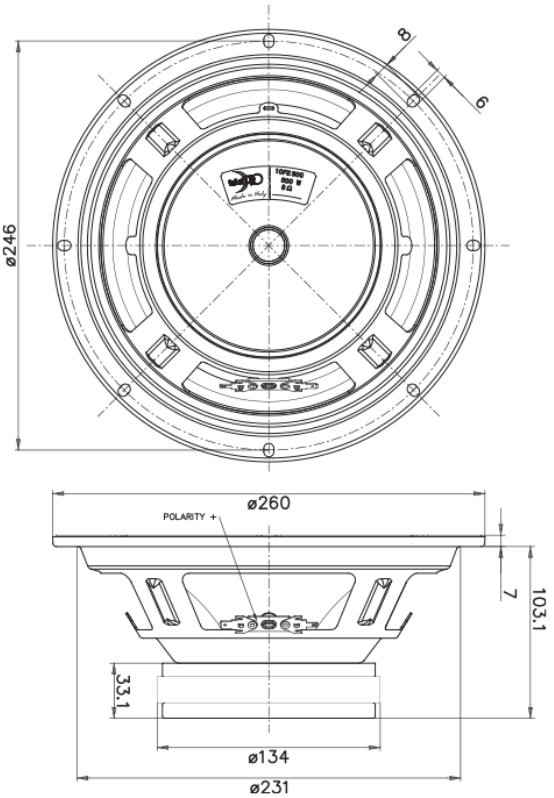
(5) Maximum excursion before permanent damage

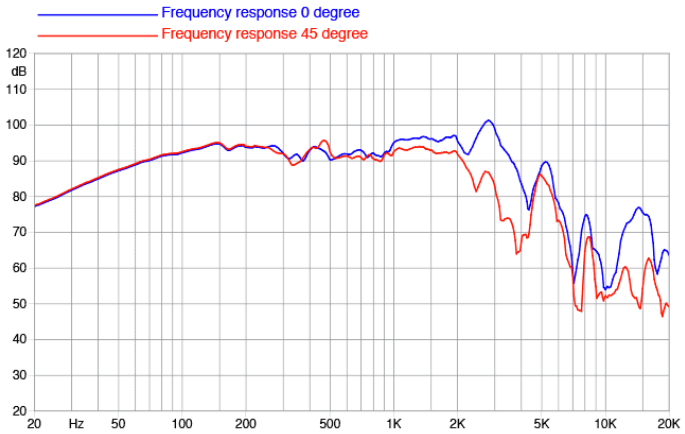
TECHNICAL PARAMETERS

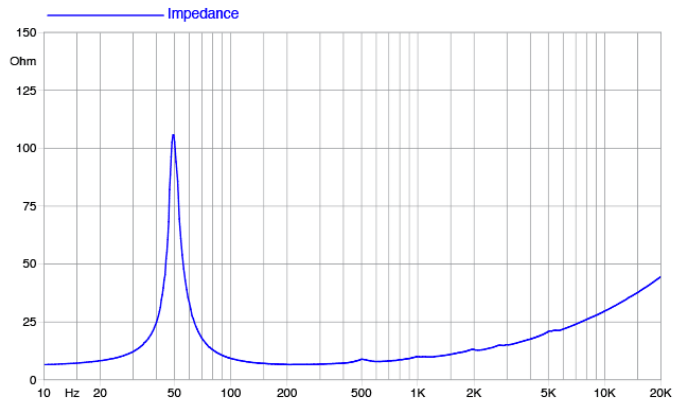
Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling **(1)**	250 W
Maximum Power Handling (2)	**500 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	50÷4000 Hz
Voice Coil Diameter	**52 mm (2.05 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	13.7 mm (0.54 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	1.25 dm^3 (0.044 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	50 Hz
Re	5.8 Ohm
Qes	0.54
Qms	13.1
Qts	0.52
Vas	50.5 dm^3 (1.78 ft^3)
Sd	358 cm^2 (55.49 in^2)
Xmax **(4)**	5.52 mm
Xdamage **(5)**	13.1 mm
Mms	35.9 g
Bl	11.3 N/A
Le	0.6 mH
Mmd	28.2 g
Cms	0.28 mm/N
Rms	0.9 kg/s
Eta Zero	1.20 %
EBP	93 Hz







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