

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
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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) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (7) Maximum excursion before permanent damage

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

