

**NEODYMIUM**

**WOOFER**



## D18G812N

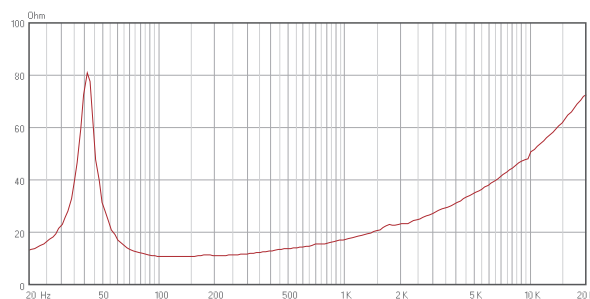
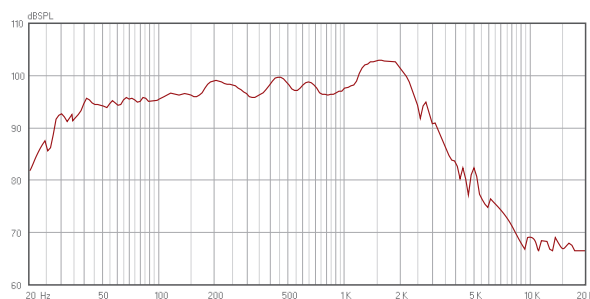
- 1600 Watt Max Power
- 99.5mm (4 inch) voice coil
- 35Hz to 1.5kHz frequency response
- 97dB 1W@1m sensitivity
- Neodymium magnet structure

### Specifications

Model	D18G812N	
Nominal diameter	in.	18
Power handling capacity	W(AES)	800
Max power	Watts	1600
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	97
Frequency range	Hz	35-1.5K
Voice coil diameter	mm/in	99.5/4
Fs	Hz	33
Re	Ω	5.2
Qms		5.59
Qes		0.44
Qts		0.40
Vas	L	234
Mms	gr	205
Cms	mm/N	0.11
BL	Tm	22.0
Le	mH	1.03
Xmax	mm	6.5
nO	%	1.8
Sd	cm <sup>2</sup>	1225
Overall diameter	mm	462
Bolt circle diamete	mm	446.5-451.5
Baffle cut-out diameter	mm	436
Overall depth	mm	224
Net weight	Kg	8.5

- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmas is defined at the BL drops by 18% of the original figure.

### Frequency Response and Impedance Magnitude Curve



### Dimension Drawings

