PROFESSIONAL LOUDSPEAKERS

15XL2400

15" - 2200 W - 96 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	237.5 mm (9.35 in)
Flange and Gasket Thickness	11.5 mm (0.45 in)
Net Weight	**15.7 kg (34.6 lb)**
Shipping Box (Single Carton Box)	422 x 417 x 284 mm (16.6 x 16.4 x 11.1 in)
Shipping Weight	17.0 kg (37.5 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804444

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)

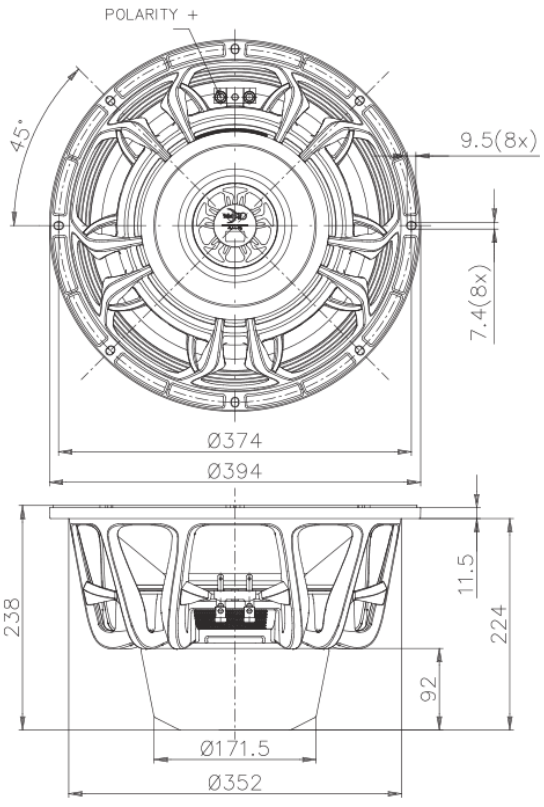
(5) Maximum excursion before permanent damage

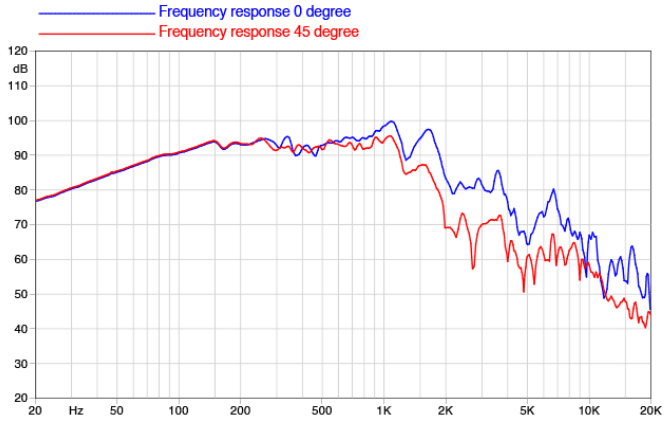
TECHNICAL PARAMETERS

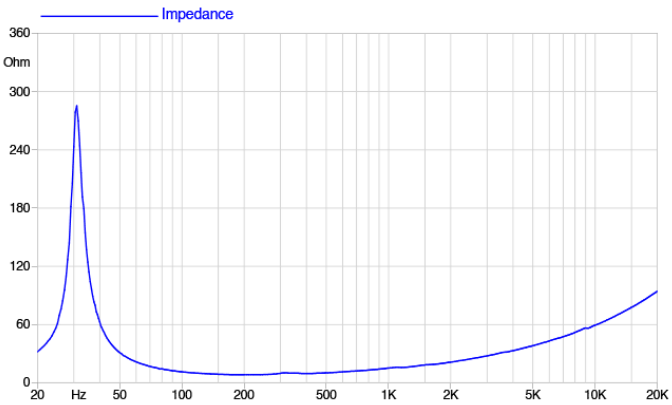
Nominal Impedance	8 Ohm
Minimum Impedance	8.1 Ohm
AES Power Handling **(1)**	2200 W
Maximum Power Handling (2)	**4400 W**
Sensitivity (1W/1m)	**96 dB**
Frequency Range	30÷1500 Hz
Voice Coil Diameter	**140 mm (5.5 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	40 mm (1.57 in)
Magnetic Gap Depth	**14 mm (0.55 in)**
Flux Density	1.35 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	7.3 dm^3 (0.258 ft^3)
Spider Profile	2x constant height waves

THIELE & SMALL PARAMETERS

Fs	32 Hz
Re	6.3 Ohm
Qes	0.21
Qms	15.4
Qts	0.21
Vas	113.9 dm^3 (4.02 ft^3)
Sd	848 cm^2 (131.44 in^2)
Xmax **(4)**	17.67 mm
Xdamage **(5)**	40 mm
Mms	218.0 g
Bl	36.0 N/A
Le	1.4 mH
Mmd	190.1 g
Cms	0.11 mm/N
Rms	2.8 kg/s
Eta Zero	1.7 %
EBP	150 Hz







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