

# Product Detail Page



## SPH-165KEP

Number: 10.2420

### High-Tech Speakers

Highest power capability in subwoofer applications, also outstanding in midrange applications due to the Kevlar cones used.

A highlight, both from the optical and technical point of view.

**Hi-fi bass-midrange speaker, 100 W<sub>MAX</sub>, 60 W<sub>RMS</sub>, 8 Ω**

- High-tech speaker
- Diecast aluminium basket
- Kevlar cone
- Phase plug
- Optimum transient response
- Free of resonances
- High thermal capability
- A very linear and wide bandwidth radiation
- Excellent bass-midrange speaker with high level reserves for hi-fi applications

## Technical Facts

Impedance (Z)	8 Ω
Resonant frequency (fs)	30 Hz
Max. frequency range	f3-7,000 Hz
Music power	100 W <sub>MAX</sub>
Power rating (P)	60 W <sub>RMS</sub>
SPL (1 W/m)	89 dB
Suspension compl. (Cms)	1.71 mm/N
Moving mass (Mms)	17 g
Mech. Q factor (Qms)	4.85
Electr. Q factor (Qes)	0.33
Total Q factor (Qts)	0.31
Equivalent volume (Vas)	38 l
DC resistance (Re)	6 Ω
Force factor (BxL)	7.6 Tm
Voice coil induct. (Le)	0.7 mH
Voice coil diameter	35.5 mm
Voice coil former	Kapton
Linear excursion (XMAX)	±4.75 mm
Eff. cone area (Sd)	127 cm <sup>2</sup>



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**Magnet weight**

500 g + 17 g

**Weight**

1.71 kg

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