

# Product Detail Page



## SPH-102KEP

Number: 10.2590

### 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.

**High-tech midrange speaker, 120 W<sub>MAX</sub>, 40 W<sub>RMS</sub>, 8 Ω**

- Double magnet
- Aluminium diecast basket
- Kevlar cone
- Rubber surround
- Ferrofluid
- Phase plug
- Extra low cone weight
- Optimum midrange characteristics for hi-fi applications of high requirements

## Technical Facts

Impedance (Z)	8 Ω
Resonant frequency (fs)	95 Hz
Max. frequency range	fx-10,000 Hz
Music power	120 W <sub>MAX</sub> (400-5,000 Hz)
Power rating (P)	40 W <sub>RMS</sub>
SPL (1 W/m)	88 dB
Suspension compl. (Cms)	0.94 mm/N
Moving mass (Mms)	3 g
Mech. Q factor (Qms)	5.70
Electr. Q factor (Qes)	0.57
Total Q factor (Qts)	0.52
Equivalent volume (Vas)	3 l
DC resistance (Re)	7.2 Ω
Force factor (BxL)	4.75 Tm
Voice coil induct. (Le)	0.20 mH
Voice coil diameter	25.5 mm
Voice coil former	Kapton
Linear excursion (XMAX)	±1 mm
Eff. cone area (Sd)	55 cm <sup>2</sup>



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Magnet weight	2x290 g
Weight	0.97 kg

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