PROFESSIONAL LOUDSPEAKERS

10FE200

10" - 150 W - 96 dB - 4 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	256.8 mm (10.11 in)
Bolt Circle Diameter	243.8 mm (9.60 in)
Baffle Cutout Diameter	233.3 mm (9.19 in)
Depth	102 mm (4.02 in)
Flange and Gasket Thickness	8 mm (0.31 in)
Net Weight	**2.2 kg (4.9 lb)**
Shipping Box (Single Carton Box)	282 x 280 x 140 mm (11.1 x 11.0 x 5.5 in)
Shipping Weight	2.6 kg (5.7 lb)

PART NUMBER

Faston Terminals - 4 Ohm Version	02504057

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)

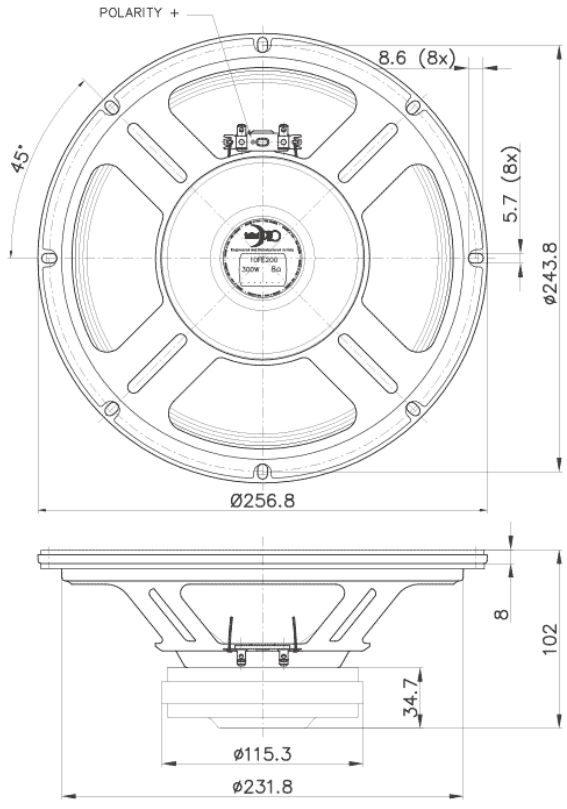
(5) Maximum excursion before permanent damage

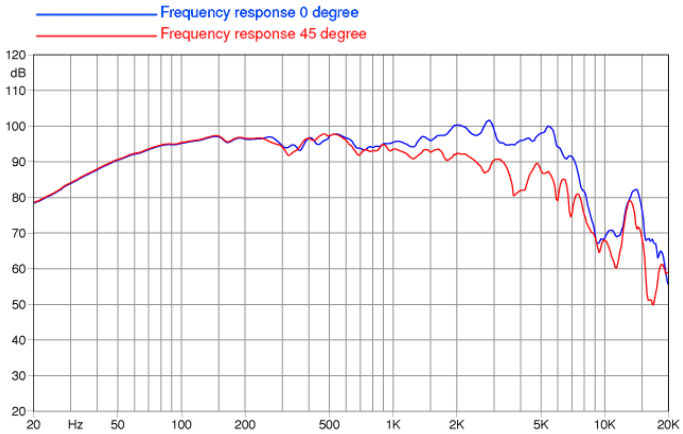
TECHNICAL PARAMETERS

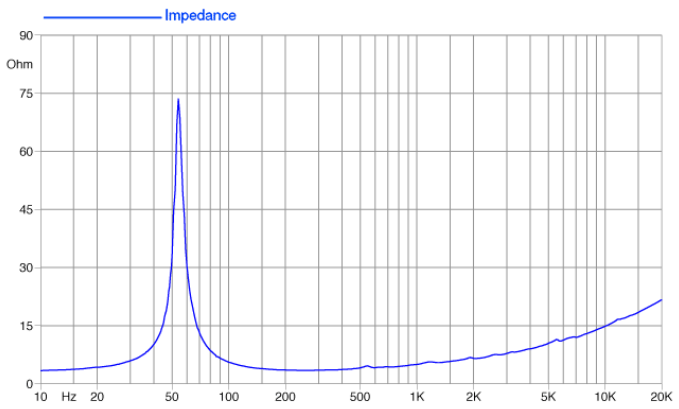
Nominal Impedance	4 Ohm
Minimum Impedance	3.6 Ohm
AES Power Handling **(1)**	150 W
Maximum Power Handling (2)	**300 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	50÷4500 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	11.9 mm (0.47 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1 T
Magnet	Ferrite Ring
Basket Material	Steel
Demodulation	No
Cone Surround **(3)**	Accordion (4 waves)
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	55 Hz
Re	3 Ohm
Qes	0.52
Qms	9.2
Qts	0.49
Vas	61.0 dm^3 (2.15 ft^3)
Sd	360 cm^2 (55.75 in^2)
Xmax **(4)**	4.62 mm
Xdamage **(5)**	10.4 mm
Mms	24.8 g
Bl	7 N/A
Le	0.30 mH
Mmd	17.1 g
Cms	0.34 mm/N
Rms	0.9 kg/s
Eta Zero	1.88 %
EBP	106 Hz







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