faital PRO PROFESSIONAL LOUDSPEAKERS

5RS150

5" - 120 W - 87 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nominal Diameter	130 mm (5 in)
Overall Diameter	146 mm (5.75 in)
Bolt Circle Diameter	137 mm (5.39 in)
Baffle Cutout Diameter	124 mm (4.88 in)
Depth	83 mm (3.27 in)
Flange and Gasket Thickness	5 mm (0.20 in)
Net Weight	**1.92 kg (4.2 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 113 mm (7.48 x 7.28 x 4.44 in)
Shipping Weight	2.1 kg (4.6 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	01304443

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003

(2) Maximum power is defined as 3dB greater than nominal power.

(3) Rubber

(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

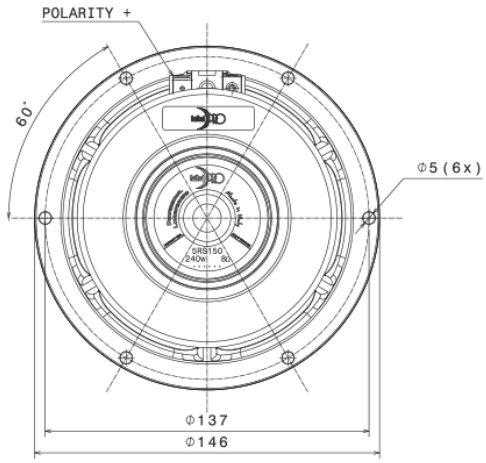
(5) Maximum excursion before permanent damage

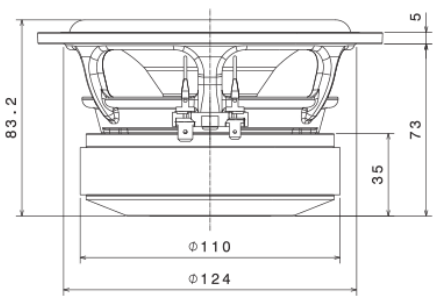
TECHNICAL PARAMETERS

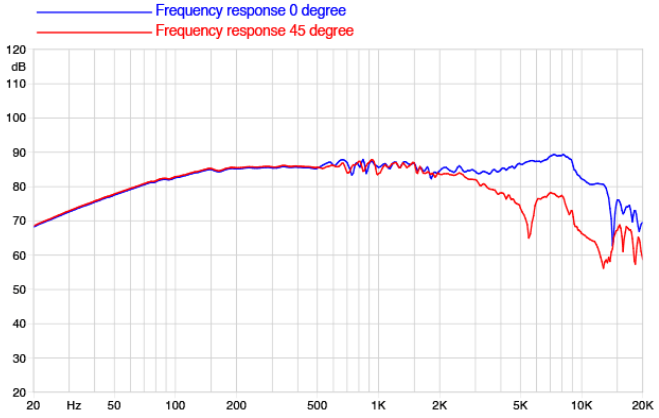
Nominal Impedance	8 Ohm
Minimum Impedance	9 Ohm
AES Power Handling **(1)**	120 W
Maximum Power Handling (2)	**240 W**
Sensitivity (1W/1m)	**87 dB**
Frequency Range	45÷9000 Hz
Voice Coil Diameter	**37 mm (1.46 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	18 mm (0.71 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.35 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.5 dm^3 (0.016 ft^3)
Spider Profile	1x constant height waves

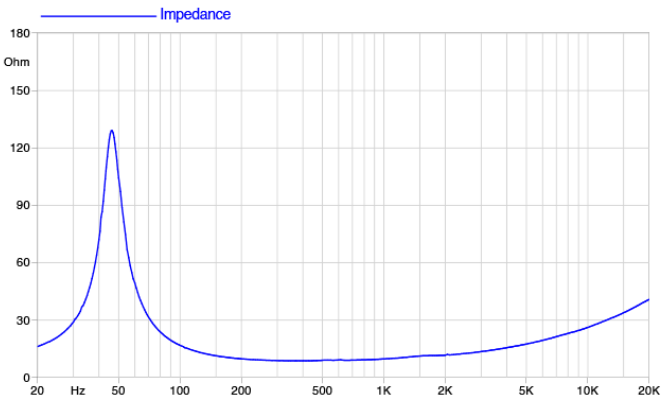
THIELE & SMALL PARAMETERS

Fs	46 Hz
Re	7.9 Ohm
Qes	0.32
Qms	5.0
Qts	0.30
Vas	9.2 dm^3 (0.33 ft^3)
Sd	88 cm^2 (13.64 in^2)
Xmax **(4)**	8.00 mm
Xdamage **(5)**	13 mm
Mms	14.0 g
Bl	10.0 N/A
Le	0.45 mH
Mmd	13.1 g
Cms	0.86 mm/N
Rms	0.86 kg/s
Eta Zero	0.3 %
EBP	144 Hz









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