

SC 4" Midwoofer



Type Number: SC11WG49-08

Features:

The SC product line, manufactured in our world-class Panyu, China facility, is known for its quality tweeters and midwoofers. Designed in Denmark by our experienced team of audio engineers, Peerless SC products can meet the most demanding needs for both volume and audio excellence.

Driver Highlights: Steel-chassis, coated NRSC paper cone



Specs:

Electrical Data

| | | | |
|-----------------------|------|-----|-----|
| Nominal impedance | Zn | 8 | ohm |
| Minimum impedance | Zmin | -- | ohm |
| Maximum impedance | Zo | -- | ohm |
| DC resistance | Re | 5.5 | ohm |
| Voice coil inductance | Le | 0.7 | mH |

T-S Parameters

| | | | |
|-------------------------|-----|------|-----------------|
| Resonance Frequency | fs | 57 | Hz |
| Mechanical Q factor | Qms | 2.42 | |
| Electrical Q factor | Qes | 0.48 | |
| Total Q factor | Qts | 0.4 | |
| Force factor | Bl | 4.7 | Tm |
| Mechanical resistance | Rms | -- | Kg/s |
| Moving mass | Mms | 5.4 | g |
| Suspension compliance | Cms | -- | mm/N |
| Effective cone diameter | D | -- | cm |
| Effective piston area | Sd | 58 | cm ² |
| Equivalent volume | Vas | 6.9 | ltrs |
| Sensitivity (2.83V/1m) | | 85 | dB |
| Ratio BL/√(Re) | | -- | |
| Ratio fs/Qts | F | -- | |

Power handling

| | | |
|---------------------------------|----|------|
| 100h RMS noise test (IEC) | -- | W |
| Long-term Max Power (IEC 18.3) | 60 | W |
| Max linear SPL (rms) @ power | -- | dB/W |
| Short Term Max power (IEC 18.2) | 90 | W |

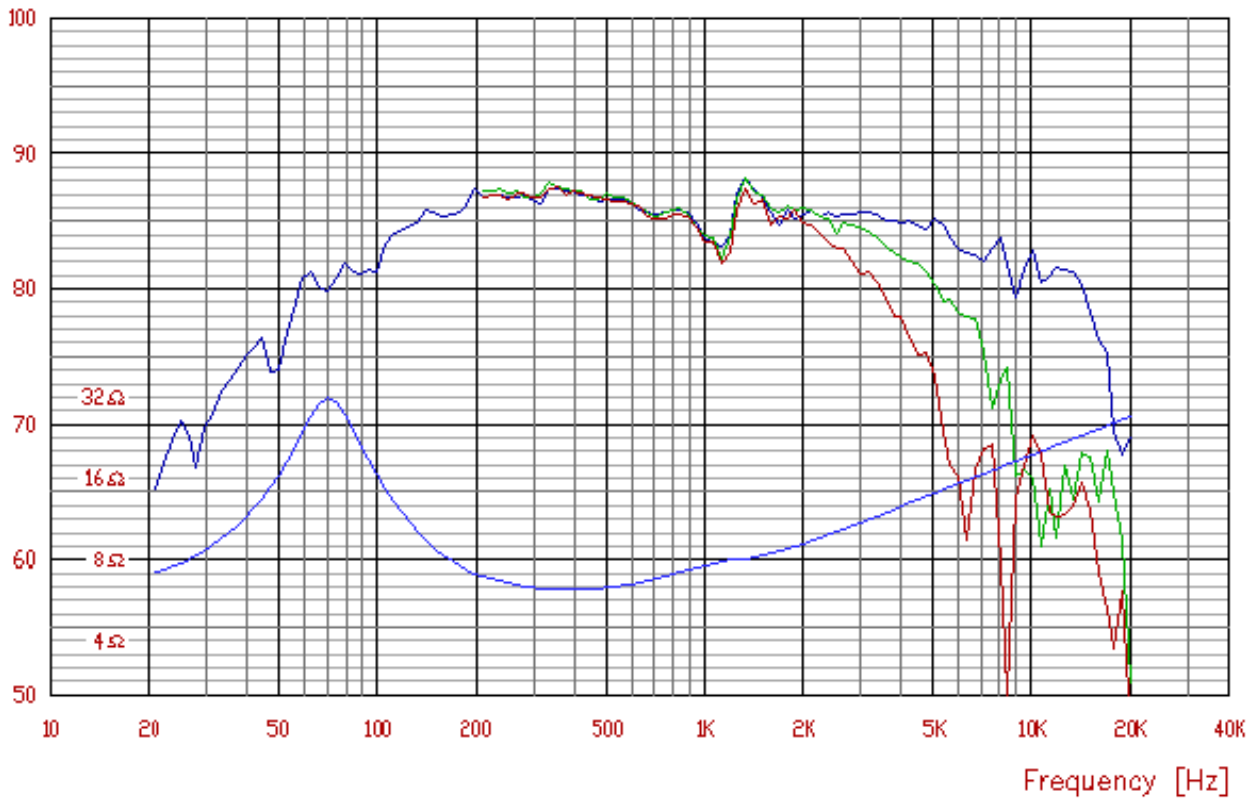
Voice Coil and Magnet Parameters

| | | |
|-------------------------|----|-----|
| Voice coil diameter | 25 | mm |
| Voice coil height | 10 | mm |
| Voice coil layers | -- | |
| Height of the gap | 4 | mm |
| Linear excursion +/- | -- | mm |
| Max mech. excursion +/- | -- | mm |
| Flux density of gap | -- | mWb |
| Total useful flux | -- | mWb |
| Diameter of magnet | -- | mm |
| Height of magnet | -- | mm |
| Weight of magnet | -- | Kg |

Notes:
IEC specs refer to IEC 60268-5 third edition.
All Tymphany products are RoHS compliant.

Frequency: SC11WG49-08

SPL [dB]



Mechanical Dimensions: SC11WG49-08

