PROFESSIONAL LOUDSPEAKERS

15FH510

15" - 500 W - 98 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	180 mm (7.09 in)
Flange and Gasket Thickness	13.1 mm (0.52 in)
Net Weight	**8.4 kg (18.5 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	9.5 kg (20.9 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03804079
Recone Kit - 8 Ohm Version	R3804079

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.3 Ohm
AES Power Handling **(1)**	500 W
Maximum Power Handling (2)	**1000 W**
Sensitivity (1W/1m)	**98 dB**
Frequency Range	35÷3150 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Cu
Former Material	Glass Fiber
Winding Depth	22 mm (0.87 in)
Magnetic Gap Depth	**10.5 mm (0.41 in)**
Flux Density	1.2 T
Magnet	Ferrite Ring
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	4.1 dm^3 (0.145 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.1 Ohm
Qes	0.27
Qms	10.7
Qts	0.26
Vas	191.8 dm^3 (6.77 ft^3)
Sd	847 cm^2 (131.29 in^2)
Xmax **(4)**	9.25 mm
Xdamage **(5)**	16 mm
Mms	108.0 g
Bl	21 N/A
Le	1.4 mH
Mmd	80.1 g
Cms	0.19 mm/N
Rms	2.2 kg/s
Eta Zero	2.90 %
EBP	130 Hz

NOTES:

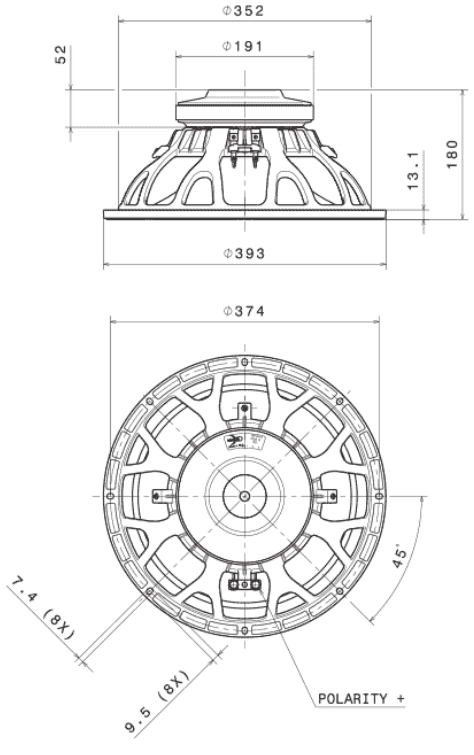
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

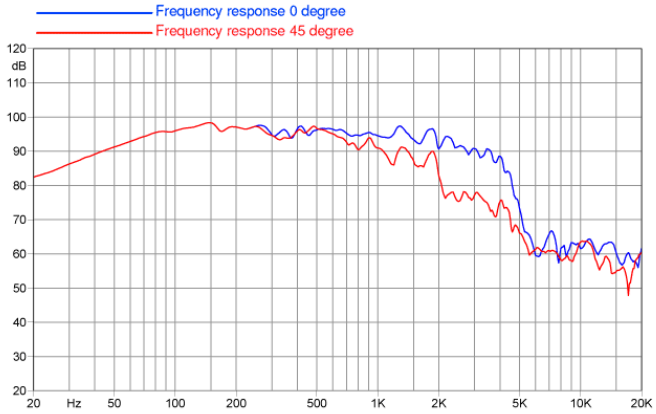
(2) Maximum power is defined as 3dB greater than nominal power.

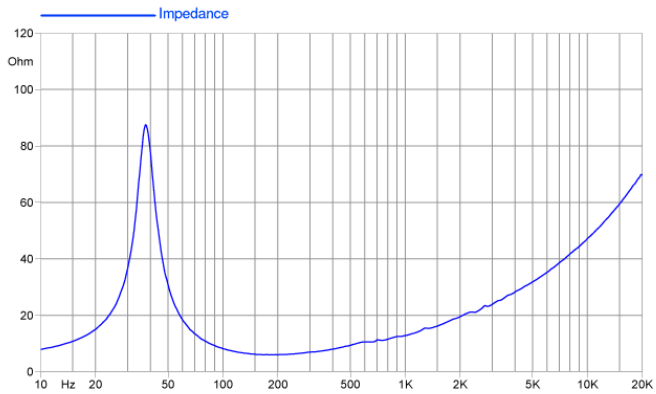
(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage







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