faital PRO PROFESSIONAL LOUDSPEAKERS

6HX150



LF 6" - 150 W - 93 dB - 8 Ohm
HF 15 W - 104 dB - 8 Ohm

NOMINAL SPECIFICATIONS

Nom. 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	95 mm (3.74 in)
Flange and Gasket Thickness	9.3 mm (0.37 in)
Net Weight	**1.3 kg (2.9 lb)**
Shipping Box (Single Carton Box)	202 x 202 x 134 mm (8.0 x 8.0 x 5.3 in)
Shipping Weight	2.8 kg (6.2 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01604030
Recone Kit LF - 8 Ohm Version	R1604030
Recone Kit HF - 8 Ohm Version	R0254031

TECHNICAL PARAMETERS

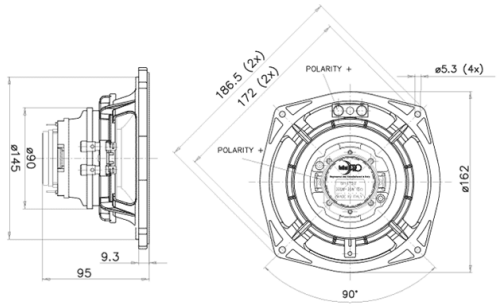
	LF	HF
Nom. Impedance	8 Ohm	8 Ohm
Minimum Impedance	6 Ohm	6.3 Ohm
AES Power Handling **(1)**	150 W	15 W
Max Power Handling (2)	**300 W**	**30 W**
Sensitivity (1W/1m) (3)	**93 dB**	**104 dB**
Frequency Range	90÷5000 Hz	1500÷18000 Hz
Voice Coil Diameter	**52 mm (2 in)**	**25 mm (1 in)**
Winding Material	**Cu**	**Al**
Former Material	Glass Fiber	Kapton
Winding Depth	10.7 mm (0.42 in)	1.7 mm (0.07 in)
Magnetic Gap Depth	**6 mm (0.24 in)**	**2 mm (0.08 in)**
Flux Density	1.35 T	1.3 T
Min. Cross. Freq. **(4)**	-	1.7 kHz
Dispersion Angle	-	90°
Diaphragm Material	**-**	**Ketone Polymer**
Diaphragm Shape	**-**	**Dome**
Magnet	Neodymium Ring	Neodymium Ring
Basket Material	Aluminum	-
Demodulation	Aluminum Ring	-
Cone Surround **(5)**	Half Roll	-
NET Air Volume filled by Loudspeaker	0.6 dm^3 (0.021 ft^3)	-
Spider Profile	1x constant height waves	-

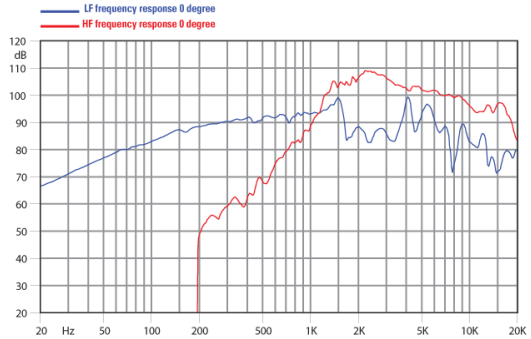
THIELE & SMALL PARAMETERS

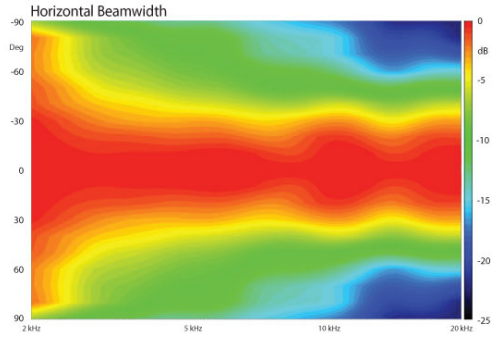
Fs	88 Hz
Re [LF]	5.5 Ohm
Re [HF]	6 Ohm
Qes	0.35
Qms	8.3
Qts	0.34
Vas	6.3 dm^3 (0.22 ft^3)
Sd	139.2 cm^2 (21.58 in^2)
Xmax **(6)**	4.35 mm
Xdamage **(7)**	10.15 mm
Mms	14 g
Bl	12 N/A
Le	0.64 mH
Mmd	12.1 g
Cms	0.23 mm/N
Rms	0.9 kg/s
Eta Zero	1.41 %
EBP	251 Hz

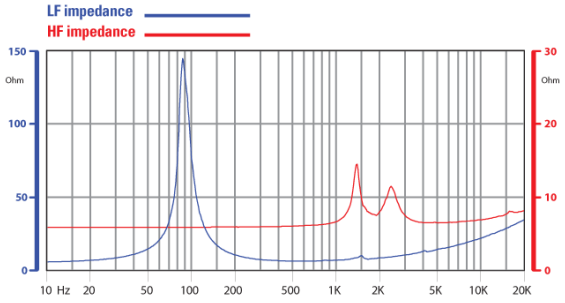
NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) HF Sensitivity averaged within the frequency range
(4) 12 dB/oct or higher slope high-pass filter
(5) Treated Polycotton
(6) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(7) Maximum excursion before permanent damage









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