

# 6152-8

18" Subwoofer — 1800W — 97dB SPL



### TECHNICAL PARAMETERS

Nominal Impedance	8.0Ω
Minimum Impedance	5.0Ω
AES Power (1)	900W
Continuous Power (2)	1800W
Sensitivity (1W/1m) (3)	97 dB SPL
Frequency Range (4)	30Hz - 250Hz
Voice Coil Diameter	4.0in (102mm)
Winding Material	Edgewound Aluminum
Former Material	Nomex over Aramid Fiber
Winding Depth	1.325in (33.7mm)
Magnetic Gap Depth	0.45in (11.5mm)
Flux Density	1.2T
Magnet Type	Double Ferrite Ring
Motor Architecture (5)	T-Poll w/ Shorting Ring
Surround Type	Triple-Roll Polycotton
Spider Type	8in Sinewave
Cone	174 Ribbed w/ 5in Dustcap
Cone Treatment	Reinforced Neck
Electrical Termination	0.25in (6.3mm) Spade

### THIELE — SMALL PARAMETERS

Fs	30Hz
Re	5.0Ω
Qes	0.47
Qms	5.6
Qts	0.43
Vas	354 x 10 <sup>-3</sup> m <sup>3</sup>
Sd	122 x 10 <sup>-3</sup> m <sup>2</sup>
Mms	172 x 10 <sup>-3</sup> kg
Bl	18 T·m
Le	1.1 x 10 <sup>-3</sup> H
Mmd	125 x 10 <sup>-3</sup> kg
Cms	155 x 10 <sup>-6</sup> m/N
Rms	5.8 N·s/m
Xmax	15 x 10 <sup>-3</sup> m
Xdamage	25 x 10 <sup>-3</sup> m

### CONSTRUCTION

Basket Construction	Diecast Aluminum
Nominal Diameter	18.0in (457mm)
Nominal Volume	360in <sup>3</sup> (5.9 x 10 <sup>-3</sup> m <sup>3</sup> )
Overall Diameter	18.2in (462mm)
Bolt Circle Diameter	17.5in (444.5mm)
Baffle Cutout Diameter	16.9in (429mm)
Depth	8.62in (219mm)
Flange Thickness	0.7in (18mm)
Net Weight (ea)	24lbs (10.9kg)
Standard Package	2
Shipping Weight (ea)	28lbs (12.7kg)
Shipping Dimensions (ea)	22x22x14in (559x559x356mm)

### NOTES

- (1) 2 hour test conducted with band limited continuous pink noise. (AES2-2012)
- (2) Recommended amplifier power for typical program material.
- (3) Measured at 2.83 Vrms in 8Ω Nominal load.
- (4) Recommended minimum 24dB/oct slope.
- (5) Integrated demodulation ring, heatsink, and venting.

