PROFESSIONAL LOUDSPEAKERS

15XL1200

15" - 1400 W - 95 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	194.3 mm (7.65 in)
Flange and Gasket Thickness	13.7 mm (0.54 in)
Net Weight	**7.3 kg (16.1 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	8.6 kg (19.0 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804311

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)

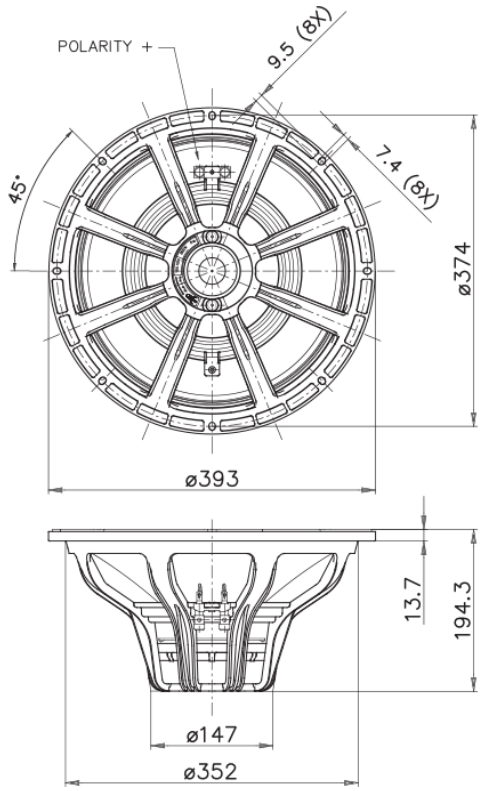
(5) Maximum excursion before permanent damage

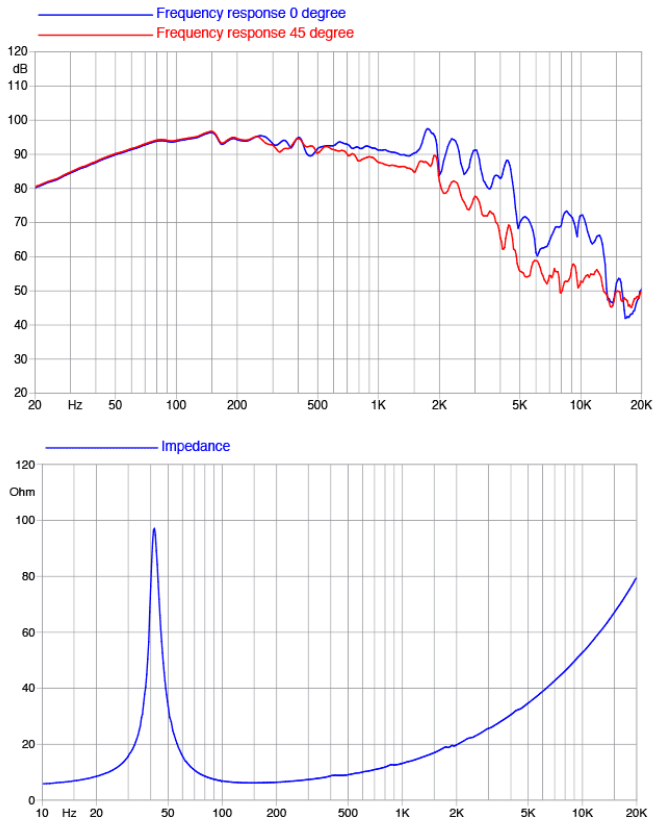
TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.4 Ohm
AES Power Handling **(1)**	1400 W
Maximum Power Handling (2)	**2800 W**
Sensitivity (1W/1m)	**95 dB**
Frequency Range	40÷2000 Hz
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	28.9 mm (1.14 in)
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	1.1 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	4.1 dm^3 (0.145 ft^3)
Spider Profile	2x non-adjacent symmetrical variable height waves

THIELE & SMALL PARAMETERS

Fs	40 Hz
Re	5 Ohm
Qes	0.41
Qms	10.9
Qts	0.40
Vas	86.9 dm^3 (3.07 ft^3)
Sd	841 cm^2 (130.36 in^2)
Xmax **(4)**	12.45 mm
Xdamage **(5)**	24 mm
Mms	180.0 g
Bl	23.6 N/A
Le	1.34 mH
Mmd	152.4 g
Cms	0.09 mm/N
Rms	4.2 kg/s
Eta Zero	1.33 %
EBP	98 Hz





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