

# 15FX560

15" - 700 W - 99 dB - 8 Ohm



### NOMINAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Overall Diameter	418.4/388 mm (16.46/15.28 in)
Bolt Circle Diameter	374 mm (14.72 in)
Baffle Cutout Diameter	354 mm (13.98 in)
Depth	185 mm (7.28 in)
Flange and Gasket Thickness	11.5 mm (0.45 in)
<b>Net Weight</b>	<b>7.5 kg (16.5 lb)</b>
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	03803997
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### NOTES:

#### PATENT PENDING

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

### TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling (1)	700 W
<b>Maximum Power Handling (2)</b>	<b>1400 W</b>
<b>Sensitivity (1W/1m)</b>	<b>99 dB</b>
Frequency Range	40-4000 Hz
<b>Voice Coil Diameter</b>	<b>77 mm (3 in)</b>
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	23.5 mm (0.93 in)
<b>Magnetic Gap Depth</b>	<b>14 mm (0.55 in)</b>
Flux Density	1.1 T
Magnet	Neodymium Slug Crown
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (3)	Triple Roll
NET Air Volume filled by Loudspeaker	4.1 dm <sup>3</sup> (0.145 ft <sup>3</sup> )
Spider Profile	1x variable height waves

### THIELE & SMALL PARAMETERS

Fs	38 Hz
Re	5.2 Ohm
Qes	0.31
Qms	6.8
Qts	0.30
Vas	159.0 dm <sup>3</sup> (5.62 ft <sup>3</sup> )
Sd	864 cm <sup>2</sup> (133.92 in <sup>2</sup> )
Xmax (4)	9.42 mm
Xdamage (5)	21.8 mm
Mms	115.0 g
Bl	21.5 N/A
Le	0.64 mH
Mmd	86.3 g
Cms	0.15 mm/N
Rms	4.0 kg/s
Eta Zero	2.74 %
EBP	123 Hz

