

The Manufacturer of Professional Speaker

NEODYMIUM
SUBWOOFER

SCD12N500XL

- 1000 Watt Max Power
- 88.7mm(3.5inch) voice coil
- 35Hz to 200Hz frequency response
- 92.5 dB 1W@1m sensitivity
- Neodymium magnet structure
- Carbon Cone
- Rubber roll surround



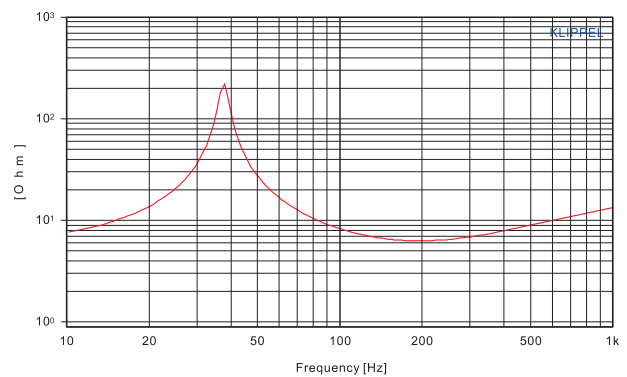
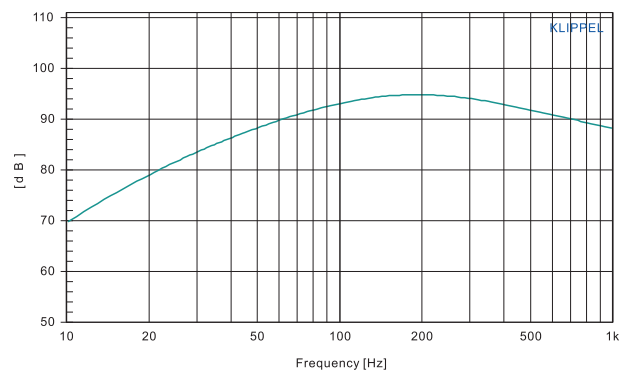
Specifications

Model	SCD12N500XL	
Nominal diameter	in.	12
Power handling capacity	W(AES)	500
Max power	Watts	1000
Nominal impedance	Ω	8
Sensitivity (1W/1m)	dB	92.5
Frequency range	Hz	35-400
Voice coil diameter	mm/in	88.7/3.5
Fs	Hz	37
Re	Ω	5.5
Qms		14.1
Qes		0.34
Qts		0.33
Vas	L	49
Mms	gr	148
Cms	mm/N	0.13
BL	Tm	23.5
Le	mH	0.82
Xmax	mm	8
nO	%	0.7
Sd	cm ²	530
Overall diameter	mm	316
Bolt circle diamete	mm	326
Baffle cut-out diameter	mm	282
Overall depth	mm	154
Net weight	Kg	7

- 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

