PROFESSIONAL LOUDSPEAKERS

15FH500

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	356 mm (14.02 in)
Depth	181.3 mm (7.14 in)
Flange and Gasket Thickness	13.7 mm (0.54 in)
Net Weight	**4.3 kg (9.5 lb)**
Shipping Box (Single Carton Box)	430 x 427 x 236 mm (16.9 x 16.8 x 9.3 in)
Shipping Weight	5.4 kg (11.9 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	03803926
Recone Kit - 8 Ohm Version	R3803926

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6 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	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	M-Roll
NET Air Volume filled by Loudspeaker	3.4 dm^3 (0.120 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	5.1 Ohm
Qes	0.32
Qms	10.4
Qts	0.31
Vas	199.2 dm^3 (7.03 ft^3)
Sd	847 cm^2 (131.29 in^2)
Xmax **(4)**	9.25 mm
Xdamage **(5)**	16 mm
Mms	104.0 g
Bl	19.2 N/A
Le	1.3 mH
Mmd	76.1 g
Cms	0.20 mm/N
Rms	2.2 kg/s
Eta Zero	2.62 %
EBP	109 Hz

NOTES:

PATENTED IT 2006/000327

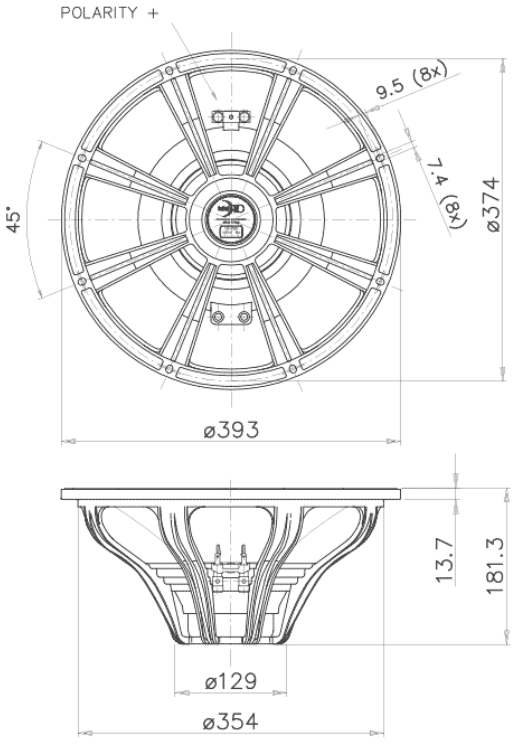
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

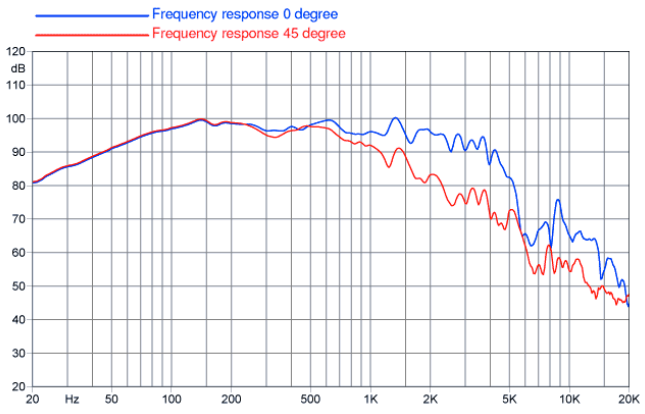
(2) Maximum power is defined as 3dB greater than nominal power.

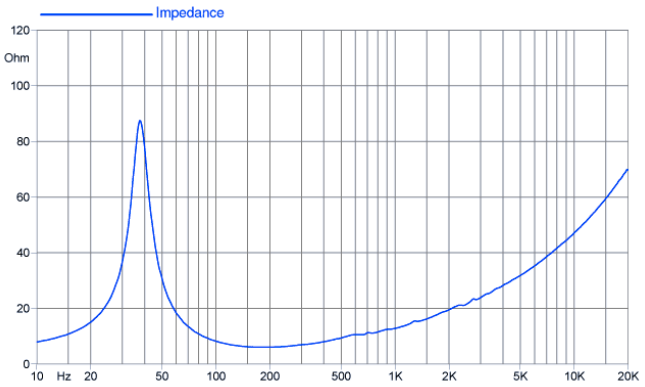
(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage







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