

# The Manufacturer of Professional Speaker

**FERRITE**

**SUBWOOFER**

## S18G800A

- 1600 Watt Max Power
- 99.5mm(4inch) voice coil
- 42Hz to 200Hz frequency response
- 98dB 1W@1m sensitivity
- Ferrite magnet structure

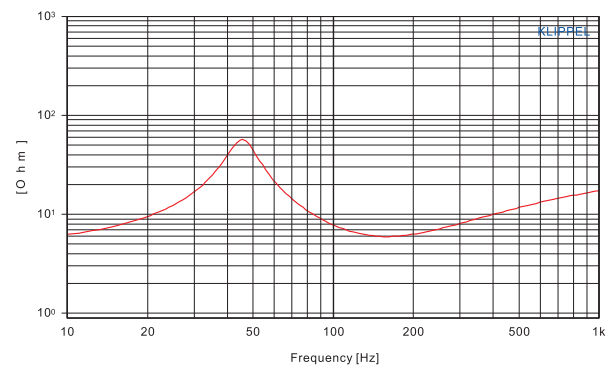
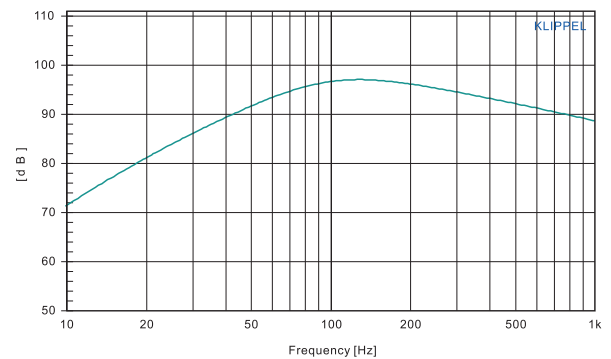


### Specifications

Model		S18G800A
Nominal diameter	in.	18
Power handling capacity	W(AES)	800
Max power	Watts	1600
Nominal impedance	$\Omega$	8
Sensitivity (1W/1m)	dB	98
Frequency range	Hz	42-200
Voice coil diameter	mm/in	99.5/4
Fs	Hz	45
Re	$\Omega$	5
Qms		4.29
Qes		0.43
Qts		0.39
Vas	L	120
Mms	gr	215
Cms	mm/N	0.06
BL	Tm	27.2
Le	mH	1.2
Xmax	mm	10
nO	%	2.6
Sd	cm <sup>2</sup>	1225
Overall diameter	mm	462
Bolt circle diamete	mm	474
Baffle cut-out diameter	mm	435
Overall depth	mm	210
Net weight	Kg	14

- 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

