

# Product Detail Page



## SPH-100C

Number: 10.2300

### High-Tech Speakers

With carbon fibre cone, diecast basket and drilled pole core with convincing bass and midrange characteristics, too.

Hi-fi bass-midrange speaker, 50 W<sub>MAX</sub>, 30 W<sub>RMS</sub>, 8 Ω

- Remarkable high-end bass-midrange speaker
- Exceptionally long excursion for this size
- Parameters for really low bass frequencies
- For the use in miniature speaker systems with real low fundamental bass and for any bass-midrange application of high requirements, for hi-fi and audiophile car hi-fi range



## Technical Facts

Impedance (Z)	8 Ω
Resonant frequency (fs)	50 Hz
Max. frequency range	f3-6,000 Hz
Music power	50 W <sub>MAX</sub>
Power rating (P)	30 W <sub>RMS</sub>
SPL (1 W/m)	84 dB
Suspension compl. (Cms)	1.45 mm/N
Moving mass (Mms)	7 g
Mech. Q factor (Qms)	3.53
Electr. Q factor (Qes)	0.50
Total Q factor (Qts)	0.44
Equivalent volume (Vas)	6 l
DC resistance (Re)	6 Ω
Force factor (BxL)	5.1 Tm
Voice coil induct. (Le)	0.65 mH
Voice coil diameter	25.5 mm
Voice coil former	Kapton
Linear excursion (XMAX)	±4 mm
Eff. cone area (Sd)	54 cm <sup>2</sup>



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**Magnet weight**

300 g

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**Weight**

0.85 kg

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