

FERRITE
SUBWOOFER



SCB12N500XL

- 1000 Watt Max Power
- 88.7mm(3.5inch) voice coil
- 35Hz to 200Hz frequency response
- 91dB 1W@1m sensitivity
- Ferrite magnet structure
- Carbon Cone
- Rubber roll surround

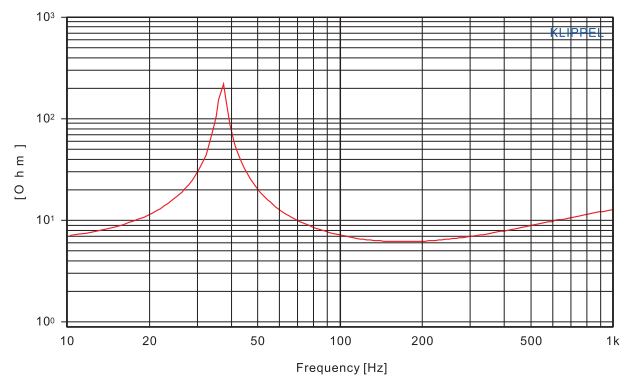
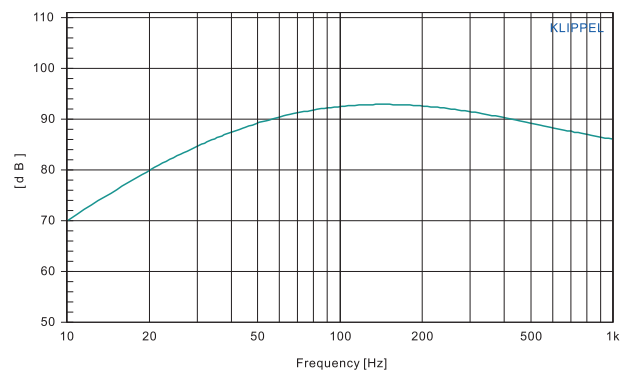
Specifications

| Model | | SCB12N500XL |
|-------------------------|-----------------|-------------|
| Nominal diameter | in. | 12 |
| Power handling capacity | W(AES) | 500 |
| Max power | Watts | 1000 |
| Nominal impedance | Ω | 8 |
| Sensitivity (1W/1m) | dB | 91 |
| Frequency range | Hz | 35-400 |
| Voice coil diameter | mm/in | 88.7/3.5 |
| | | |
| Fs | Hz | 37 |
| Re | Ω | 5.5 |
| Qms | | 14.6 |
| Qes | | 0.46 |
| Qts | | 0.45 |
| Vas | L | 49 |
| Mms | gr | 148 |
| Cms | mm/N | 0.13 |
| BL | Tm | 20.1 |
| Le | mH | 0.84 |
| Xmax | mm | 8 |
| nO | % | 0.5 |
| Sd | cm ² | 530 |
| | | |
| Overall diameter | mm | 316 |
| Bolt circle diamete | mm | 326 |
| Baffle cut-out diameter | mm | 282 |
| Overall depth | mm | 156 |
| Net weight | Kg | 9 |

- 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

